

# MASTER PRODUCT CATALOGUE





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## OVERVIEW

ZKTECO CO., LTD. (ZKTeco) (301330: CN Shenzhen Stock Exchange) is an internationally renowned enterprise which specializes in pioneering biometric recognition techniques, and provides products and solutions of smart entrance management, smart identity authentication and smart office. ZKTeco offers services on all fronts to public-service, enterprise-level and personal users.

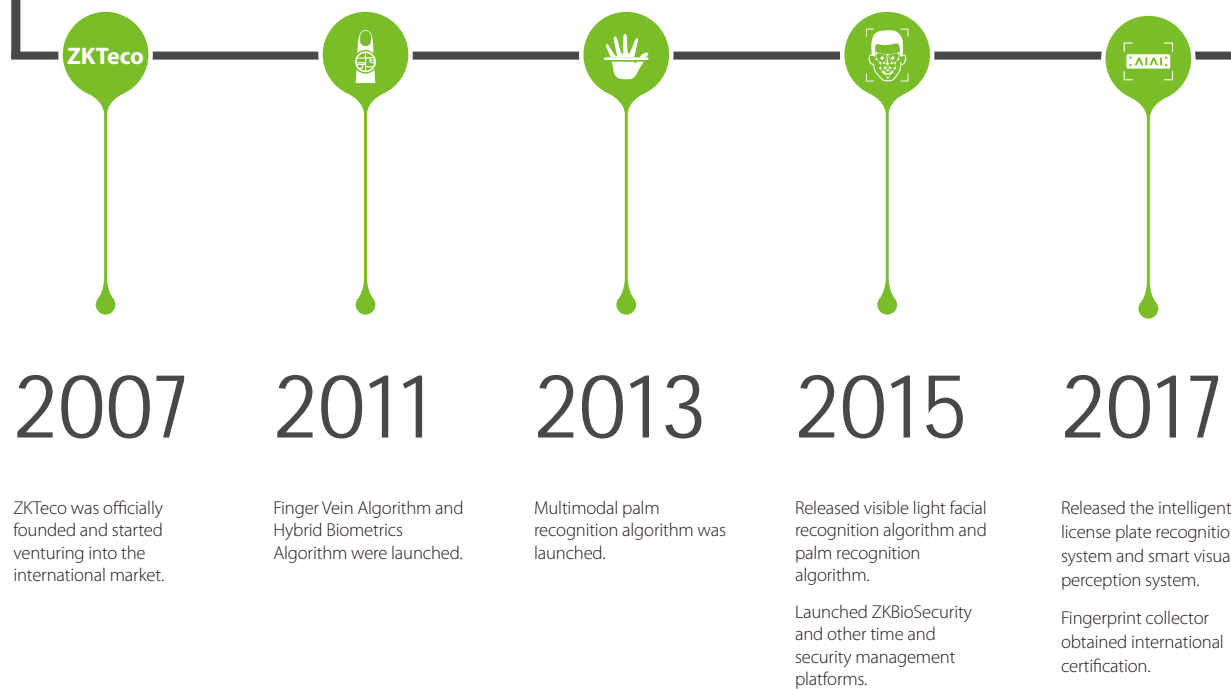
ZKTeco has approximately 4,000 employees globally, among them there are over 1,100 R&D staffs and 730 foreign staffs. The enterprise owns 14 subsidiaries and 29 branches in China, and 38 subsidiaries in Hong Kong, Macau, Taiwan and overseas (As of December 2021).

ZKTeco has various centers for development, design and innovations in India, Dongguan-Shenzhen, Xiamen and Dalian. At present, ZKTeco's techniques and smart terminals have been applied by most 500 global top enterprises, and its business has already covered more than 100 countries and regions.

ZKTeco has been earning global recognitions and has been selected by a&s Magazine as one of the "Top 50 Global Security Companies 2022" and is ranked Top 12 Globally, and is honoured by being selected as the "Top 10 HRMS Solution Providers 2019" by HR Tech Outlook, and "Top 30 Technology Innovations 2019" by Security Sales & Integration. In 2015 and ZKTeco was awarded "ESX Innovation Awards" in the Electronic Security Expo 2015.

ZKTeco upholds the vision of "Responsibility, Integrity, Pragmatism, and Excellence", wishes to change the world with technology, and make a safer and wiser living and social development.

# HISTORY





2018

2019

2020

2021

2022

Released visible light face & fingerprint multi-modal recognition technique, ID card verification series technique, and license plate recognition algorithm for multiple countries including Thailand.

Upgraded multi-modal biometrics algorithm.  
Selected as the China Public Safety Product Brand – Top 10 Entrance & Exit Control Brands.

Introduced institutional investors such as Walden International and Oriental Fortune Capital.

Carried out technical research and released anti-epidemic products, multi-modal palm, fingerprint, and face hybrid recognition technologies.

Ranked 13th in the 2021 Global Security 50 List by asmag.

Released a new version of the multi-spectral large-capacity facial algorithm that supports mask recognition scenarios, the new version of the visible light palm algorithm, the anti-glare QR code recognition technology and the epidemic prevention health code scheme, and the new version of the iris face multi-modal recognition algorithm.

ZKTeco (301330) has successfully been listed on ChiNext board on 17th August, 2022. ZKTeco publicly offered 37.123013 million shares, including 37.123013 million IPO shares offered at 43.32 yuan per share and raising funds of 1,608 million RMB.

EXCELLENT



AVERAGE



PO

# ZKTeco

## Accreditations

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Quality Assurance  
Management



Occupational Health And  
Safety Management



Environmental  
Management



Information Security  
Management



Information Security  
Management



Information Security  
Management



IT Service  
Management



Software  
Development  
Maturity

00R







## Green Label

ZKTeco has developed professional industry solutions for different industries' properties.



## Access Control-RFID



»» ProMA (F23080087)



»» ProMA-RF (F23080090)



»» ProMA-QR (F23080093)

- High strength Aluminum alloy casting casing with IK07 vandal proof structure, IP66 water and dust resistant
- Outdoor Anti-Glare Facial Recognition Enhanced By HDR & WDR Technology, Supports 0 Lux to 100,000 Lux
- Operating temperature from -20°C to 55°C, Storage temperature from -25°C to 65°C, suitable for extreme environment
- Full spectrum of authentication methods, support face / fingerprint / palm (coming soon) / scramble QR Code / RFID card
- Supports up to 30,000 face / 10,000 fingerprint / 5,000 Palm (Optional) / 50,000 RFID card / 500,000 records. Supports IEEE 802.3af/at standard Power over Ethernet
- Supports multiple RFID modules and up to 100+ card types (including, ID / IC / Legic / Desfire EV1 / EV2 / HID Prox. / HID iClass / etc.)
- Supports scramble QR Code as high security mobile credential via ZKBio CVSecurity App (coming soon)
- HD video door phone via ZSmart mobile App & ZKBioTalk PC App
- Supports ONVIF for 3rd Party NVR/VMS integration to act as a surveillance camera
- Embedded web server for system configuration
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line). Standard to provide advance protection
- Compatible with ZKTeco all-in-one security platform ZKBio CVSecurity



»» ProRF (F02020088)



- **Card Capacity:** 60,000 / 100,000 (Optional)
- **Transactions Capacity:** 600,000
- **Communication:** TCP/IP, RS485, Wiegand Input/Output, Security Relay Box
- **Hardware:** 1GHz CPU, Memory 64MB RAM/128MB Flash, Beeper & Indicator, Tamper Switch Alarm
- **Standard Functions:** Access Levels / Groups / Holidays, Anti-Passback
- **Working Temperature:** -20 °C ~ 65 °C
- **Access Control Interface:** Lock Relay Output, Alarm Output / Auxiliary Input, Exit Button / Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 Slave Reader, ZKBioSecurity Software
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.3 \* 96.8 \* 35 mm
- **Special Functions:** IP67



»» ProRF-T (F02020016)



- **Display:** 2.4 inches TFT LCD Screen
- **Card Capacity:** 50,000
- **User Photos:** 3,000
- **Event Photos:** 7,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input / Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output / Auxiliary Input, Exit Button/Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels / Group / Holidays, DST / Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Event Snapshot User Photo (Optional)
- **Multi RFID Car:** NFC & BLE, 125kHz EM, HID Prox & 13.56Mhz IC, IC Plus, DESFire / EV1, FeliCa, iCLASS SE / SR / Seos
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM / 256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 195.5 × 87 × 35 mm, Working Temperature: -10 °C ~ 50 °C

## » Access Control-Fingerprint



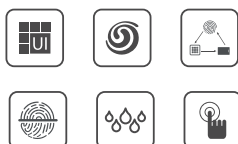
»» ProCapture-X (F01010221)



- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 50,000
- **Transaction:** 500,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), USB Host, Wiegand Input / Output, Security Relay Box, WIFI (Optional)
- **Access Control Interface:** Lock Relay Output, Alarm Output / Auxiliary Input, Exit Button / Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA
- **Standard Functions:** Access Levels / Groups / Holidays, DST / Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, Alive Finger Detection, ZK Encrypted Card (Optional), Fingerprint Card
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM/256MB Flash, BioID+ Fingerprint Sensor, 125KHz EM Reader / IC Card (Optional), Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad, POE (Standard IEEE 802.3at), Wireless doorbell (Optional)
- **Additional Info:** Working Temperature: 0 °C ~ 50 °C, Dimensions: 200.5 × 88.5 × 28.7 mm, Fingerprint Algorithm ZKFinger v10.0



»» **ProCapture-WP**  
(F02010538)



- **Display:** 2.4 inches TFT LCD Screen
- **Fingerprint Capacity:** 20,000
- **Card Capacity:** 10,000
- **Transactions Capacity:** 100,000
- **Communication:** TCP/IP, RS485 (For Slave Reader), Wiegand Input / Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output / Auxiliary Input, Exit Button / Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, RS485 FP Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels / Group / Holidays, DST / Bell Schedule, Duress Mode, Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional) Fingerprint Card (Optional), IP65, PIV FP Sensor BioID+ (Optional)
- **Hardware:** 1.2GHz Dual Core CPU, Memory 128MB RAM / 256MB Flash, Hi-Fi Voice & Indicator, Tamper Switch Alarm, Touch Keypad
- **Additional Info:** Operating Voltage 12V DC, Current Draw < 500 mA, Dimensions: 202.30 x 96.80 x 35.00 mm, Working Temperature: -10 °C ~ 50 °C

## » Access Control-FingerPrint & Vein

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»» **inPulse+**  
(F02050008)



- **Display:** 2.8 Inches TFT-LCD Touch Screen
- **Fingerprints Capacity:** 1,500
- **Fingerprints Veins:** 1,500
- **Card Capacity:** 2,000
- **Transaction:** 100,000
- **Communication:** TCP/IP, USB Host, Wiegand Input / Output, Security Relay Box
- **Access Control Interface:** Lock Relay Output, Alarm Output / Auxiliary Input, Exit Button / Door Sensor, Doorbell Output
- **Compatibility:** Wiegand Slave Reader, ZKBioSecurity Software
- **Standard Functions:** Access Levels / Groups / Holidays, DST / Bell Schedule, Duress Mode (Password), Anti-Passback, Record Query, Custom Wallpaper & Screen Saver
- **Special Functions:** Multiple Verification Modes, ZK Encrypted Card (Optional)
- **Hardware:** 1.2GHz High Speed CPU, Memory 128MB RAM / 256MB Flash, ZK Fingerprint Sensor, 125KHz EM Reader / IC Card (Optional), Hi-Fi Voice & Indicator, Tamper Switch Alarm
- **Additional Info:** Working Temperature: -10 °C ~ 50 °C, Dimensions: 201.7 x 85 x 102.7mm, ZKVein v3.0 & ZKFinger v10.0 Algorithms
- **Power:** Operating Voltage 12V DC, Current Draw < 500mA

## Access Control-Control Panels



Atlas 100



Atlas 200



Atlas 400



Atlas 160



Atlas 260



Atlas 460

### Atlas Series

- State of the art 1, 2 and 4 door panels with built-in web application eliminates the need for management software with networked Primary/Secondary Panel configuration
- Primary / Secondary architecture allows scaling up to 84 doors
- Atlas Bio Series supports ZKTeco FR1500A fingerprint readers. Atlas additionally supports any 3rd-party readers which support Wiegand or OSDP communication with virtually any bit format to suit any project and size
- Capacity to store 5,000 card holders and 100,000 transactions plus unlimited archive downloads
- Built in POE and WiFi capability
- Mobile App available for IOS and Android platform
- No software required. Built-in Web Application provides advanced access control features including User Enrollment & Management, Door Control & Monitoring, Lockdown, Reporting, Maps, Anti-Passback, First-Card Opening, Multi-Card Opening, Card Design and Duress PINs.



Model	inBio160 Pro (F02060050)	inBio 260 Pro (F02060057)	inBio 460 Pro (F02060068)
Number of Doors Controller	1 / 2 / 4 Door		
Numbers of Readers Supported	4 (2 RS-485 Readers, 2 Wiegand readers)	8 (4 RS-485 Readers, 4 Wiegand readers)	12 (8 RS-485 Readers, 4 Wiegand readers)
Types of Readers Supported	26-bit Wiegand and RS485 FR Series Reader		
Number of Inputs	3(Exit Button and Door Status, 1 AUX)	6(2 Exit Button and 2 Door Status, 2 AUX)	12(4 Exit Button and 4 Door Status, 4 AUX)
Number of Outputs	2 (1-Form C Relay for Lock and 1-Form C Relay for Aux Output)	4 (2-Form C Relay for Lock and 2-Form C Relay for Aux Output)	8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
Card Holders Capacity	60,000		
Fingerprint Capacity	20,000		
Log Events Capacity	100,000		
Communication	TCP/IP		
Hardware	32 bit 400MHz CPU, 32MB RAM,128MB Flash		
Power	9.6V-14.4V DC		
Operating Temp	0-45 °C		
Operating Humidity	20% to 80%		
Package Dimension	350(L) × 90(H) × 300(W)mm		

## Access Control-Readers



»» FR1500S (F06010161)



- **Sensor:** BioID+
- **Algorithm:** ZKFinger v10.0
- **Standard Function:** ID Card
- **Optional Function:** IC Card, HID Prox Card, HID Iclass Card
- **Communication:** RS485
- **CPU:** 1.0 GHz CPU
- **Hardware:** Buzzer Prompt, Three-color Indicator Light
- **Compatibility:** inBio / inBioPro Controllers, Standalone Fingerprint Devices
- **Working Voltage:** 12VDC
- **Working Temperature:** -10 °C ~ 45 °C
- **Dimension (L\*W\*H):** 121.3 \* 77.3 \* 38 mm



Model	ProID10	ProID20	ProID30	ProID40
Card Type	125KHz EM, 13.56MHz IC Card, DESFire, FeliCa or Legic.			
Read Range	EM/IC Card 3.5cm			
LED	Pulsing White Standby Light, Red and Green LEDs			
Hardware	Beep		Beep, Touch Keypad	Beep
Material	ABS+PC			
Output Format	Wiegand 26bit or 34bit Adjustable			
Input Port	External LED Control, External Buzzer Control			
Index Protection	IP65			
Power	Operating Voltage 7~13V DC, Current Draw < 80mA			
Operating Temperature	-20 °C ~ 65 °C			
Dimensions	80.5 × 44 × 15mm	90 × 90 × 16mm		116 × 75 × 15mm



»» ProID20 BEMD-RS  
(F23120129)



»» ProID30 BEMD-RS  
(F23120130)

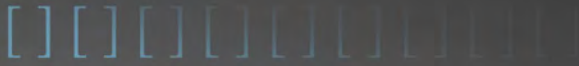
- Support multi-frequency tech cards, e.g. ID, IC, NFC, DESFire EV1 & EV2 and NFC tags
- Offers Wiegand and RS485 output
- Support Tamper Alarm
- LED light and touch keypad
- IP66, Waterproof design suitable for indoor or outdoor applications
- High stability and energy efficiency

# SMART IDENTITY

Empowerment Integrated Business based on Biometric Verification  
Core Techniques(Smart Identity Authentication Application)







# Biometrics

Biometric technology has become an integral part of our everyday lives. Many countries, industries and enterprises around the world have already deployed biometric security systems for fast and accurate identification of visitors and travelers, manpower management and other applications.

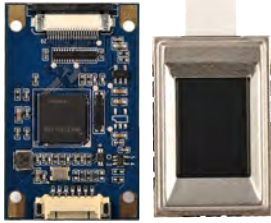
However, their requirements and demand for the accuracy, security, convenience of using biometric recognition technology have been boosting. ZKTeco keeps bending its efforts to continuous development and improvement of different biometric-related technology based on Bio4, the core biometric identification technology, to provide end-users worldwide with the best biometric solutions.





## ↳ Embedded Optical Fingerprint Module

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### »» Bio30S (F06010112)

- CPU: 280MHz
- Flash: 32 MB
- Communication: UART (115200bps / TTL3.3V) / USB 2.0
- Power Consumption: 5V:200mA Scanning; 5V:100mA idle (waiting for finger)
- Interface Type: Molex 51021-0700 (7 pin; 1.25 mm)
- Dimension: Motherboard: 42.0 \* 26.0 \* 5.08 mm Sensor: 35.0 \* 23.0 \* 3.66 mm
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 508 dpi
- Image Size: 256 \* 360pixel
- Template: ZKFinger V10.0
- Template Size: 1- 4KB (ZKFinger V10.0)
- Operating Environment: -20 °C ~ +50 °C; 90% r.h.

## ↳ USB Scanners-Fingerprint

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### »» Bio20R (F06010033)

- CPU: 280MHz
- Flash: 32 MB
- Water Splash: No damage, make sure it can work
- Power Consumption: 5V:200mA Scanning; 5V:60mA idle (waiting for finger)
- Interface Type: USB Type A
- Dimension: 49 \* 44 \* 20.1 mm (L\*W\*H)
- Sunlight Operation: Yes, dark field and automatic gain / exposure
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 500 dpi
- Image Size: 300 \* 400 pixel (FAP20)
- Live Detection: Yes
- Certifications: FCC, CE, RoHS, PIV
- Operating Environment: -10 °C ~ 50 °C; 90% r.h.



### »» ZK9500 (F06010109)

- CPU: 280MHz
- Flash: 32 MB
- Water Splash: No damage, make sure it can work
- Power Consumption: 5V:200mA scanning; 5V:60mA idle(waiting for finger)
- Interface Type: USB Type A
- Dimension: 75.5 \* 53.2 \* 19 mm
- Sunlight Operation: Yes, dark field and automatic gain / exposure
- Dry, Moist, or Rough Fingerprints: Work well
- Image Resolution: 500 dpi
- Image Size: 300 \* 400 pixel (FAP20)
- Template: ZKFinger V10.0
- Certifications: FCC, CE, RoHS
- Operating Environment: -20 °C ~ 50 °C; 90% r.h.

»» **ZK6500** (F06010153)



- **Prism Material:** Optical glass
- **CPU:** 280MHz DSP
- **Flash:** 8MB
- **Image Resolution:** 500dpi
- **Encryption IC:** YES
- **Interface Type:** USB Type A
- **Dimension:** 76.00 \* 84.48 \* 68.97 mm (L\*W\*H)
- **Sunlight Operation:** YES, dark field and automatic gain / exposure
- **Illumination LED:** Green
- **Collecting Area:** 16.5 \* 23 mm
- **Image Size:** 256 \* 360 pixel
- **Live Detection:** N / A
- **Template:** ZKFinger V10.0
- **ISO/ANSI Support:** N / A
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -20 °C ~ +50 °C; 90% r.h.

»» **ZK8500R[MF]** (F06020001)

»» **ZK8500R[ID]** (F06020002)



ZK8500R	Fingerprint Module	Card Module
Standard	ZK9500	IC Card (13.56 MHz)
<b>Fingerprint Module</b>		
Sensor Type	Optical	
Effective Collecting Area	15.24 * 20.32mm	
Fingerprint Algorithm	ZKFinger V10.0	
Template Size	< 2KB	
<b>Mifare Card Module</b>		
Model	M330-L (IC01)	
International Standard	ISO / IEC 14443A	
Card Type	Mifare S50; Mifare S70; Desre; CUP	
<b>ID Card Module</b>		
Model	M210-H-T (EM05)	
International Standard	ISO / EM4001	
Card Type	ID Card	
<b>Other Parameters</b>		
Operating System	Windows / Linux / Android	
Interface Socket	USB 1.1/2.0	
Dimensions	124.5* 102 * 34mm (L*W*H)	



### »» **Bio30R** (F06010166)

- **Sensor Type:** Semiconductor
- **Power Consumption:** ≤150mA (Active) / 80mA (Standby)
- **Interface Type:** USB
- **Dimensions:** 83 \* 50 \* 20 mm / 3.268 \* 1.969 \* 0.787 inch
- **Collecting Area:** 18.0 \* 12.8 mm / 0.709 \* 0.504 inch
- **Dry, Moi-st, or Rough Fingerprints:** Work well
- **Image Resolution:** 508 dpi
- **Image Size:** 256 \* 360 pixels
- **Certifications:** FCC, CE, RoHS
- **Operating Environment:** -10 °C ~ 50 °C; 93% r.h.



## ▾ **USB Scanner - Fingerprint**

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### »» **ZK-AFIS 400** (F31050039)

- **Active Scanning Window:** Flat four fingers up to 3.2" \* 3.0"; Two flat thumbs up to 3.2" \* 3.0" - Rolled finger up to 1.6" \* 1.6"; All with 500 dpi
- **Interface:** USB 2.0
- **Temperature :** Storage: from -20°C to +60°C Operating: from +0°C to +50°C
- **Image Quality and Formats:** FBI IAFIS IQS Appendix F (FAP60) certified; ANSI/NIST-ITL 1-2007/2011; ANSI/NIST-ITL 1-2000; ISO/IEC FCD 19794-4
- **Humidity:** From 10% to 90% (non-condensing)
- **Dimensions:** 148 x 152 x 148 mm
- **Weight:** 1.4 Kg
- **Supported Operating Systems:** Microsoft Windows up to Win10 in 32-bit and 64-bit configuration; Linux Ubuntu and Fedora distributions in 32-bit and 64-bit configuration Android
- **Certification:** CE, FCC, RoHS, KCC
- **IP Rating:** IP54



## ↳ USB Scanner-OCR

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»» **RS100** (F31010007 / F31010008 / F31010009)

- **Machine Readable Zone:** ICAO 9303 standard compliant documents: ID-1 (Identity Card); ID-2(Passport, Visa); ID-3(Passport)
- **Visual Inspection Zone:** Customization based on clients' requirements
- **RFID:** Read and write contactless ICs according to ISO/IEC 14443-S (Type AB) Read smart card according to ISO/IEC 7816; Support e-passport Basic Access Control (BAC)& Extended Access Control (EAC); Support active / passive authentication
- **Barcode:**1D: Code 128, Code 39, Interleaved 2 of 5; 2D: PDF 417, QR Code, Data Matrix, Aztec Code
- **Resolution:** 500 DPI
- **Image Format:** JPG,BMP,PNG
- **Dimension:** 175 \* 199 \* 140mm(W\*D\*H)
- **Interface:** USB 2.0
- **Supported Operation System:** Windows 7, 8, 10, Vista, XP (32/64 bit WHQL certified) Windows Server 2003 & 2008 (32/64 bit); Linux Ubuntu, CentOS, RedHat
- **Operating Humidity:** 20%-95% (non-condensing)
- **Operating Temperature:** 10°C to 50°C operating; -20°C to 50°C storage



# Multi-purpose Intergration



## ↳ Standalone Terminal-Visible Light Face Verification



»» SpeedFace-V4L (F23110167)    »» SpeedFace-V4LM1 (F02030373)

- **Display:** 4-inch Touch Screen
- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), video attack and 3D mask attack
- **Multiple Verification Methods:** Face / Palm / Card / Password
- **Available Card Modules:** 125kHz ID card (EM) / 13.56MHz IC card
- Supplement light with adjustable brightness
- 800 face templates capacity, 800 palm templates capacity
- **Card Capacity:** 10,000
- Video Intercom with WLAN ZSmart APP



Model	ProFace X (F02030136)	ProFace X(TD) (F02030190)	ProFace X(TI) (F02030249)	ProFace X(DS) (F23110300)
Display	8" Touch Screen			
Face Capacity	30,000(1:N) / 50,000(Optional)			
Palm Capacity	/			
Card Capacity	50,000			
Logs Capacity	1,000,000			
Communication	TCP/IP, Wiegand Input / Output, Wi-Fi (Optional), RS232 / RS485			
Standard Functions	Access Levels, Groups, Holidays, DST, Duress Mode (Password), Record Query, Anti-Passback, ADMS, Custom Wallpaper & Screen Saver, Tamper Switch Alarm			
Access Control Interface	Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor			
Special Functions	IP68 & IK04 0.3s High Speed Face Verification Live Face Detection Communication https Encrypted (Optional) Event Snapshot	0.3s High Speed Face Verification Live Face Detection Communication https Encrypted (Optional) Event Snapshot		IP68 & IK04 0.3s High Speed Face Verification Live Face Detection Communication https Encrypted (Optional) Event Snapshot
Optional Functions	13.56MHz IC Card, Wi-Fi	Wi-Fi	13.56MHz IC Card, Wi-Fi	13.56MHz IC Card, WiFi, Statics / Dynamic QR code
Preventative Measures	/	Mask detection		/
	/	Body temperature detection <b>Temperature Measurement Distance:</b> 30 ~ 50cm (For TD) / 30 ~ 120cm (For TI) <b>Temperature Measurement Accuracy:</b> ±0.3°C <b>Temperature Measurement Range:</b> 16 ~ 32°C (For TD) / 10 ~ 35°C (For TI)		/
Power Supply	12V 3A			
Operating Temperature	-30°C ~ 60°C			-20°C ~ 55°C
Operating Humidity	≤93%			≤90%
Operating System	Linux			
Supported Softwares	ZKBio Access IVS / ZKBio CVSecurity			
Onvif Protocol	Standard	Standard	Standard	/
SIP Protocol	Optional	Not support	Not support	/
ZKBioTalk	Standard	Standard	Standard	/
ZSmart	Optional	Optional	Optional	/



Model	SpeedFace-V5L (F02030556)	SpeedFace-V5L[TD] (F02030562)	SpeedFace-V5L[TI] (F02030568)
Display	5-inch Touch Screen		
Face Capacity	6,000		
Palm Capacity	/		
Fingerprint Capacity	10,000		
Card Capacity	10,000 (optional)		
Logs Capacity	200,000		
Communication	TCP/IP, Wi-Fi (Optional), Wiegand input / output, RS485		
Standard Functions	ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verification Modes		
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input		
Optional Functions	125kHz ID Card, 13.56MHz IC Card, Wi-Fi		
Health Protection	/		
	Mask detection Body temperature detection <b>Temperature Measurement Distance:</b> 30 ~ 50cm (For TD) / 30 ~ 120cm (For TI) <b>Temperature Measurement Accuracy:</b> ±0.3°C <b>Temperature Measurement Environment:</b> 16 ~ 32°C(For TD) / 10 ~ 35°C (For TI)		
Video Intercom	Some Models Optional with WLAN APP ZSmart, LAN ZKBiosecurity / ZKBio Talk		
Power Supply	12V 3A		
Operating Temperature	-10 °C ~ 45 °C		
Operating Humidity	10% - 90%		
Operating System	Linux		
Supported Softwares	ZKBio Access IVS		
Onvif Protocol	Standard	Standard	Standard
SIP Protocol	Optional	Not support	Not support
ZKBioTalk	Standard	Standard	Standard
ZSmart	Optional	Optional	Optional



### »» SpeedFace-V3L(Lite)

- **Display:** 2.4-inch touch Screen
- **RFID:** ID Card, IC Card(Optional)
- **User Capacity:** 3,000
- **Card Capacity:** 3,000
- **Face Capacity:** 500
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP,WiFi (Optional)
- **Standard Functions:** ADMS, DST, Camera, 14-digit User ID, ID Card, Wired doorbell, Record Query, Tamper Switch Alarm, Schedule Bell, T9 Input
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button
- **Power Supply:** 12V 1.5A
- **Protection Level:** IP65
- **Dimensions(L\*W\*D):** 58.3\*116.8\*17.0mm
- **Supported Softwares / APP:** ZKBio Access / ZSmart



### »» SpeedFace-H5L (F02040021)

- **Display:** 5-inch Touch Screen
- **Face Capacity:** 6,000
- **Fingerprint Capacity:** 60,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, WiFi (Optional), Wiegand input / output, RS485
- **Standard Functions:** ID Card, ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.  
Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 13.56MHz IC Card
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access IVS



### »» FaceDepot-7BL (F02040029)

- **Display:** 7-Inch Touch LCD Screen
- **Face Capacity:** 10,000
- **Palm Capacity:** 3,000
- **Fingerprint Capacity:** 10,000 (Optional)
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP/IP, Wiegand Input / Output,WiFi (Optional), RS485, USB-host
- **Standard Functions:** ADMS, T9 Input, DST, Camera, 9-digit User ID, Access Levels, Groups, Holidays, Anti\_x005fpassback, Record Query, Tamper Switch Alarm, Multiple Verify Modes.  
Access Control Interface for 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input
- **Optional Functions:** 125KHz ID card (EM) / 13.56MHz IC card, Fingerprint
- **Power Supply:** ≤1s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access IVS



»» RevFace15  
(F01080232)

- 7-inch Touch Screen
- **Face Templates Capacity:** 10,000
- **Transaction Capacity:** 200,000
- Advanced Access Control function
- Mask detection; facial verification available with a mask
- Optional facial recognition of multiple people at once (up to 4 people)



»» RevFace15[TI]  
(F02030504)

- 7-inch Touch Screen
- **Face Templates Capacity:** 10,000
- **Transaction Capacity:** 200,000
- Advanced Access Control function
- Mask detection; facial verification available with a mask
- Optional facial recognition and temperature detection of multiple people at once (up to 4 people)



»» SpeedFace M3  
(F02030541)

- Enhanced Visible Light Facial Recognition
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack and 3D mask attack
- **Multiple verification methods:** Face / Card / Password
- **Available card modules:** 125kHz ID card (EM) / 13.56MHz IC card / 125KHz HID Pro card
- 6,000 Face templates capacity, 10,000 card capacity, 1,000,000 log capacity
- Support IP65 protect level
- Dynamic QR Code



»» SpeedFace M4  
(F23080096)

- Enhanced Visible Light Facial Recognition & Palm Recognition
- Anti-spoofing algorithm against almost all kinds of print attack (laser, color and B/W photos), videos attack and 3D mask attack
- **Multiple verification methods:** Face / Palm / Card / Password
- **Available card modules:** ID / IC / HID / iClass / Felica / Desfire EV1 & EV2 / Legic
- **Capacity:** 6,000 face templates, 3,000 palm templates, 10,000 cards, 200,000 logs
- IP66 rating



»» G4L (F01090221)

- **Display:** 7-Inch Touch Screen
- **Face Capacity:** 10,000
- **Fingerprint Capacity:** 10,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 1,000,000
- **Sensor:** BioID+ Fingerprint Sensor
- **Communication:** TCP/IP, Wiegand Input / Output, WiFi (Optional), RS485
- **Standard Functions:** ID Card, Automatic Status Switch, Work Code, DST, Self Service Query, Schedule-bell, ADMS, Photo ID.  
Access Control Interface for Lock Relay Output / Alarm Output / Exit Button / Door Sensor
- **Optional Function:** Built-in POE / Legic Card / IC Card
- **Facial Recognition Speed:** ≤0.5s
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Time



»» MB560-VL  
(F01080085)

- **Display:** 2.8-Inch TFT Screen
- **Face Capacity:** 3,000
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZKTeco Optical Sensor
- **Communication:** TCP/IP, WiFi, Optional, USB Host
- **Standard Functions:** Automatic Status Switch, T9 input, 9 Digit User ID, Work Code, DST, Self Service Query, Schedule-bell, Multiple Verify Modes, ADMS.  
Access Control Interface for 3rd Party Electric Lock, Door Sensor and Exit Button
- **Optional Functions:** 125KHz ID Card / 13.56MHz IC Card
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C ~ 45 °C
- **Operating Humidity:** 20% - 80%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Time



»» Elite Access  
(F01080092)



»» Elite Pass  
(F02030147)

- **Display:** 8" Hight Light IPS Touch LCD
- **Face Capacity:** 30000(1:N) / 50000(Optional)
- **User / Cards Capacity:** 50,000
- **Logs Capacity:** 1,000,000
- **Communication:** TCP / IP, Wiegand Input / Output, RS485
- **Standard Functions:** Access Levels, Groups, Holidays, DST / Duress Mode, Anti-Passback / Record Query, Custom Wallpaper & Screen / Saver, Tamper Switch Alarm
- **Access Control Interface:** Lock Relay Output / Alarm Output / Auxiliary Input / Exit Button / Door Sensor
- **Special Functions:** IP68 & IK04; 0.3s Hight Speed Face Verification; Anti-Spoofing algorithm against print / videos and 3D mask attack
- **Optional Functions:** 125KHz ID Card / 13.56MHz IC Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** -30°C - 60°C
- **Operating Humidity:** ≤93%
- **Operating System:** Linux
- **Supported Softwares:** ZKBio Access IVS, ZKBioSecurity



»» Horus TL2  
(F33010032)

- Visible Light and Near Infrared-Red face Recognition
- 2.8-inch Touch Screen
- **Communication:** TCP/IP, Wi-Fi
- ADMS, T9 Input, DST, Work Code, Self-service Query, SSR, Timed state transitions
- **User Capacity:** 800
- **Face Capacity:** 800
- **Record Capacity:** 150,000
- Mounting on the wall
- **Local Encrypted Data:** Only local storage of user data to protect employee privacy



»» Eface10  
(F01080257)

- 4.3-inch Touch Screen
- 1,000 users /500 faces and 150000 transactions
- **Communication:** TCP/IP, USB Host, WiFi(Optional)
- **Multiple Verification Methods:** Face / Password / Card (optional)
- **Card Modules (Optional):** 125KHz ID Card (EM) / 13.56MHz IC Card
- Wall-Mounting and Desktop Installation (Optional)
- **Backup Rechargeable Battery (Optional):** offers at least 2 hours of power on a full charge, and it takes 4 hours to recharge



Model	LFace10	MB10-VL	MB20-VL
Verification Mode	Face	Face + Password + RFID + Fingerprint	
Capacity	100 users 100 faces 50,000 transactions	500 users /cards 100 faces 500 fingerprint 50,000 transactions	
Communication	USB Host	USB Host, TCP/IP, WiFi (Optional)	
A&C Interface	N/A	Simple A&C Interface for Lock, Door Sensor, Exit Button	
Hardware	2.4" Color LCD	2.8" Color LCD	
Function	DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Bell Scheduling, SSR	ADMS, DST, Self-service Query, Automatic Status Switch, T9 Input, Camera, 9-digit User ID, Multiple Verification Methods, Bell Scheduling, SSR	
Software	N/A	ZKBio Access IVS (T&A)	



Model	Horus E1 (F01060795)	Horus E1-RFID (F01070145)	Horus E1-FP (F01070156)
LCD	5-inch, smartphone grade IPS touch LCD monitor		
Android Version	Android 8.1		
Memory	RAM 2GB / ROM 16GB		
Camera	2MP Dual Camera		
Verification Mode	Face	Face + RFID	Face + Fingerprint + RFID
Fingerprint Capacity	/	/	6,000 / 10,000 (optional)
RFID capacity	/	10,000	
Communication	4G, WiFi, Bluetooth, USB OTG, RS485, TCP/IP		
Optional Functions	Built in PIR, speaker, microphone, GPS and A-GPS, Security relay box for advance access control		
Backup Battery	Support	/	
Power Supply	12V 2A		
Operating Temperature	-10 °C ~ 50 °C		
Operating Humidity	20% - 80%		
Dimensions	158 * 74 * 15.6mm	205.33 * 74 * 17.7 mm	



»» Horus H1  
(F33010033)

- **Display:** 5.5 IPS LCD HD Display
- **System:** Android 10.0
- **CPU:** 64bit Octa-core Cortex-A73 CPU, 2.0GHz
- **Memory:** 4G RAM / 64G ROM
- **Face Capacity:** 50,000
- **Card Capacity:** 50,000
- **Fingerprint Capacity(optional):** 10,000
- **Logs Capacity:** 1,000,000
- **Communication:** 2.4GHz/5.0GHz Wi-Fi, Bluetooth, 4G, GPS, NFC
- **Optional Sensor:** Fingerprint
- **Power Supply:** 5V 2A
- **Operating Temperature:** -20°C to 50°C (-4°F to 122°F)
- **Operating Humidity:** <90%RH
- **Embedded Li-ion Battery:** 5200mAh
- **Protective level:** IP65
- **Software:** ZKBioCV Security, ZKBioTime
- **SDK:** Push SDK



»» G4 Pro (F23080030)

- **Display:** 7-Inch Touch Screen
- **System:** Android 9.0
- **CPU:** High Performance Android Industrial CPU
- **Memory:** 2G RAM / 16G ROM
- **Face Capacity:** 50,000
- **Card Capacity:** 50,000
- **Logs Capacity:** 1,000,000
- **Fingerprint Capacity (optional):** 30,000
- **Communication:** TCP/IP, Wi-Fi, Bluetooth, 4G (optional), USB Host, RS485, Wiegand Input/Output
- **Sensor:** QR Code Scanner, BioID+ Fingerprint Sensor (Optional)
- **Power Supply:** 12V 3A, PoE
- **Operating Temperature:** -20°C to 55°C (-4°F to 131°F)
- **Operating Humidity:** <90%RH
- **Dimensions:** 264 \* 120 \* 51 mm
- **Software:** ZKBioCV Security, ZKBioTime
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



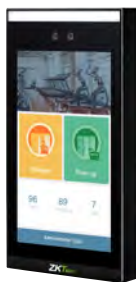
»» G5 (F23100170)

- **Display:** 8 inch TPT LCDColor Screen
- **System:** Android 9.0
- **CPU:** 64bit Eight Core Customized Computer Vision CPU
- **Memory:** 2G RAM / 16G ROM
- **Face Capacity:** 100,000
- **Card Capacity:** 100,000
- **Fingerprint Capacity (optional):** 30,000
- **Logs Capacity:** 5,000,000
- **Communication:** TCP/IP, Wi-Fi, Bluetooth, USB Host, RS485, Wiegand Input / Output
- **Optional Sensor:** QR Code Scanner, BioID+ Fingerprint Sensor
- **Power Supply:** 12V 3A, PoE
- **Operating Temperature:** -10°C to 50°C (14°F to 122°F)
- **Operating Humidity:** <90%RH
- **Dimensions:** 279.5 \* 141 \* 29 mm
- **Protective level:** IP66 & IK04
- **Software:** ZKBioCV Security, ZKBioTime
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



»» G6 (F23110391)

- **Display:** 8 inch TPT LCD Color Screen
- **System:** Android 9.0
- **CPU:** 64bit Eight Core Customized Computer Vision CPU
- **Memory:** 2G RAM / 16G ROM
- **Face Capacity:** 100,000
- **Card Capacity:** 100,000
- **Logs Capacity:** 5,000,000
- **Communication:** TCP/IP, Wi-Fi, Bluetooth, 4G (optional)
- **Visible Light+3D Structure Light Face Verify**
- **13mm ultra-thin body, swipe card down the screen**
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10°C to 50°C (14°F to 122°F)
- **Operating Humidity:** <90%RH
- **Dimensions:** 279.5 \* 141 \* 29 mm
- **Protective level:** IP65
- **Software:** ZKBioCV Security, ZKBioTime
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



»» LockerPad-7B (F23080051)

- **Display:** 7 inch Touch Screen
- **Memory:** 2G RAM / 16G ROM
- **Face Capacity:** 10,000
- **Card Capacity (Optional):** 10,000
- **Logs Capacity:** 200,000
- **Cabinet Capacity:** 96 (8 Control Boards \* 12 Control Ports)
- **Communication:** TCP/IP, USB Host, RS232, RS485, Wiegand Input
- **Power Supply:** 12V 3A,
- **Operating Temperature:** -10°C to 45°C
- **Operating Humidity:** 10% to 90%
- **Dimensions:** 113\*210\*22 mm
- **Software:** ZKBioCV Security



## Scramble QR Code & Barcode Access Control



Model	SpeedFace-V3L (F23080117)	SpeedFace-V3L [QR] (F23080123)	SpeedFace-V3L [RFID] (F23080185)
Display	2.4-inch touch Screen		
Biometric	Face / Fingerprint	Face Only	Face Only
QR Code Module	/	QR code, Bar code, PDF417 (Optional), Data matrix (Optional), MicroPDF417(Optional), Aztec (Optional)	/
RFID	ID card (Optional), IC card (Optional)	ID card (Optional), IC card (Optional)	ID card (Standard), IC card (Optional)
User Capacity	3,000		
Card Capacity	3,000 (Optional: 10,000)		
Face Capacity	500 (Optional: 1,500)		
Fingerprint Capacity	3,000 (Optional: 5,000)	/	/
Logs Capacity	200,000		
Communication	TCP/IP, WiFi (Optional), Wiegand Input / Output, RS485		
Standard Functions	ADMS, DST, Camera, 14-digit User ID, Access Levels, Groups, Holidays, Anti-passback, Record Query, Tamper Switch Alarm, Multiple Anti-Passback		
Hardware	1.2GHz Dual Core CPU, 256MB RAM/512MB Flash, 1MP Binocular Camera, Adjustable LED Fill Light		
Access Control Interface	3rd Party Electric Lock, Door Sensor, Exit Button, Alarm output, Auxiliary Input		
Power Supply	12V 3A (Optional),		
Ingress Protection Rating	IP65		
Operating Temperature	-5°C to 45°C		
Operating Humidity	10% to 90% RH		
Supported Softwares	ZKBio Access, Mobile App	ZKBio Access, Mobile App	ZKBio Access, Mobile App



Model	SpeedFace-V5L[QR] (F23080066)	SpeedFace-V5L[QR][TD] (F23080018)	SpeedFace-V5L[QR][TI] (F02040106)
Display	5-inch Touch Screen		
Face Capacity	6,000		
Palm Capacity	3,000		
Card Capacity	10,000		
Logs Capacity	200,000		
Communication	TCP/IP, WiFi (Optional), Wiegand input / output, RS485		
Health Protection	N/A	Mask detection Body temperature detection Temperature Measurement Distance: 30 ~ 50cm (For TD) / 30 ~ 120cm (For TI) Temperature Measurement Accuracy: $\pm 0.3^{\circ}\text{C}$ Temperature Measurement Environment: 16 ~ 32 $^{\circ}\text{C}$ (For TD) / 10 ~ 35 $^{\circ}\text{C}$ (For TI)	
QR Sensor	QR Code, PDF417, Data Matrix, MicroPDF417, Aztec		
Biometrics Algorithms	ZKFace V5.8 & ZKPalm V12.0		
Power Supply	12V 3A		
Operating Humidity	10% - 90%		
Operating Temperature	-10 $^{\circ}\text{C}$ ~ 45 $^{\circ}\text{C}$ (14 $^{\circ}\text{F}$ ~ 113 $^{\circ}\text{F}$ )		
Dimensions (W*H*D)	91.93 * 202.93 * 21.5 (mm)	91.93 * 220 * 22.5 (mm)	92.0 * 262.0 * 23.5 (mm)
Supported Softwares	ZKBio Access IVS / ZKBioSecurity		



## FaceKiosk-Multi-purpose Kiosk Product



»» FaceKiosk-H13A (F31040001)

- **Firmware:** Self-service Visitor
- **Display:** 13.3-inch touch screen
- **System:** Android 9.0
- **User Capacity:** 500
- **Visitor Capacity:** 9,500
- **Face Capacity:** 10,000
- **Record Capacity:** 100,000
- **Sensor:** QR Code Scanner, BiOD+ Fingerprint Sensor (Optional)
- **Communication:** TCP/IP, Wi-Fi, USB Host, Wiegand
- **Memory:** 2G RAM / 16G ROM
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 to 50°C (32 to 122°F)
- **Operating Humidity:** <90% RH
- **Special Functions:** IK04 & IP65
- **Dimensions (L\*W\*H):** 323 \* 25 \* 268 mm
- **Supported Softwares:** ZKBioCV Security, ZKBioSecurity ISP
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



»» FaceKiosk-H13C (F31040004)

»» FaceKiosk-H13C [TD] (F31040010) Integration

- **Firmware:** Self-service Visitor
- **Display:** 13.3-inch touch screen
- **System:** Android 9.0
- **User Capacity:** 500
- **Visitor Capacity:** 9,500
- **Face Capacity:** 10,000
- **Record Capacity:** 100,000
- **Sensor:** QR Code Scanner, BiOD+ Fingerprint Sensor, RFID, Ticket Printer
- **Communication:** TCP/IP, Wi-Fi, Bluetooth, 3G/4G
- **Memory:** 2G RAM / 16G ROM
- **Power Supply:** 12V 5A
- **Operating Temperature:** 0 to 50°C (32 to 122°F)
- **Operating Humidity:** 20% to 90%RH
- **Dimensions (L\*W\*H):** 354 \* 50 \* 1420 mm
- **Supported Softwares:** ZKBioCV Security, ZKBioSecurity ISP
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



»» FaceKiosk-H10B (F26090025)

- **Firmware:** Self-service Visitor
- **Display:** 10.1-inch touch screen
- **System:** Android 7.1
- **User Capacity:** 500
- **Visitor Capacity:** 9,500
- **Face Capacity:** 10,000
- **Record Capacity:** 100,000
- **Sensor:** QR Code Scanner, Ticket Printer
- **Communication:** TCP/IP, Wi-Fi, USB Host
- **Memory:** 2G RAM / 16G ROM
- **Power Supply:** 12V 5A
- **Operating Temperature:** 0 to 50°C (32 to 12°F)
- **Operating Humidity:** 20% to 90%RH
- **Dimensions (L\*W\*H):** 325 \* 25 \* 268 mm
- **Supported Softwares:** ZKBioCV Security, ZKBioSecurity ISP
- **SDK:** Push SDK / Android LCDK for 3rd-party Android Application Integration



»» FaceKiosk-H10A (F23089121)

- **Firmware:** Meeting Room Management
- **Display:** 10.1-inch touch screen
- **Face Capacity:** 10,000
- **Card Capacity:** 10,000
- **Record Capacity:** 200,000
- **Sensor:** IC Card Module
- **Communication:** TCP/IP, WIFI
- **Memory:** 2G RAM / 8G ROM
- **Operation System:** Android 7.1
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 50 °C
- **Operating Humidity:** < 90%
- **Dimensions (L\*W\*H):** 354 \* 50 \* 1420 mm (13.94 \* 1.97 \* 55.91 inch)



# SMART ENTRANCE CONTROL

Smart Entrance & Exit "Person + Car + Object"  
Software Platform Empowerment Integrated Business  
(Smart Entrance Control Application)





## ZKTeco Software

Providing comprehensive solutions is always ZKTeco's primary goal. In the 21st century, a complete solution represents a combination of software and hardware. As a well-known biometric solution provider, ZKTeco's self-developed series of cutting-edge and user-friendly software provides users with unique biometric experience.



# ZKBio CVSecurity

All-in-One Biometric Security Advanced Solutions



-   
Access Control
-   
Time & Attendance
-   
Elevator
-   
Visitor
-   
Parking
-   
Guard Patrol
-   
Video Management
-   
Consumption
-   
Facekiosk
-   
Intelligent Scene
-   
Temperature
-   
Entrance Control
-   
Locker Management
-   
Intrusion Alarm

ZKBio CVSecurity provides a comprehensive web-based security platform with the adoption of hybrid biometric and computer vision technology. It contains multiple modules: Personnel, Time & Attendance, Access Control, Visitor Management, Parking, Elevator Control, FaceKiosk, Video Management, Mask and Temperature Detection, Online/Offline Consumption, Guard Patrol, Intelligent Video Analytics, Locker Management, Intrusion Alarm, Service Center, and other smart sub-system.

The platform adopts micro-service development framework with robust system performance characteristics, such as high availability, scalable modules, fully secure communication, and solid third-party integration scalability.

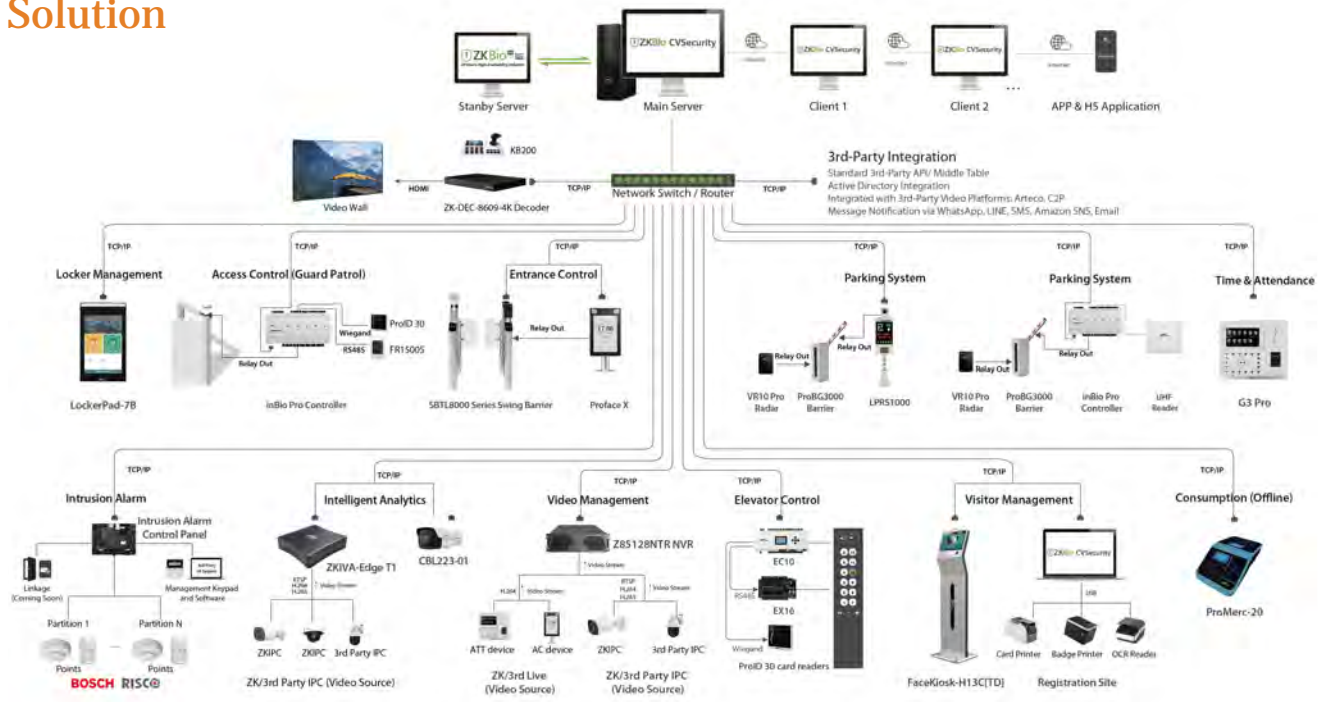
By taking full advantage of our extensive experience in the access control industry, ZKTeco integrates video surveillance and smart analysis to study real-time video content and collect meta data to create an effective early warning system and issue a prompt response. So that ZKBio CVSecurity offers a precise verification after the incident, establishing a practical security ecosystem. The system ensures safety protection for people, vehicles and properties.

ZKBio CVSecurity attained ISO certifications for information security management and data protection measures.





























ZKBio CVSecurity is compliant with ISO/IEC 27001:2013, ISO/IEC 27701:2019 & ISO9001.

Furthermore, ZKTeco's after-sales service attained a high standard and reached ISO20000.

# Solution



# Features

-   
Web Application
-   
Multi-point Deployment
-   
Flexible 3rd-Party System Integration
-   
High Availability ZK Bio HA Integration
-   
Visual Data Panel
-   
Scramble(Dynamic) QR Code Credential
-   
Mask & Temperature Detection Supported
-   
Visible Light Facial Recognition
-   
Video Patrol
-   
Global Anti-Passback and Linkage
-   
Entrance Terminal Management
-   
LPR Camera for Parking
-   
Flexible Elevator Control
-   
Smooth and Advanced Visitor Management
-   
Self-Service Visitor Management
-   
WhatsApp, LINE, SMS, Amazon SNS Notification
-   
FaceKiosk Information Screen
-   
Time & Attendance
-   
Professional Video Management System
-   
Intelligent Video Linkage
-   
Personal Trajectory
-   
Intelligent Target Search
-   
Smart Camera Perimeter Protection
-   
People Counting
-   
Smart Camera Tailing Detection
-   
Smart Camera Personnel Control
-   
Smart Camera Attendance Checking
-   
GIS Map
-   
Microsoft Active Directory
-   
Card Printer

SOFTWARE



## Key Features

### Intelligent Scene Module

- Tailing detection: Facial recognition record can cross-check with access control record to validate any personnel enter without access control record.
- Perimeter Protection Function: smart video analysis with line crossing detection to detect anyone crossing the perimeter with real-time snapshots or short videos for crossed line objects, an intelligent dashboard and detailed summary reports
- Personnel control function: Facial recognition function cross-check with allowed list, prohibited list and strangers to prompt notifications, alerts, real-time snapshot and summary reports and detailed summary reports.
- Attendance Checking Function: Real-time checking personnel attendance in the delegated area, intelligent dashboard
- People counting: Dynamically count the number of people in the area, and alarm when the number of people reaches the set value
- “Advanced smart target search” in the intelligent scene module provide more compensative functions and supports the full-platform event search of multi-credential such as, person’s name, ID number, reverse image search, gender, age, mask, glasses, jacket colour, and trousers colour, and generating detail person trajectory reports.

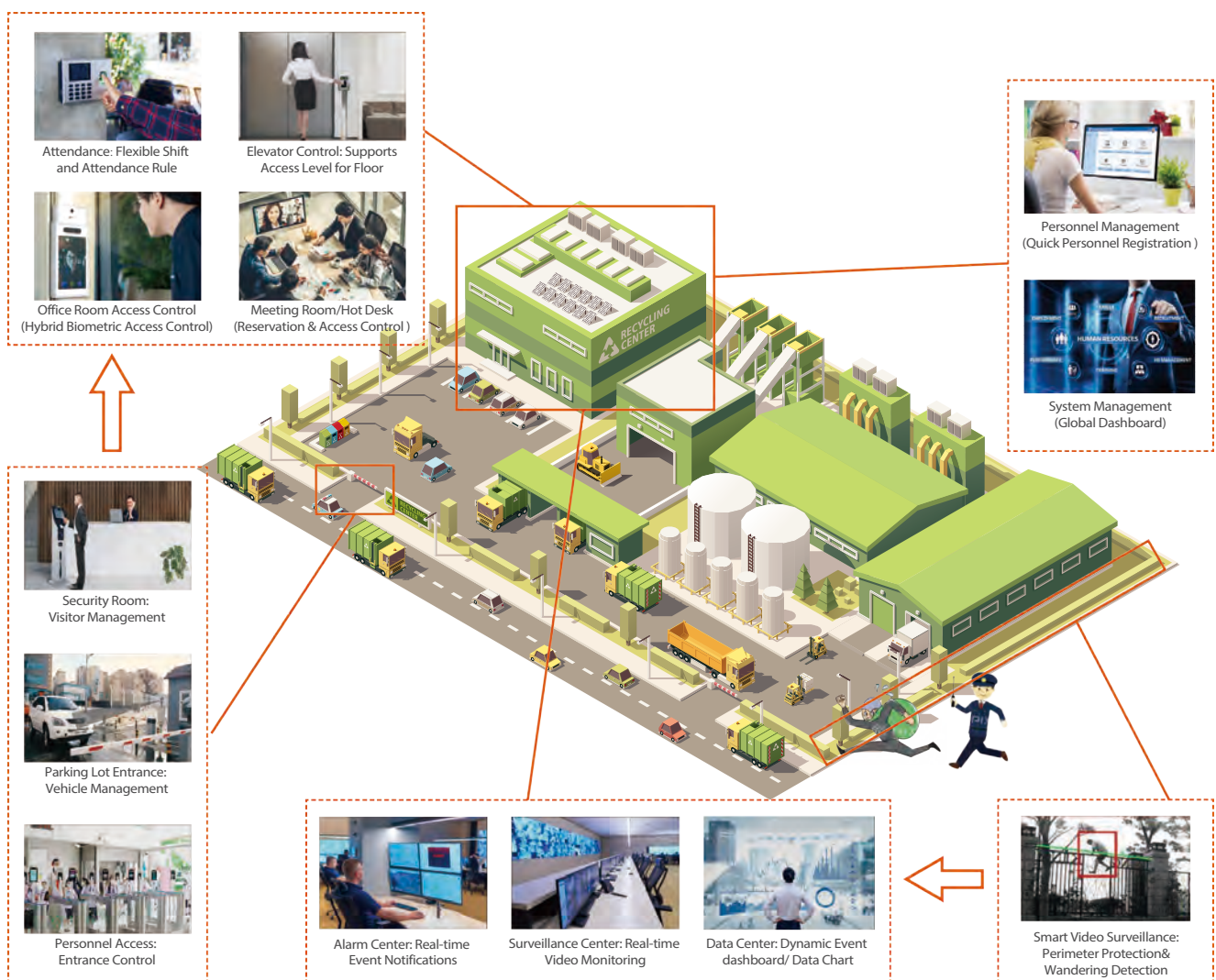
### Intelligent Video Module

- “Crowd detection” includes crowd density detection, crowd movement detection and heat maps.
- “Smart target search” supports searching targets by gender, age, hairstyle, mask, glasses, hat.
- “Smart vehicle detection” supports vehicle search and detection by multi-credential such as, plate number, vehicle type, vehicle brand, vehicle colour, etc.
- Supports behaviour analysis such as line crossing detection, intrusion detection, object left detection, object remove detection, region entrance, region exiting, rapid movement, wandering detection, and alarm linkage for abnormal behaviour.
- Supports intelligent reserve image search function.
- Maximum supports 1024 video channels, license-free for the first 64 channels, support 16 channels real-time playback simultaneously.

### More Modules Features

- Standard access control Features and advanced professional access control functions (Global Anti-Passback, Global Linkage, Global Interlock, Personnel validity period and frequency management, etc.)
- Powerful web-based time and attendance management module that can handle most of the most complicated circumstances: flexible shifts, multi-level OT, cross day shift, and online leave application with multi-level approval; View absentees in real-time, Support access control, Entrance Control, Parking, video recognition data as attendance records.
- Provides the most secure, scalable, versatile, and affordable access control solution available for elevators; supporting elevator control in a building with a maximum of 58 stories.
- Advanced visitor management module, improving the professionalism of the enrolment and visitor check-in process. It streamlines the enrolment process with pre-registration or self-registration options and allows users to create watch lists and screen against unwanted guests.

- Automatic and intelligent vehicle management, effectively and accurately monitoring and managing vehicles at all exits and entrances using different identity assessment criteria.
- Consumption module (Offline mode) is a multi-functional consumption management software module designed for multi-industry uses (retail, food and beverage, grocery, food court, etc.) to speed up services and increase operational efficiency.
- Online guard patrol module provides a new and cost-effective way to accomplish guard patrol management, guards will start and finish security patrolling at the arranged time, At the same time, video patrol is supported, and the site security inspection is quickly completed through the camera.
- Professional entrance control module supports online remote entrance terminal configuration and management to improve its maintenance efficiency.
- Temperature detection module offers an intelligent dashboard with detailed temperature and mask statistics in a quick view and reports.



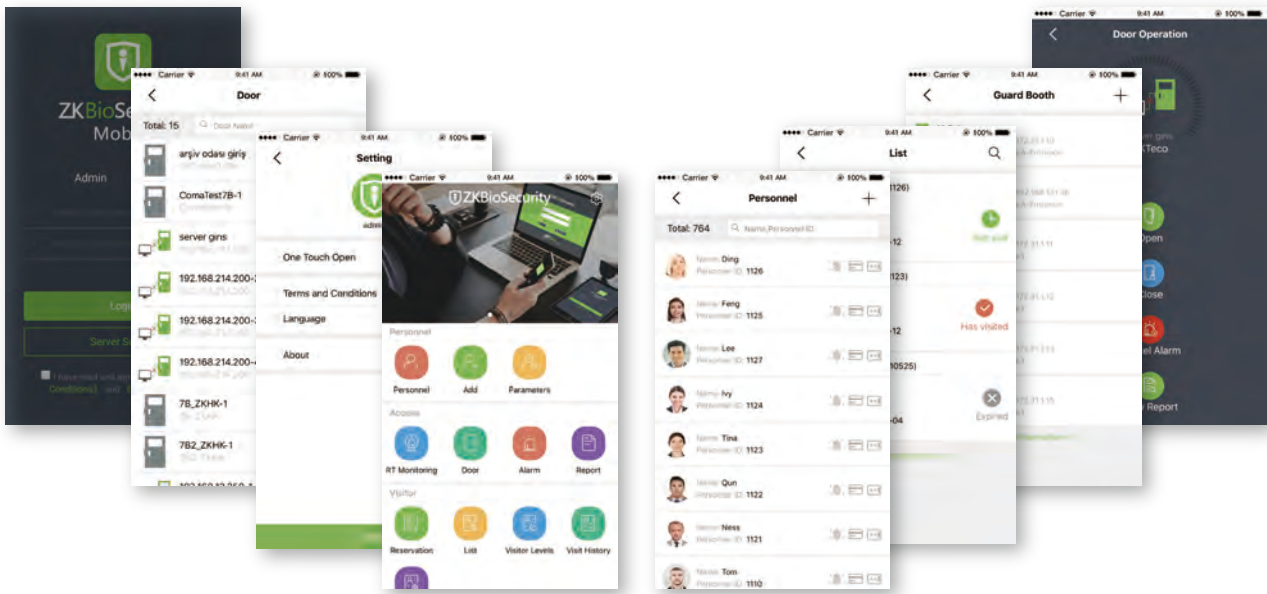


## Software Specifications

Current Version	ZKBio CVSecurity 5.0.0_R
Door Capacity	2,000
User Capacity	30,000
Supported OS	Windows 7 / 8 / 8.1 / 10 / 11 server 2008 / 2012 / 2016 / 2019 Linux Ubuntu® 20.04
Database	PostgreSQL (Default), MS SQL Server, Oracle (Optional)
Suggested Browsers	IE 11+ / Firefox 27+ / Chrome 33+ / Edge
<b>* Minimum PC Requirements</b>	
CPU	Intel(R) Core (TM) i5 1035 @ 2.6GHz or Above
Memory	8GB or above
Storage	30GB free space or larger (NFTS recommended)
Monitor Resolution	1920*1080 or above
<b>* Maximum PC Requirements</b>	
CPU	Intel(R) Core (TM) i7 1068 @ 3.6GHz or Above
Memory	16GB or above
Storage	200GB free space or larger (NFTS recommended)
Monitor Resolution	1920 * 1080 or above

# ZKBioSecurity Mobile 2.20.1

ZKBioSecurity Mobile APP is a mobile client of ZKBioSecurity software. It allows login with two types of user accounts (roles): administrators and employees. When logging in as an administrator, four modules are accessible on the main menu: Personnel, Access, Visitor, and Parking. These modules realize essential functions such as new personnel registration, real-time monitoring, visitor reservation, parking spaces application review and approval, etc. When logging in as an employee, there would be three accessible functions: attendance & calendar, attendance statistics, and mobile credential. Employees can record their own time and attendance with the app and realize contactless check-in.



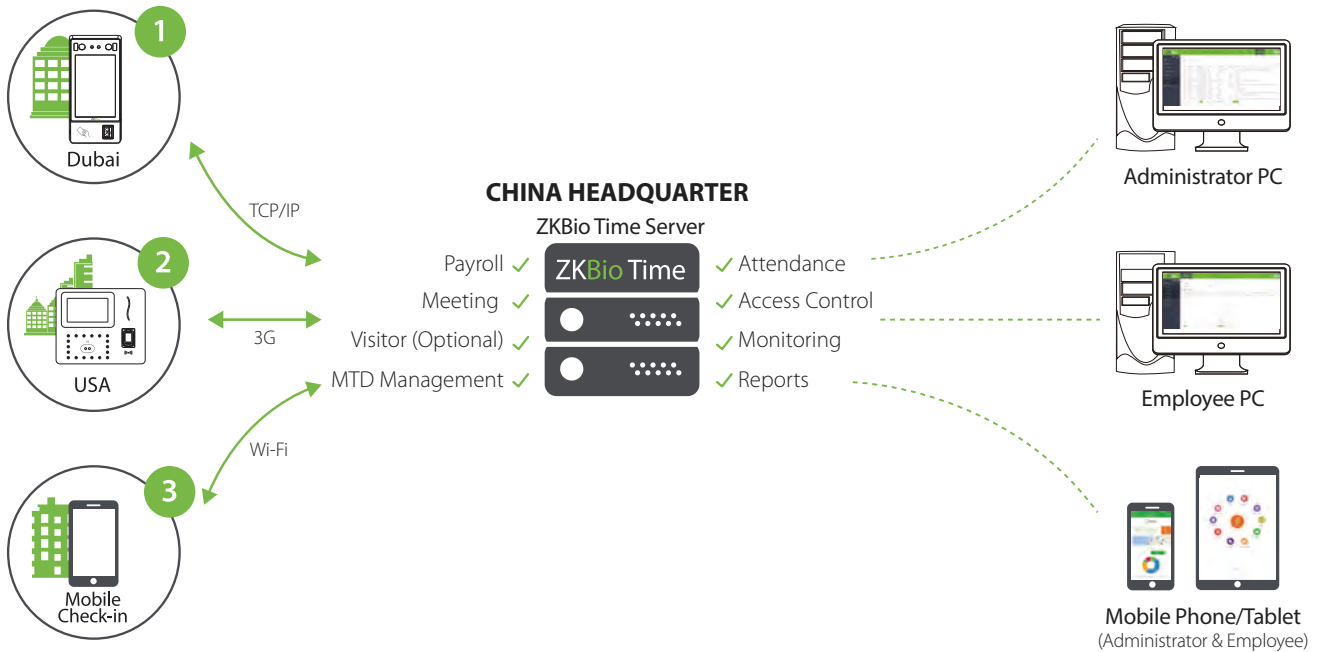
## Features

- Add, delete, modify or query personnel information through app
- Personnel module parameters settings
- Make phone calls and send messages to employee
- Real-time monitoring of access control events
- Remote door opening operations
- View information of alarm events and records of access control events
- Manage visitor appointments
- Grant the rights of access and using the elevator to visitors
- View visit history of visitors
- Fixed vehicle and temporary vehicle access authorization
- View records of vehicles access to a parking lot
- Detailed reports on vehicle charges
- Parking module parameters settings
- Time attendance self-service query
- Mobile credentials for employees
- Attendance report for Employees
- Supports Chinese, English, Spanish and Portuguese



# ZKBio Time

## Web-Based Time & Attendance Management Software



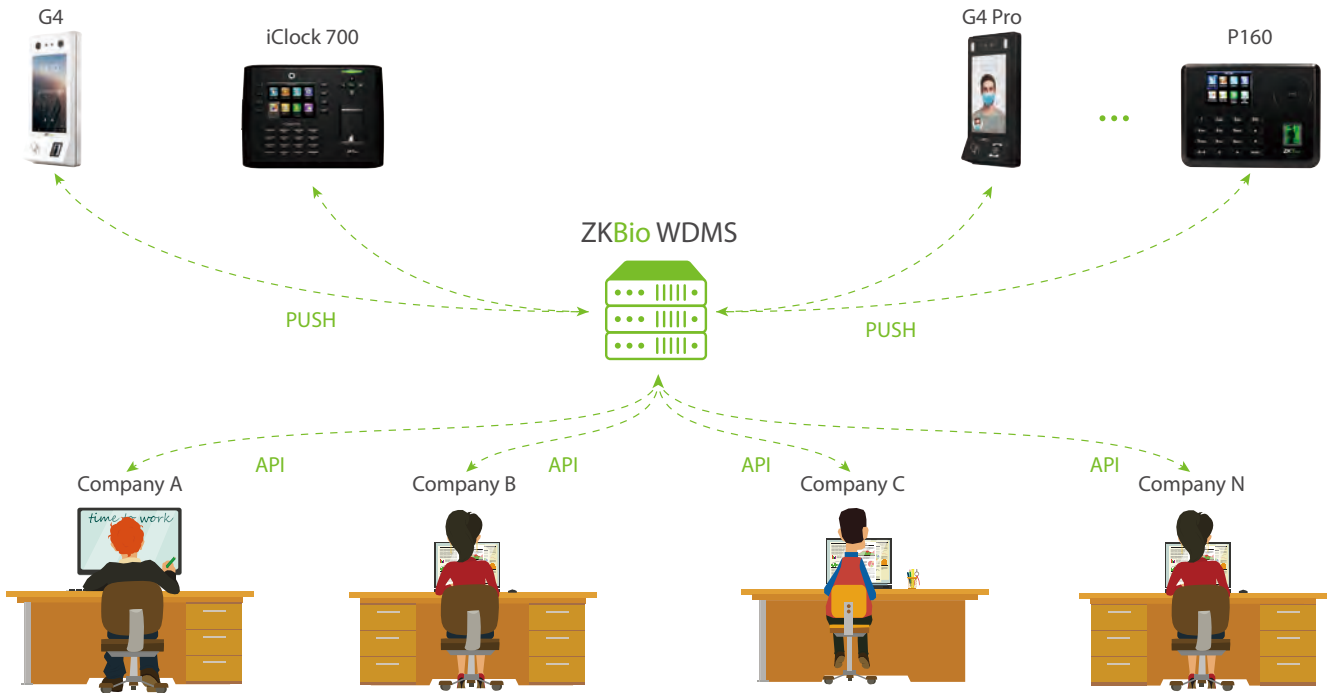
**ZKBio Time** is a powerful web-based time and attendance management software. ZKBio Time provides a stable connection to ZKTeco standalone push communication devices with Ethernet / Wi-Fi / GPRS / 3G / 4G. It serves as a private cloud which enables employee self-service with our Mobile App.

Multiple administrators can access ZKBio Time anywhere on the browser. Using the software, administrators could manage hundreds of devices and thousands of employees as well as their transactions with no difficulty.

Users could also easily manage timetables, duty rosters, schedules, attendance report generating on the attentive user interface.

# ZKBio WDMS

ZKBio WDMS stands for Web-based Data Management System, an advanced middleware. ZKBio WDMS provides a stable connection to ZKTeco's standalone devices with PUSH SDK by Ethernet/Wi-Fi/GPRS/3G/4G. Administrators can access ZKBio WDMS anywhere on the browser or a third-party software with API to manage thousands of devices, thousands of employees and their transactions.



## Software Specifications

System Architecture	Server/Browser
Supported Device	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / U Series / UA Series / LP Series / Face Series / VF Series / X Series
Device Capacity	500 in Single Server
Database	PostgreSQL (Default) MSSQL Server 2005 / 2008 / 2012 / 2014 / 2016 / 2017 / 2019 MySQL 5.0 / 5.6 / 5.7 Oracle 10g / 11g / 12c / 19c
Supported OS	(64-bit only) Windows 7/8/8.1/10 , Windows Server 2008 /2008 R2/2012/2012 R2/2016/2019
Suggested Browsers	Chrome 33+ / IE 11+ / Firefox 27+
Monitor Resolution	1024 * 768 or above

## Hardware Requirements

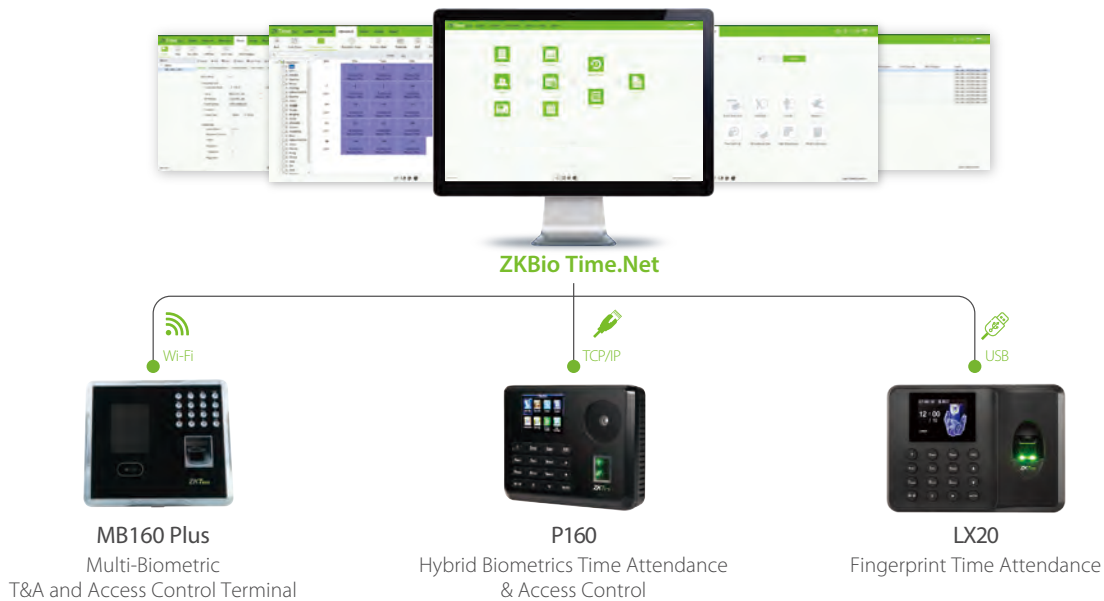
Item	Description
CPU	Dual core processor with speeds of 2.4GHz or faster
RAM	4GB RAM available or above
Storage	Available space of 100GB or above. (We recommend using NTFS hard disk partition as the software installation directory)













# ZKBio Time.Net

## Lite Time Attendance Software for SME

### Solution



### Features

-  Multiple Languages
-  Hybrid-biometric Templates
-  Auto-schedule & Smart Shift Schedule
-  Flexible & Cross-day Shift Schedule
-  Attendance Calculation & 15+ Reports
-  Custom Leave & Leave Balance
-  Simple Access Control
-  Online Feedback & Update
-  E-mail Alert
-  License Control

<b>System Architecture</b>	Client / Server
<b>Device List</b>	Standalone SDK Communication Devices including A Series / B Series / iClock Series / IN Series / K Series / KF Series / LX Series / MB Series / P Series / Silk Series / S Series / D Series / U Series / uFace Series / VF Series / X Series / Green Label Series
<b>Database</b>	SQLite (Default) / MS SQL Server / PostgreSQL / MySQL
<b>Operating System</b>	Windows 7 / 8 / 8.1 / 10 (32 bit & 64 bit)
<b>Capacity</b>	2000 Users, 50 Devices
<b>Monitor Resolution</b>	1024 x 768 or above
<b>CPU</b>	Dual Core Processor with speeds of 2.0GHz or faster
<b>RAM</b>	4GB or above
<b>Storage</b>	10GB available disk space or above

# ZKBio Access IVS

## A More Comprehensive Solution Taking Small Businesses to The Next Level

ZKBio Access IVS is a lite web-based security platform developed by ZKTeco, which supports most ZKTeco Hardware. It provides abundant functionality that fulfills management requirements of small-to medium-sized businesses: Personnel Management, Access Control, Attendance Management, Video Surveillance, Temperature Detection and Management, System Management, and Mobile Application. The new version supports Turkish, it allows users to switch among 18 languages.



## Features

### Access Control

- Reliable access control logic
- Standard Anti-passback, Interlock, Linkage functions
- Supports most ZKTeco's access control terminals
- Automatic alarm notification
- Door status real-time monitoring
- User-friendly for one-click operation
- Supports expansion board for more applications

### Mask & Temperature Detection

- Supports the latest Body Temperature & Mask Detection Terminals
- Provides responsive, intuitive, user-friendly web application for body temperature screening in secure areas
- Various analysis report formats

### App.

- Supports two types of user accounts, Administrator and Employee
- Logging app with an administrator account, it is convenient for users to add personnel, control the doors and view the reports etc.
- It allows employees to use Mobile Credentials to open doors when logging in App with their account

### Time & Attendance

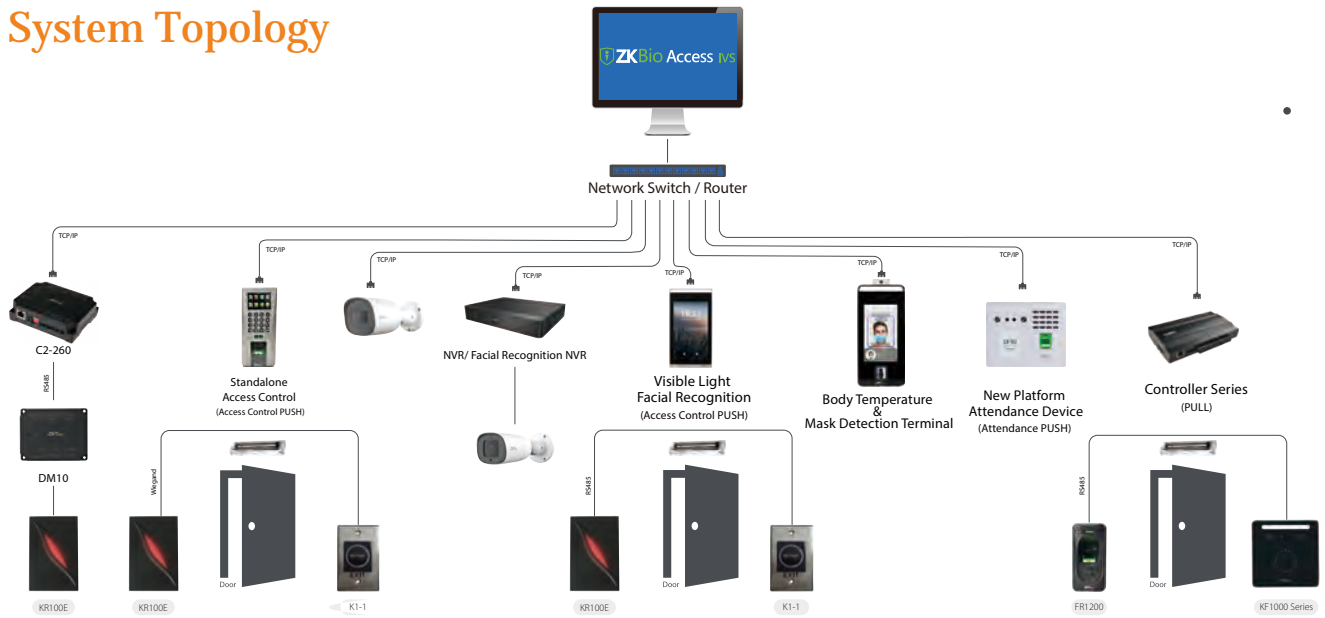
- Flexible shift scheduling
- Set attendance by area or by different person
- Web-based attendance module suitable for multiple locations
- Supports multiple devices to be the attendance point
- Facial recognition records as Attendance data
- Automatic attendance report emailed to administrator

### VMS

- Reliable Video Management System with real-time view, playback, recoding, etc.
- Powered by Artificial Intelligence, providing different functions related to facial recognition, such as: allowlist, blocklist control, face searching, people tracking, etc.
- Configure video device alarm linkage
- Intelligent Global-Linkage between Video and Access / Time & Attendance
- Works with Visible Light Facial Recognition devices to offer Video Intercom system



# System Topology



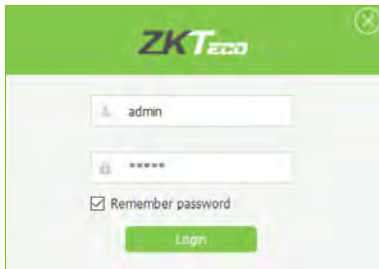
# Software Comparison

Item \ Software	ZKBio CVSecurity	ZKBio Access IVS	ZKAccess 3.5
Target Market	Project Charged (System Integration)	SMB Charged (Channel Distribution)	Free Software (Channel Distribution)
Architecture	B/S	B/S	C/S
Protocol	Push SDK	* Push SDK & Pull SDK	Standalone SDK & Pull SDK
Access Control Device	<ul style="list-style-type: none"> <li>- Access Control Panels (inBio Pro Series)</li> <li>- Green Label Standalone Series Devices (ProCapture-T / ProBio/ ProFAC / etc.)</li> <li>- Visible Light Facial Recognition Series</li> </ul>	<ul style="list-style-type: none"> <li>- Access Control Panels (C3 Series / inBio Series)</li> <li>- Standalone Access Control Devices with PUSH Firmware (F18-S / F19-S / F21 Lite / MB800 / etc.)</li> <li>- * Visible Light Facial Recognition Series</li> </ul>	<ul style="list-style-type: none"> <li>- Access Control Panels (C3 Series / inBio Series)</li> <li>- Standalone Access Control Devices with Pull &amp; Standalone Firmware (SC700 / MA500 / iClock Series / etc.)</li> </ul>
Attendance Device	<ul style="list-style-type: none"> <li>- Green Label Attendance Device (G1 / G2 / G3 / G4)</li> <li>- Visible Light Facial Recognition Series</li> </ul>	<ul style="list-style-type: none"> <li>- * New Platform Push Attendance Device (IN01-A / U160-C / iClock580 / uFace102 / etc.)</li> <li>- * Visible Light Facial Recognition Series</li> </ul>	N/A
VMS (Video Management System)	Supports	* Supports	N/A
Multiple Locations Login	Supports	* Supports	N/A
Database	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	PostgreSQL (Default) MS SQL Server & Oracle (Optional)	Microsoft Office Access (Default) MS SQL Server 2005 or Above (Optional)
License Control	Supports	* Supports	Supports (Provide Public Key on Official Website)
Service Policy	One-Year Warranty	* One-Year Warranty	N/A
License Fee	Contact us for Pricing	Contact us for Pricing	Free

\*: ZKBio Access IVS special features

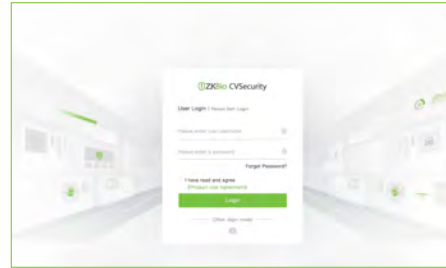
# ZKTeco Parking

## ZKTeco Parking



ZKTeco Parking is a Client/Server architecture parking lot management software. It is suitable for two-entrance and two-exit small parking lot projects and the software supports a maximum of access to 4 LPR cameras.

## ZKBio CVSecurity



ZKBio CVSecurity is a Browser / Server architecture software. Its parking lot management module is suitable for large parking projects with two-entrance and two-exit or more. It supports a maximum of access to 40 LPR cameras.


Module	ZKTeco Parking	ZKBio CVSecurity
Software Pictures		
<b>Software Specifications</b>		
System Architecture	Client / Server	Browser / Server
Supported Database	PostgreSQL	PostgreSQL, Oracle11g, SQL Server 2005/2008/2012
Supported OS	Windows 7 / 8 / 10 (32 / 64)	Windows 7 / 8 / 8.1 / 10, Windows Server 2008 / 2012 (32 / 64)
<b>Minimum PC Requirements</b>		
CPU	Dual core processor	Dual-core and above
	Processing speed with 2.4GHz	Processing speed with 2.4GHz
Memory	4GB or above	4GB or above
Storage	30GB free space or more	10GB free space or more
<b>System Specifications</b>		
System Support	Maximum: 4 cameras	Maximum: 40 cameras



# ZKTeco POMS


ZKTeco POMS software offers cloud-based operation and maintenance system for real-time monitoring of carpark, including real-time summary of equipment information which indicates the carpark area information, devices' status, instant alarm and handling of device abnormality. It is an optimal system for system integrators(SI) to conveniently and effectively manage and monitor devices' status.



**1** 

Sign in to POMS Cloud is enabled via web browser on both PC and smartphone



**2** 


Scan barcode on LPR terminal to connect the terminal to POMS Cloud



**3** 


Finish product registration process in POMS Cloud with only several simple steps



**4** 


Monitor, manage and upgrade registered terminals on POMS cloud through web browser on both PC and smartphone



**8** 


Users are enabled to receive abnormal status notifications from POMS cloud



**7** 


In case any abnormality of terminal occurs, POMS cloud delivers notification to both users, admin users and vendor side (upon setting)



**6** 

POMS provides various report types in excel format to suit different actual needs



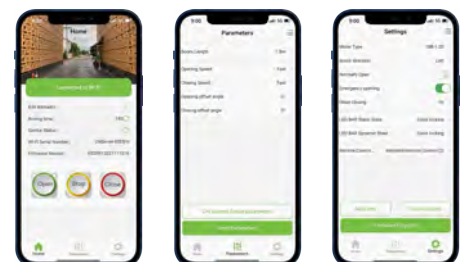
**5** 

POMS simplifies the entire management process, and enhances convenience of monitoring all performance and status of clients' terminals, enabling system integrators to provide timely maintenance service

# ZKBarrier APP

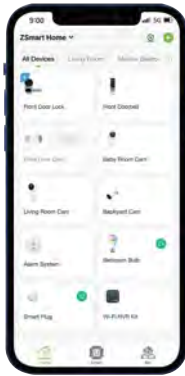
ZKBarrier APP is a debugging and configuration tool which connects through Wi-Fi network. It can control and simplify the configuration of the barrier in the booth even in bad weather. ZKBarrier APP reduces unnecessary trouble and improves efficiency.

- \* Easy to Control and Detect
- \* Quick Configuration on site
- \* Multiple function settings



# ZSmart

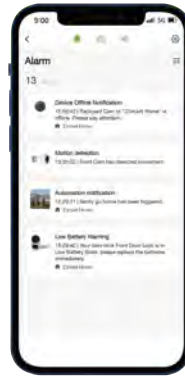
## Mobile Application for the IoT Smart Home/Office System



Remote Control



Smart Automation



Instant Notifications



Voice Control

### Features

- **Remote Control:** Easily control all your IoT devices in one App
- **Smart Automation:** Customize the different scenes to control the device automatically
- **Voice Control:** Work with Amazon Alexa and Google Assistant
- **Instant Notifications:** Receive real-time push notifications of abnormal activities

# ZK SmartKey

ZK Smartkey App is a door lock management software for mobile devices, which is compatible with iOS and Android phones. It is mainly used for door opening with mobile phones, mobile user management, user information review, and so on.

### Features

- **Visitor Mode:** Share a temporary passcode anywhere and anytime
- **Records Check:** Keep tracking who is visiting at some point.
- **Time Zone:** Grant limited access rights to your baby-sitter or house keeper
- **User Registration:** Register a fingerprint template, card, passcode with your mobile phone



Codes Sharing



Access Management



Bluetooth 4.0 Power Saving Technology



User Management



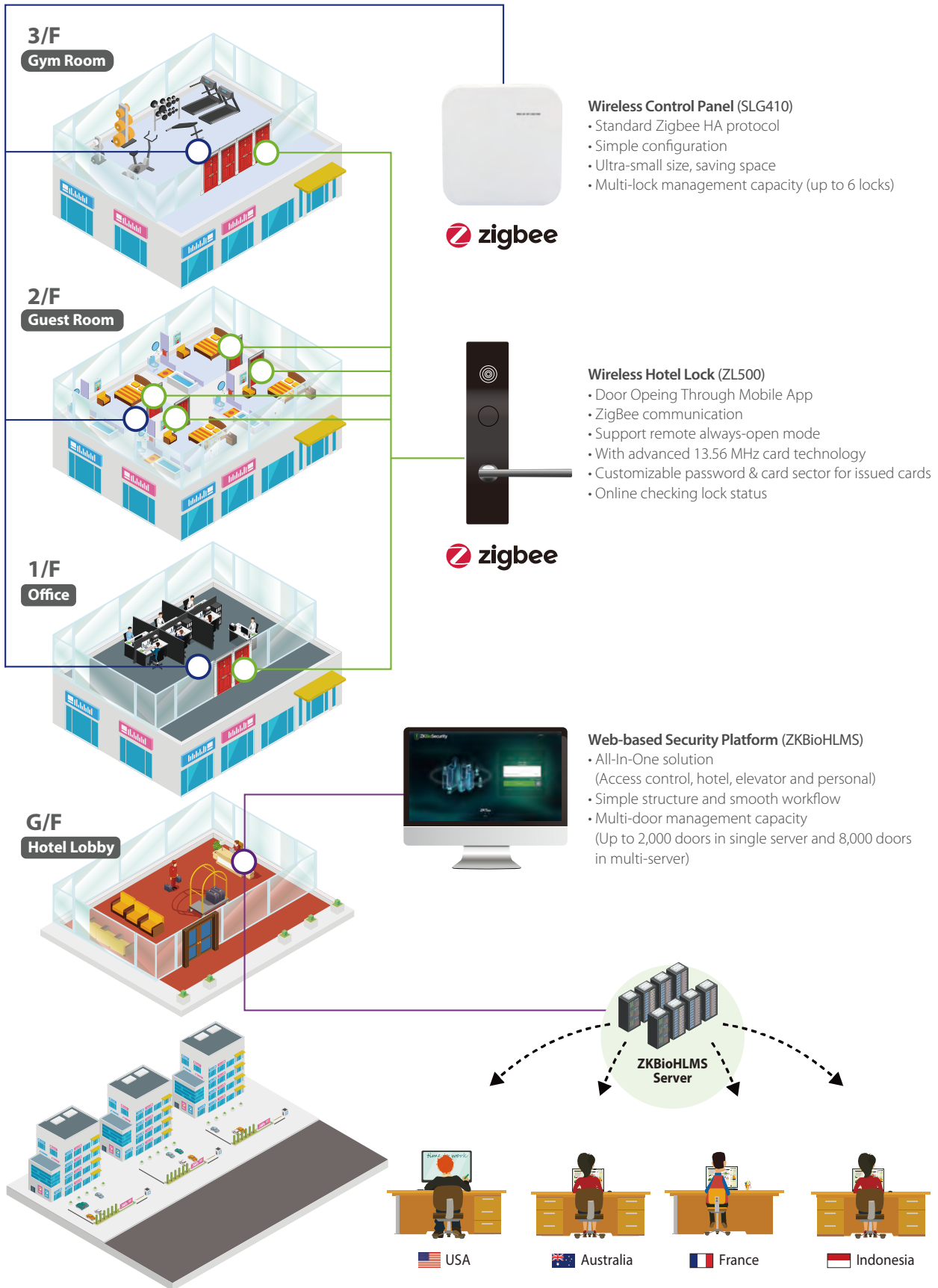
Keyless Entry






















Records



# Wireless Hotel Lock Solution



## Features

 Web-based Time Attendance Software	 Flexible and Smart Shift Scheduling	 Employee Self Service
 E-mail Alert for Approval Request	 Auto-Synchronization of Biometric Templates by Area	 Multiple Approval
 Real-time Monitoring	 Attendance Calculation and Reports	 Supports Multiple Languages
 Multiple Admin Privilege	 Database Backup and Restore	 Simple Access Control
 Payroll Management	 Easy Intergration with API	 Mobile Application
 Mask & Body Temperature Detection	 LDAP Integration for Personnel Management	 Leave Balance Management
 Custom Attendance Report Mail Delivery	 Meeting Management	 Custom Email Template

## Software Specifications

<b>System Architecture</b>	Server/Browser
<b>Supported Device</b>	Standalone Device with Attendance PUSH Protocol: Green Label Series / A Series / B Series / FaceKiosk Series / iClock Series / IN Series / KF Series / MB Series / P Series / S Series / Silk Series / U Series / UA Series / LP Series / Face Series / VF Series / X Series
<b>Device Capacity</b>	500 in Single Server
<b>Database</b>	PostgreSQL (Default) MSSQL Server 2005 / 2008 / 2012 / 2014 / 2016 / 2017 / 2019 MySQL 5.0 / 5.6 / 5.7 Oracle 10g / 11g / 12c / 19c
<b>Supported OS</b>	(64-bit only) Windows 7 / 8 / 8.1 / 10 , Windows Server 2008 / 2008 R2 / 2012 / 2012 R2 / 2016 / 2019
<b>Suggested Browsers</b>	Chrome 33+ / IE 11+ / Firefox 27+
<b>Monitor Resolution</b>	1024 * 768 or above

## Hardware Requirements

Item	Description
<b>CPU</b>	Dual core processor with speeds of 2.4GHz or faster
<b>RAM</b>	4GB RAM available or above
<b>Storage</b>	Available space of 100GB or above. (We recommend using NTFS hard disk partition as the software installation directory)



# VMS-AntarVis 2.0



## VMS-AntarVis 2.0



Software	AntarVis 2.0
Synchronously Playing	Up to 64-CH playing synchronously
Screen Size	Full screen / 4:3 / 16:9
Channel	Support up to 256 cameras
Protocol	ZKTeco / ONVIF
Video Compression	H.265 / H.264
Audio Compression	G.711a
Video Resolution	8MP / 6MP / 5M / 4MP / 3MP / 3MP / 1080P / UXGA / 720P / D1 / VGA / CIF / QCIF
Recording Mode	Scheduled / Event Alarm
Search Type	Normal / Motion / Alarm / Intelligent
Playback Channel	Support 9-CH synchronized playback
Alarm Type	Alarm In / Motion detection / Tampering / Video Loss / Intrusion alarm / Object alarm / Tripwire alarm / Counting alarm
Alarm Action	Capture / PTZ / eMap / Record / Pop Image / TV Wall
Language	Chinese Simplified / English / Spanish
OS	Windows 7 / 8 / 10

# APP-AntarView Pro+



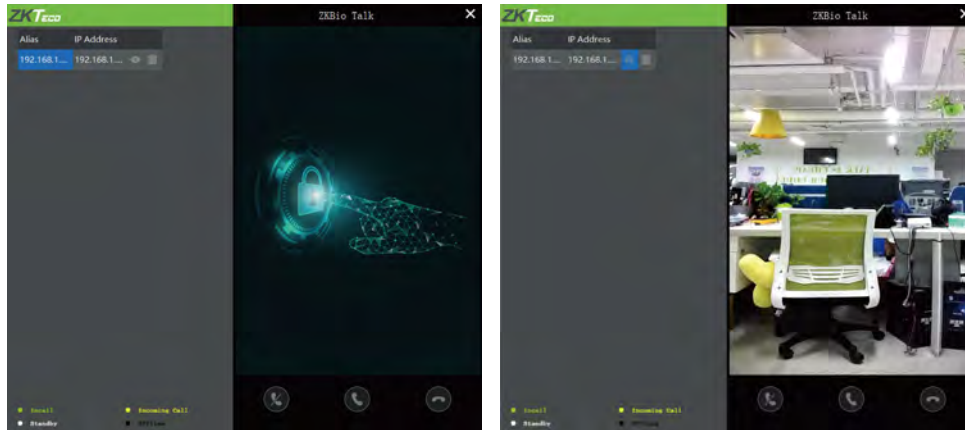
## APP-AntarView Pro+



APP	AntarView Pro+
Supported Devices	ZK 8000 Series IPC / NVR / XVR
Add Device Method	Serial Number / QR Code
Features	Remote Config / ZK Private Cloud
Compression Format	H.265 / H.264
Display Resolution	Standard Definition / High Definition (Up to the network condition)
Video Display Split	1 / 4 / 9 / 16
Function	UTC, PTZ, Snapshot, Record, Audio, Fast / Slow play
Alarm Push Type	Motion Detection, Alarm In, Video Lost, Video Mask, Disk Full, Disk Error, Illegal Access, Network Disconnect, IP Conflict, Intrusion, Object Detection, Sound Detection, Face Detection, Fire Detection, VQD, High Temperature, Low Temperature, Video Loss, Scene Change
OS	Android & IOS
CPU	1G HZ and above
RAM	2GB and above



# Video Intercom

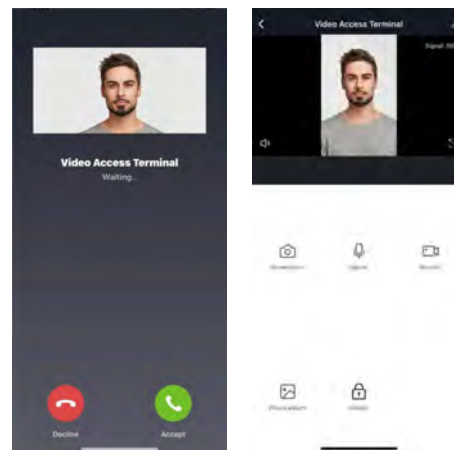


## Client Software: ZKBioTalk

### Features

- Two-way talk
- Video preview monitoring
- Real-time capture
- Remotely unlock
- Software Architecture: C/S
- Supported OS: Windows 7/8/10, Windows Server 2012/2016

Support Models: SpeedFace-V4L / V4LM1 / V5L / V5L[TD] / V5L[TI], ProFaceX / ProFaceX[TD] / ProFaceX[TI]



## Mobile APP: ZSmart

### Features

- Two-way talk
- Video preview monitoring
- Real-time capture and recording, files sharing
- Remotely unlock
- Bind up to 15 devices, one device can bind by 1 account
- Device sharing unlimited, real time monitoring up to 4 account at the same time

Support Models: SpeedFace-V4L / V4LM1 / V5L / V5L[TD] / V5L[TI], ProFaceX / ProFaceX[TD] / ProFaceX[TI], Notus



## Indoor unit: SIP protocol

### Features

- Dial-up calling
- Support LAN and WLAN (SIP Server)
- Compatible with Vpad A2 and VT07-B01
- Two-way talk
- Remotely unlock

Support Models: SpeedFace-V5L, ProFaceX

# Access Control

ZKTeco's Access Control Product line is comprised of IP-based standalone access control device, networked access control panel, readers, guard patrol and accessories with network-based one-stop access control and T&A software. Thus, ZKTeco provides one-stop R & D and manufacturing services for business partners.





2019-06-21 13:59

13:59

2019-06-21 Friday

Welcome

ZKTeco



## Face Reader



»» **KF1100** (F23080135)

»» **KF1200** (F23080138)

- Equipped with ZKTeco visible light facial recognition, offering one of the best facial recognition technologies in the industry
- Supports up to 1,500 facial/30,000 cards/100,000 records
- Supports multiple communication ports, TCP/IP, Wiegand output, RS485 (coming soon), Wi-Fi (coming soon)
- Wall Mount: KF1100 Compatible with Asian gang-box, KF1200 Compatible with Single gang-box
- User-friendly on-board web server for quick system configuration
- Fully compatible with inBio Series controller and ZKBio Access IVS security platform
- Fully complied with ZKCSBL (ZKTeco Cyber Security Base Line). Standard to provide advance protection

## Standalone Terminal-RFID



»» **SC800** (F23050026)

- **Display:** 2.4 inch TFT LCD Color Screen
- **Operation System:** Linux
- **Card Capacity:** 100,000
- **Logs Capacity:** 200,000
- **RFID:** Standard Module: ID  
Optional Multi-tech Module: IC & ID / ID & IC & HID Proxy & HID iClass
- **Communication:** TCP / IP, Wiegand, RS485, OSDP (Ver2.1.7), RS232 (only for printer), Wi-Fi (Optional)
- **Access Control Interface For:** 3rd party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell
- **Auxiliary Interface:** 1 AUX input
- **Indication Light:** Breathing light: White, Status light: Red/Green
- **Hardware:** 1GHz Dual Core CPU, DDR2 64M, Flash 256M
- **Data Protection:** AES256
- **Keypad:** Hidden Touch Keypad



»» **SC105** (F23110161)

- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** IC Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L\*W\*H):** 130 \* 94 \* 52 mm



»» SC405 (F23110160)



- **Display:** 2.0-inch TFT LCD Color Screen
- **Card Capacity:** 30,000
- **Transaction Capacity:** 80,000
- **Communication:** TCP/IP, RS485, USB-Host
- **Access Control Interface:** 3rd party electric lock, door sensor, exit button, alarm, doorbell
- **Optional Functions:** IC Card, Print Function
- **Standard Functions:** Anti-passback, Wiegand Output & Input, SRB, 1ea for linkage function
- **Operating Temperature:** 0°C ~ 45°C
- **Power Supply:** DC 12V
- **Dimension (L\*W\*H):** 143 \* 96 \* 42mm

## » Standalone Terminal-Fingerprint



»» F7-C (F02010376)



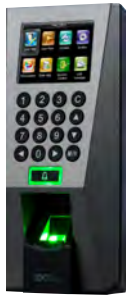
- **Display:** 2.0-Inch TFT Color Screen
- **Fingerprint Capacity:** 1500
- **ID Card Capacity:** 5000 (optional)
- **Logs Capacity:** 80000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Wiegand Out, Door Bell
- **Optional Functions:** ID / IC Card, Wiegand In, Anti-passback
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



»» F16 (F02010090)



- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, RS485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Standard Functions:** ID card, Anti-passback, Multi-verification, Wiegand in/Out, Advance access control
- **Optional Functions:** IC Card
- **Protection Rate:** IP65



»» F18 (F23070059)



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 10,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS232 / 485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out
- **Optional Functions:** ID / IC Card / HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer



»» F19 (F23070069)



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232 / 485
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%
- **Optional Functions:** ID / IC Card / HID card, ADMS, Scheduled Bell, Photo ID, SRB, Printer
- **Standard Functions:** Self-Service Query, DST, 9 Digit User ID, Webserver, External RS485 fingerprint reader, Anti-passback, Multi-verification method, Wiegand in/Out



»» F21 (F02010120)



- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Sensor:** BiolD+ Sensor
- **Communication:** TCP/IP, USB Host, RS232/485
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20% - 80%
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 Fingerprint Reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB, Camera
- **Optional Functions:** ID / IC card, ADMS, Photo ID, Printer, T9 Input
- **Dimensions:** 205 \* 86 \* 45mm (L\*W\*T)



»» F21 Lite (F02010121)

- **Display:** 2.4-Inch TFT Color Screen
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 100,000
- **Dimensions:** 205 \* 86 \* 45 mm (T\*W\*H)
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS232/485
- **Operating Temperature:** 0 °C- 45 °C
- **Operating Humidity:** 20%-80%
- **Optional Functions:** ID / IC Card, ADMS, Photo ID, Printer, T9 Input
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Scheduled Bell, DST, 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, Multi-verification, Wiegand in/Out, SRB



»» F22 (F23070099)



- Ultra-thin equipment
- **Fingerprint Sensor:** BioID / BioID+ (optional)
- 2.4-inch TFT LCD Color Screen
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 5000 ID / IC (Optional)
- **Communication:** RS232/485, TCP/IP, USB-host, Wi-Fi
- ADMS (Optional)



»» Notus (F02010857)

- Video Intercom with 2MP IR camera
- Remotely opens door and receives alarm by Android & iOS Apps - ZSmart
- Full access control features: Anti-passback, access control interface for 3<sup>rd</sup> party electric lock, door sensor, exit button, alarm and doorbell
- **Multi-frequency RFID Card Reader:** ID / IC / IC EV1
- Communication via TCP/IP and Wi-Fi (Optional)
- Reader Mode connect to control panel, via RS485 and Wiegand
- **User / Card Capacity:** 5,000
- **Fingerprint Capacity:** 5,000
- **Transactions:** 200,000
- Webservice
- Onvif protocol
- POE (Optional)



»» MA300 (F02010874)



- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 10,000
- **Logs Capacity:** 100,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Temperature:** -10 °C - 60 °C
- **Operating Humidity:** 10% - 90%
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Wiegand in/Out
- **Optional Functions:** IC Card / HID card, SRB, Multi-verification method
- **Protection Rate:** IP65
- **Dimensions:** 205 \* 86 \* 45mm (L\*W\*T)
- **Gross Weight:** 1.15kg



»» MA500 (F02010338)



- **Fingerprint Capacity:** 3000
- **ID Card Capacity:** 30000
- **Logs Capacity:** 100000
- **Communication:** TCP/IP, RS485
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Wiegand Out, advance access control, Anti-passback, DoorBell, Multi-verification method
- **Optional Functions:** IC Card
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C - 45 °C
- **Ingress Protection Rate:** IP65



»» TF1600 (F02010434)



- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Sensor:** Low Temperature Resistance Optical Sensor
- **Communication:** TCP/IP, RS485
- **Standard Functions:** ID Card, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in / Out
- **Power Supply:** 12V 3A
- **Optional Functions:** IC Card
- **Operating Temperature:** -40 °C- 45 °C
- **Ingress Protection Rate:** IP65



»» TF1700 (F02010436)

- **Display:** 128 x 64 OLED
- **Fingerprint Capacity:** 3,000 (8,000 Optional)
- **ID Card Capacity:** 10,000 (30,000 Optional)
- **Logs Capacity:** 50,000 (100,000 Optional)
- **Sensor:** Infrared detection fingerprint sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Power Supply:** 12V 3A
- **Operating Environment:** -10 °C - 50 °C;
- **Protection Rate:** IP65
- **Dimensions:** 185 \* 62.5 \* 41.5mm (L\*W\*H)
- **Standard Functions:** 9 Digit User ID, External RS485 fingerprint reader, Anti-passback, ID card, Webserver, SMS, DST, Multi-verification method, Wiegand in / Out
- **Optional Functions:** IC card, SRB, Workcode, Self-Service Query, ADMS



»» SF300 (F02010656)

- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP/IP, USB Host, RS485
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell
- **Optional Functions:** ID / IC Card, Scheduled Bell, External Bell
- **Power Supply:** 12V 3A
- **Optional Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



»» SF400 (F02010654)

- **Display:** 2.8 inch resistive touch screen
- **Fingerprint Capacity:** 1,500
- **ID Card Capacity:** 5,000 (optional)
- **Logs Capacity:** 80,000
- **Sensor:** ZK Optical Sensor
- **Power Supply:** 12V 3A
- **Communication:** TCP/IP, USB Host, RS485
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%
- **Optional Functions:** ID / IC Card, Scheduled Bell, External Bell
- **Standard Functions:** Self-Service Query, Automatic Status Switch, Multi-verification method, 9 Digit User ID, Advance access control, Anti-passback, Wiegand in/Out, Door Bell



>>> X7 (F02010498)



- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** IC Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



>>> X8s (F02010506)



- **Fingerprint Capacity:** 500
- **ID Card Capacity:** 500
- **Standard Functions:** ID card, Simple access control, DoorBell, Multi-verification method
- **Optional Functions:** IC Card
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%

## ∨ Standalone Terminal-Multi-Biometric



- **Display:** 2.8-inch TFT LCD Color Screen
- **Face Capacity:** 400
- **Fingerprint Capacity:** 1,000
- **Card Capacity:** 1,000(Optional) ID or IC Card
- **Transaction Capacity:** 100,000 Transactions
- **Communication:** RS485, TCP/IP, USB-host
- **Algorithm Version:** ZKFinger VX10.0 & ZKFace VX7.0
- **Access Control Interface:** 3rd Party Electric Lock, Door Sensor, Exit Button, Alarm, Doorbell, Wiegand In/Out
- **Aux. Input:** 1ea for linkage function
- **Standard Function:** DST, Automatic Status Switch, Anti-passback, Scheduled-Bell, PhotoID
- **Power Supply:** 12V DC, 3A



>>> MultiBio 800 (F02030006)

## ∨ Standalone Terminal-Finger Vein



»» FV18 (F02010540)

- **Display:** 2.4-inch TFT LCD Color Screen
- **Fingerprint Capacity:** 1,000
- **Card Capacity (Optional):** 5,000
- **Log Capacity:** 100,000
- **Communication:** TCP/IP, USB-host, WIFI (Optional)
- **Standard Functions:** DST, Record Query, Anti-passback
- **Optional Functions:** Webserver, WorkCode, Printer, Wireless Doorbell
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0 °C - 50 °C
- **Operating Humidity:** 20% - 80%
- **Dimension (L\*H\*D):** 210.9 \* 80.1 \* 96mm

## ∨ Control Panel-C2 Series



»» C2-260 (F02060214)

- **Communication:** TCP/IP, RS485 (extension), RS485 (reader)
- Controlling two doors by default; max. 10 (with DM10s)
- **AUX IN:** extend to 4 (AUX485)
- **Number of Doors Supported by Default:** 2
- **Number of Auxiliary Inputs:** 2
- **Number of Auxiliary Outputs:** 2
- **RS485 Extension Port:** 1
- **RS485 Reader Port:** 1
- **Number of Readers Supported:** 4
- **Types of Readers Supported:** RS485 card reader, Wiegand reader (WR485)
- **DM10 (Single-Door Extension Board) (Optional):** Max.8
- **AUX485 (RS485-4 Aux. IN Converter) (Optional):** 2
- **WR485 (RS485-Weigand Converter) (Optional):** 4
- **Card Capacity:** 30,000
- **Log Capacity:** 200,000



## Control Panel-DM10



»» DM10 (F02010434)

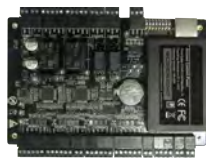


- **Doors Controlled:** 1 Door
- **Readers Supported:** 2 (2 26-bit wiegand reader)
- **Types of Readers :** 26-bit Wiegand
- **Number of Inputs:** 3 (1 exit Device and 1Door Status, 1 AUX)
- **Number of Outputs:** 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)
- **Communication:** TCP/IP and RS-485 USB
- **Power:** 9.6V - 14.4V DC

## Control Panel-C3 Series



»» C3-100 (F23020001)



»» C3-200 (F23020002)



»» C3-400 (F23020003)



- **Number of Inputs:** C3-100: 2 (Exit Device and Door Status);  
C3-200: 6 (2 Exit Device, 2 Door Status, 2 AUX)  
C3-400: 12 (4 Exit Device, 4 Door Status, 4 AUX)
- **Number of Outputs:** C3-100: 2 (1-From C Relay for Lock and 1-Form C Relay for Aux Output);  
C3-200: 4 (2-From C Relay for Lock and 2-Form C Relay for Aux Output);  
C3-400: 8 (4-Form C Relay for Lock and 4-Form C Relay for Aux Output)
- **Weight:** C3-100: 7.4lbs (3.35kg); C3-200: 7.5lbs (3.4kg); C3-400: 7.8lbs (3.55kg)
- **Doors Controlled:** 1 Door / 2 Door / 4 Door
- **Readers Supported:** 2; 4; 4
- **Card Holders Capacity:** 30,000
- **Log Events Capacity:** 100,000
- **Communication:** TCP/IP, RS232 / 485
- **Types of Readers:** 26-bit Wiegand, others upon request
- **Mounting:** Wall Mount
- **Power Supply:** 12V DC, 1.5A
- **Enclosure:** Powder Coated Aluminium
- **Dimensions (Bundle Only):** 380 \* 80 \* 280mm (L\*W\*H)
- **Dimensions (Board Only):** 160 \* 106mm

## Control Panel-Elevator Control



»» EC10 (F23010003)

- Floor Button Control Relay: 10
- Fingerprint Capacity: 3,000
- RFID Card Capacity: 30,000
- Event Capacity: 100,000
- Communication to PC: TCP/IP, RS485
- Communication to EX16: RS485
- Number of supported EX16: 3
- Power Supply: 12V DC 1A
- Dimension (L\*D\*H): 242 \* 95 \* 60 mm
- Net weight: 0.8Kg



»» EX16 (F02060043)

- Floor Button Control Relay: 16
- Communication to EC10: RS485
- RS485 address: Set by DIP switch
- Power Supply: 12V DC 1A
- Dimension (L\*D\*H): 160 \* 106 mm
- Net weight: 0.2Kg

## Reader-Fingerprint



»» FR1200 (F08010005)



- Sensor: ZK small-sized sensor
- Standard Function: ID Card Module
- Optional Function: IC Card Module
- Communication: RS485
- CPU: 1G Hz
- Voice Prompt: Buzzer
- Protection Grade: IP65
- Working Voltage: 12V DC
- Working Temperature: 0°C ~ 45°C
- Dimension (L\*W\*H): 102 \* 50 \* 37 mm



## Control Panel-InBio Series



»» InBio-160 (F02060298)



»» InBio-260 (F02060302)



»» InBio-460 (F02060305)



- **Readers Supported:** InBio-160: 4 (2 RS-485 Reader, 2 26-bit wiegand reader);  
InBio-260: 8 (4 RS-485 Reader, 4 26-bit wiegand reader);  
InBio-460: 12 (8 RS-485 Reader, 4 26-bit wiegand reader)
  - **Number of Inputs:** InBio-160: 3(1exit Device and 1 Door Status, 1 AUX);  
InBio-260: 6 (2 exit Device and 2 Door Status, 2 AUX)  
InBio-460:12(4 exit Device and 4 Door Status, 4 AUX)
  - **Number of Outputs:** InBio-160: 2 (1-Form C Relay for Lock and 1 Form C Relay for Aux Output)  
InBio-260: 4 (2-Form C Relay for Lock and 2 Form C Relay for Aux Output);  
InBio-460: 8 (4-Form C Relay for Lock and 4 Form C Relay for Aux Output)
  - **Dimension(L\*H\*W):** inbio160 & inbio260: 185\*106\*36 mm; inBio460: 452\*212\*72 mm
  - **Package Weight:** InBio-160: 3.6kg; InBio-260: 3.6kg; InBio-460: 3.7kg
- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• <b>Doors Controlled:</b> 1 Door / 2 Door / 4 Door</li> <li>• <b>Card Holders Capacity:</b> 30,000</li> <li>• <b>Fingerprint Capacity:</b> 3,000 (optional 20,000)</li> <li>• <b>Log Events Capacity:</b> 100,000</li> <li>• <b>Types of Readers:</b> 26-bit Wiegand and RS485 FR Series Reader</li> </ul> | <ul style="list-style-type: none"> <li>• <b>Communication:</b> TCP/IP and RS-485</li> <li>• <b>CPU:</b> 32 bit 400MHz CPU</li> <li>• <b>RAM:</b> 32M</li> <li>• <b>Flash Memory:</b> 128M</li> <li>• <b>Power Supply:</b> 9.6V - 14.4V DC</li> </ul> |
|--|--|

## Static & Dynamic QR code Reader



»» QR50BE  
(X02101505)  
QR50BM  
(X02101507)



»» QR50WE  
(X02101506)  
QR50WM  
(X02101508)



»» QR500-BE  
(F23120053)



»» QR500-WE  
(F23120055)

- New QR code access control technology.
- Supports output modes of Wiegand 26/34/66, RS485, and USB (for firmware update only).
- Supports 125kHz ID Cards or 13.56MHz IC Cards, which includes Ultralight, Mifare (S50/S70), CPU, NFC (analog Card), Desfire EV1, NTag
- **Reading Distance:** Code  $\geq 5\text{cm}$ ; RFID Card  $\geq 4\text{cm}$
- Support dynamic QR code function to communicate with inBio Pro series control panel via RS485 and support static QR code via wiegand

### 125K/13.56 MHz RFID and QR Code Reader

- **Communication:** Wiegand 26 / 34 / 66, RS485 and USB
- **QR Code Type:** Data Matrix, PDF417, GS1 Databar, Code 128 / EAN128, UPC / EAN, Codabar, Code 39 / Code 93 etc
- **RFID Card:** EM card, S50, S70, DESFire, Ntag
- **Reading Distance:** RFID card  $\geq 4\text{cm}$  QR code  $\geq 5\text{cm}$
- Support scramble QR code via RS485 connect with inBio Pro
- **USB Cable Length:**  $1000 \pm 10\text{mm}$
- **Operating Voltage:** DC 12V, USB 5V
- **Operating Current:**  $\leq 400\text{mA}$
- **Operating Temperature:**  $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$
- **Dimension:**  $86 * 86 * 50\text{mm}$



Model	QR600-HK (F23160055)	QR600-H (F23160053)	QR600-VK (F23160051)	QR600-V (F23160049)
QR Sensor	QR, Data Matrix, PDF417, GS1 Databar, Code 128 / EAN128, UPC / EAN, Codabar, Code 39 / Code 93 etc.			
RFID	125kHz ID crads / 13.56MHz IC Cards			
Reading Distance	QR Code $\geq 5\text{cm}$ ; RFID Card $\geq 4\text{cm}$			
Communication	Wiegand & RS485			
Protection	IP65			
Power	DC 12V ( $\pm 5\%$ )			
Operating Temperature	$-20^{\circ}\text{C}$ to $60^{\circ}\text{C}$			
Storage Temperature	$-20^{\circ}\text{C}$ to $80^{\circ}\text{C}$			
Operating Humidity	20% to 80% (assuming the working environment temp. is $25^{\circ}\text{C}$ )			
Dimensions (L*W*H)	120 * 80 * 16 (mm)		138 * 58 * 16 (mm)	



»» BR1200 (F02010795)

- Multibiometrics with QR Code, FP, Palm and RFID
- Modular design for easy maintenance and disassembly
- **Multiple Code Scanning Formats:** PDF417, QR code Model 1/2, Micro QR, Data Matrix and GS1-DataBar
- **2.8-inch Screen to Check Information of Verification Card Capacity:** 5000 ID / IC (Optional)
- Special design for barrier integration
- Built-in access controller to control barrier

## » Metal Reader



»» MR1010 / MR1020  
(X02101208 / X02101210)

- IK10 (vandal-proof) and IP66 (waterproof and dust-proof)
- Metal casing
- **Operating Frequency:** 125kHz & 13.56MHz
- **Operating Temperature:** -40°C ~ 60°C
- Wiegand outputs 26 / 34bits
- **Reading Distance:** 2 ~ 6cm



»» MR100  
(ID: X02101012 / IC: X02101071)

### Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125K EM / 13.56MHz IC Card;  
Wiegand 26 ~ 37 bits output (default: 26bits)  
External LEDD & BuZZer Control
- **Reading Range:** 3 ~ 8cm
- **Operating Voltage:** 9 ~ 18V
- **Operating Temperature:** -40°C ~ +60°C
- **Dimensions:** 103 \* 48 \* 19mm



»» MR101  
(ID: X02102040 / IC: X02101059)

### Metal Case, Antil-vandal

- **Waterproof:** IP66
- **Card Type:** 125KHz EM / 13.56MHz IC Card;  
Wiegand 26 ~ 37 bits output (default: 26bits);  
External LEDD & BuZZer Control
- **Reading Range:** 3 ~ 8cm
- **Operating Voltage:** 9 ~ 18V
- **Operating Temperature:** -40°C ~ +60°C
- **Dimension:** 103 \* 48 \* 19mm

## ∨ Metal Standalone Device



»» MKW-V2  
(X02112046)



»» MKW-H2  
(X02112050)

### Waterproof Standalone A&C Device Supporting Card & Password Authentication

- Metal case
- Touch keypad
- IP65 - waterproof and dustproof
- A&C Standalone
- **User Capacity:** 5,000
- **Password Capacity:** 5,000
- **Password:** 4 to 6 digits
- **Verification Modes:** Card Only / Password Only / Card + Password  
1 Relay / 1 Door Sensor / 1 Exit Button / 1 Doorbell / 1 Tamper Alarm
- **Wiegand Reader:** W26 / W34



»» SKW-V  
(X02112088)



»» SKW-H  
(X02112091)

- Metal case
- keypad
- IP65 Waterproof and Dustproof Levels
- A&C Standalone
- **User Capacity:** 5,000
- **Password Capacity:** 5,000
- **Password:** 4 to 6 digits
- **Verification Modes:** Card Only / Password Only / Card + Password  
1 Relay / 1 Door Sensor / 1 Exit Button / 1 Doorbell / 1 Tamper Alarm
- **Wiegand Reader:** W26 / W34



»» MK-V  
(ID: X0211204 / IC: X02112005)

### Metal Case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4 ~ 6 digits PIN
- **RFID:** 125k EM / 13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9 ~ 18V
- **Operating Temperature:** -40°C ~ +60°C
- **Dimension:** 130 \* 55 \* 23mm



»» MK-H  
(ID: X02112002 / IC: X02112003)

### Metal case, Antil-vandal

- **Waterproof:** IP66
- One Relay, 1,000 users; 4 ~ 6 digits PIN
- **RFID:** 125k EM / 13.56MHz IC Card; Backlit Keypad
- **Operating Voltage:** 9 ~ 18V
- **Operating Temperature:** -40°C ~ +60°C
- **Dimension:** 120 \* 76 \* 25mm



## Wireless Reader



»» WRF100 MF  
(X02101058)

### 433MHz Rolling Code Technology, with 433 Acceptor Module

- Card Type: 13.56MHz IC Card
- Wiegand: W26 / W34
- Communication Distance: 30m Maximum;  
Ultra low power consumption
- Waterproof: IP65
- Operating Temperature: -20°C ~ +60°C
- Dimensions: 120 \* 50 \* 20mm

## Standalone Device



»» SA40-B  
(X02101199)

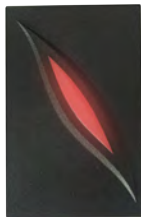


»» SA40-W  
(X02101201)

### Supporting RFID & Password Authentication

- Password Length: 4 to 6 digits
- User Capacity: 2,000
- Password Capacity: 2,000
- RFID: 125kHz EM Card / 13.56MHz IC card,  
S50 S70, IC EV1
- Operating Temperature: -20°C to 60°C
- Humidity Storage: 15% to 90%

## Reader -Wiegand RFID Reader



»» KR100E / M  
(X02108044 / X02108013)

- Read 125KHz Proximity ID / 13.56MHz IC  
card number
- Wiegand output 26 / 34 bit
- Dimension: 116 \* 75 \* 17.3mm



»» KR101E / M  
(X02108045 / X02101042)

- Read 125KHz Proximity ID / 13.56MHz IC  
card number
- Wiegand output 26 / 34 bit
- Dimension: 77.5 \* 42.8 \* 16.5mm



»» KR102E / M  
(X02102031 / X02108251)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 16.3mm



»» KR200E / M  
(X02108230 / X02101039)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 16.8mm



»» KR201E / M  
(X02108046 / X02101043)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 84.5 \* 44 \* 16.8mm



»» KR202E / M  
(X02102041 / X02102042)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 22.4mm



»» KR310  
(X02101041)

- ID, Mifare Classic (4B UID / 7B UID), Desfire(4B UID)
- Wiegand 26 / 34 bit (EM/IC)
- **Cable Length:** 1500±50mm
- **Operating Temperature:** -10°C ~ +70°C
- **Protection:** IP65
- **Dimension:** 77.5 x 42.8 x 16.5mm



»» KR500E / M  
(X02108026 / X02108004)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 44 \* 78 \* 16mm



»» KR502E / M  
(X02108010)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 22.4mm



»» KR503E  
(X02108259)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 75 \* 116 \* 16mm



»» KR600E / M  
(X02108260 / X02108262)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 75 \* 116 \* 16mm



»» KR601E  
(X02108049)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 16mm



»» KR602E / M  
(X02102036 / X02101069)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 86 \* 86 \* 20mm



»» KR702E / M  
(X02108252 / X02108253)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Wiegand output 26 / 34 bit
- **Dimension:** 113 \* 75 \* 16mm

## Reader -RS485 Card Reader



»» KR503E / M-RS  
(X02113058 / X02113059)

- Read 125KHz Proximity ID / 13.56MHz IC card number
- Communication: RS485
- Dimension: 75 \* 116 \* 16mm

## Reader -Card Issuer



»» CR10E / M  
(X00603005 / X00603007)

- Read 125K proximity / 13.56MHz IC card number, USB interface



»» CR10MW  
(X00603006)

- Read & Write 13.56MHz IC Card, USB interface



»» CR20E / M  
(X00603016 / X00603017)

- Read 125K proximity / 13.56MHz IC card number, USB interface



»» CR20MW  
(X00603018)

- Read & Write 13.56MHz IC Card, USB interface



## Smart Video Surveillance

ZKTeco Smart Video Surveillance Department, which was established in 2010, focuses on providing all-in-one and competitive security solution to a variety of vertical applications including retail, traffic, buildings and schools etc.

Powered by experienced R&D capacity in algorithm, software, hardware as well as ID/MD design, ZKTeco continues to develop and launch the industry cutting-edge computer vision solutions like multi-algorithm facial recognition cameras line-up which empowers access checkpoint scenarios.

ZKTeco has built the completed video surveillance product lines including smart IP cameras, Network Video Recorders, Network PTZ and related Switches, LED monitors, Decoders, Splicing screens, Network cables,etc, and comprehensive solution based on ZKBio Access IVS and ZKBio CVsecurity empowered by ZKTeco cutting edge deep-learning algorithm of Human/ Vehicle intelligence to satisfy various requirements and applications.

**Please contact us for order placement.**

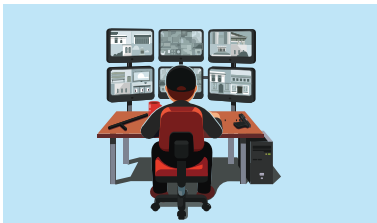
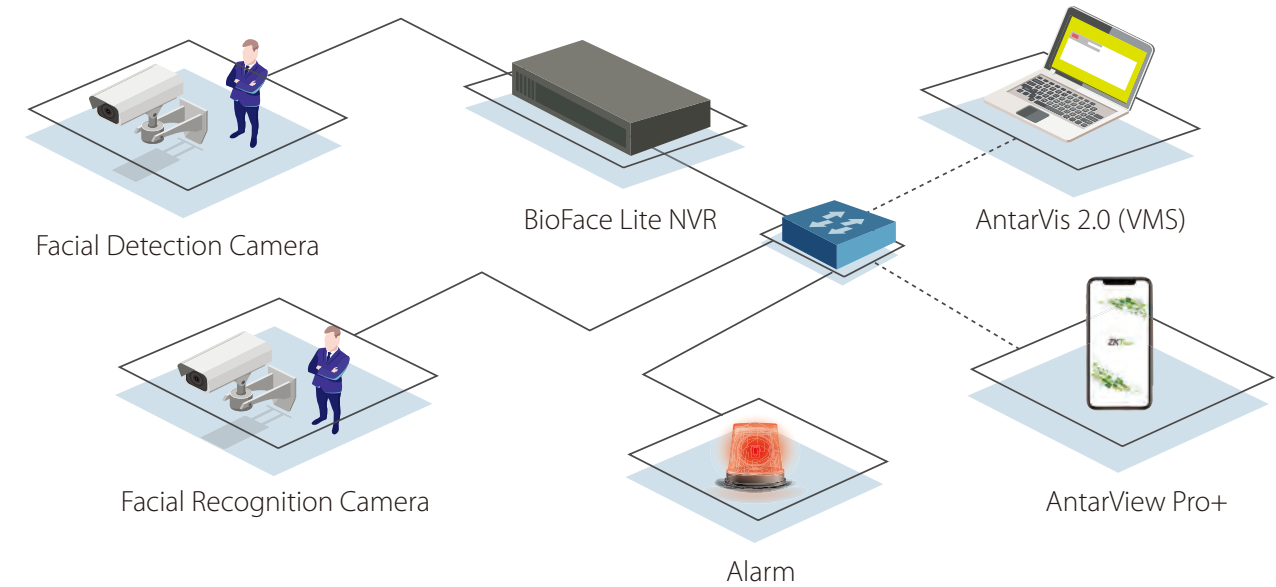




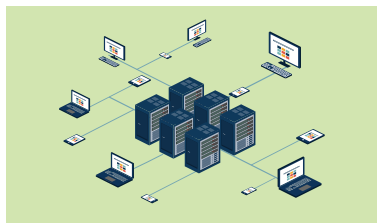
# BioFace Lite Solution

Based on the deep learning algorithm, BioFace Lite solution provides a simple structure (NVR + IPC) to extract human facial feature, real-time facial snapshots, and a comparison database up to 100,000 face images. This solution is special designed for moving human detection and recognition in small to medium-size scenarios, achieves face recognition and video storage practical application.

## Schematic Diagram



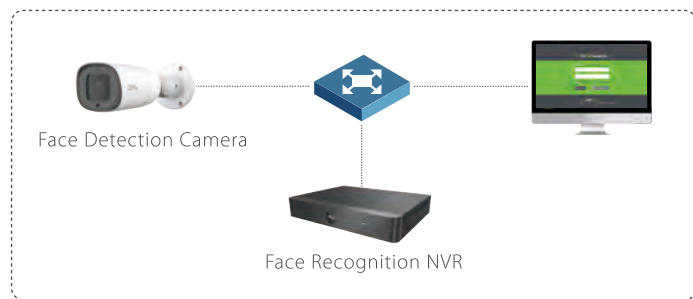
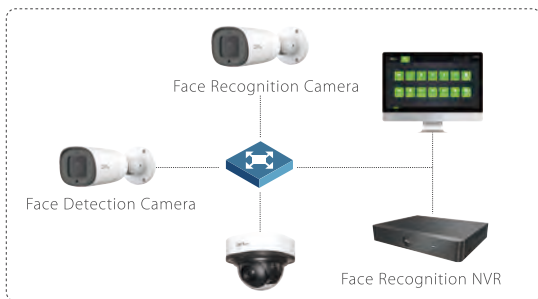
Real-time Monitoring



Video Storage and Remote Access



Alarm Linkage and Data Retrieval



# Main Functions

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## Face Detection

Detect and locate human faces within an image, and returns high-precision face bounding boxes for further recognition. ZKTeco Face Recognition is able to simultaneously recognize 20 different facial templates, which enables you to identify customers including VIP or blacklisted etc.

## Facial Attributes

Unconscious access control scheme can extra face related attributes on the detected faces, such as gender, Age, face landmarks, etc. All images can be grouped or classified based on content.

## Face Search

Real Time Filtering of Human Faces, Fast Search: use facial or vehicle images to search for related pictures and video information.

## Face Recognition

BioFace real-time Face Recognition system is capable of identifying multiple faces in live videos, even under imperfect conditions.

- Rea-time face recognition in complex environments in less than 1 second.
- Speed face registration less than 20 millisecond per template.
- Facial feature recognition meets target criteria with up to 98% accuracy.

## Real-Time Alarm

Linkage mode detects a face stored in the blacklist and triggers an alarm, send an email, or takes a snapshot or records for further scrutiny. Different linkage alarm mode can be application to the different face databases.



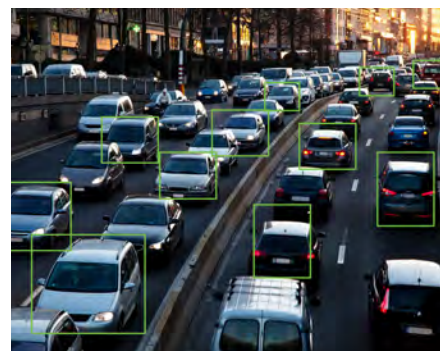
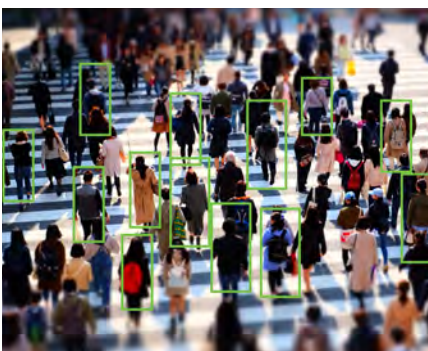
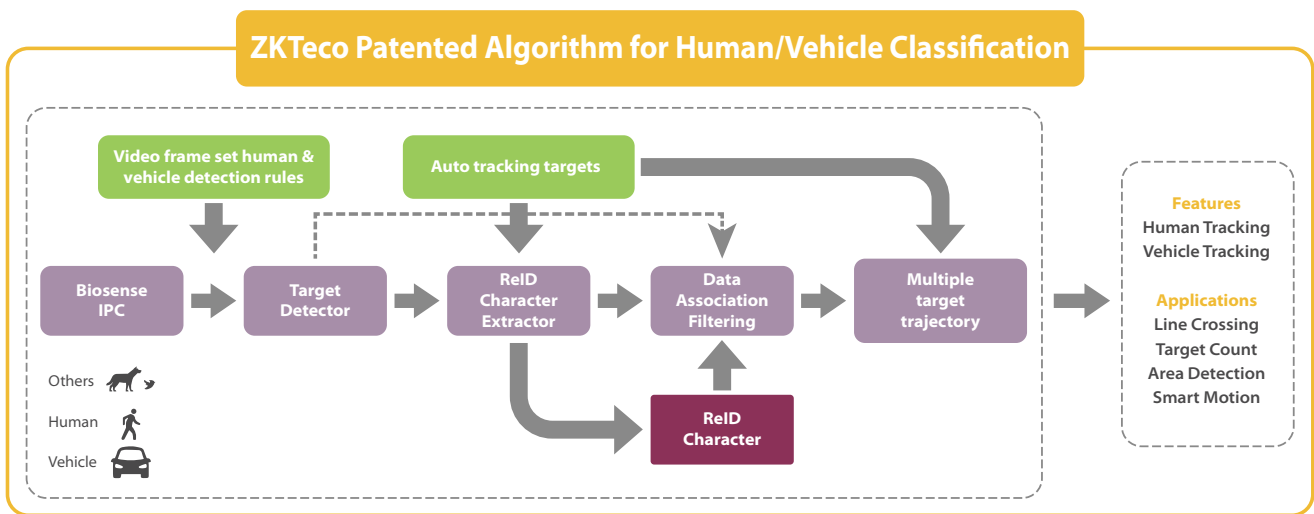


# Biosense Solution

BioSense solution is a new intelligent video surveillance solution released by ZKTeco based on Deep Learning and Computer Vision technology.

By embedding ZKTeco's own patented human and vehicle classification intelligent algorithm to the BioSense series IP camera, it can intelligently and accurately detect and recognize 3 key types of target: human, vehicles and objects, meanwhile effectively filter out the other useless objects such as: animals, leaves, tree shadows, and rain, etc, greatly reducing the false alarms, and more focusing on the important events, at the same time, structurely storing the recording video into NVR storage station to allow user smartly and quickly retrieve the targeting video clips and alarm events by human & vehicle classification.

BioSense solution can greatly improve the efficiency and security of the entire video surveillance system, and significantly help to save time and cost in practical applications.



# Main Functions

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## Human / Vehicle Intelligence

Biosense IP cameras and NVR supporting Target counting, Line crossing detection, Area intrusion detection, Motion detection based on Human/Vehicle Intelligence.

## Efficient and Smart on Video Retrieval

Structurely store recording video by human and vehicles classification, quickly locate the targeting video clips and alarm events.

## Accurate Detection

Accurate detection for targeting key objects, reduce the false alarm rate.

## Real-Time Alarm

For Smart motion detection caused by Human/Vehicle , real-time alarm will be received in Antarview Pro+ by notice , email, snapshot and video.





## Lite Series IP Camera (2MP/4MP)

### »» ES-852O21/22B-S5



- 1/2.9" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face detection
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal+plastic, IP67

### »» BS-852O22/23B-S5



- 1/2.9" CMOS
- 2MP(1920\*1080)@25fps
- H.264 / H.265
- Face detection
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-852O21/22C-S5/-MI



- 1/2.9" CMOS
- 2MP(1920\*1080)@25fps
- H.264 / H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8mm / 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852O22/23C-S5/-MI



- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264 / H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6mm / 6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-852O21/22T-S5-MI



- 1/2.9" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card slot (256GB)
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BL-852O38S-S5



- 1/2.9" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face detection
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI
- 1CH audio input
- PoE, metal case,IP67

»» **EL-852038I-S5**



- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264/H.265
- Face detection
- IR Range 50m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI
- 1CH audio input
- PoE, metal case, IP67

»» **DL-852028B-S5**



- 1/2.9" CMOS
- 2MP (1920\*1080)@25fps
- H.264 / H.265
- Face detection
- IR Range 30m
- 3X zoom motorized lens
- DWDR, 3D DNR, BLC, ROI
- 1CH audio input
- PoE, metal case, IP67, IK10

»» **ES-854N21/22B-S7**



- 1/3" CMOS
- 4MP(2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI.
- PoE, metal+plastic case, IP67

»» **BS-854N22/23B-S7**



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

»» **ES-854N21/22C-S7/-MI**



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

»» **BS-854N22/23C-S7/-MI**



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### »» BL-854N38S-S7



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 50m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» EL-854N38I-S7



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 50m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» DL-854N28B-S7



- 1/3" CMOS
- 4MP (2560\*1440)@20fps
- H.264/H.265
- IR Range 30m
- Motorized 2.8-12mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67, IK10

## » Pro Series IP Camera (2MP/5MP/8MP)

### »» ES-852T21/22C-S6/-MI



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- 120dB TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852T22/23C-S6/-MI



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6 / 6mm
- 120dB TWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» **BL-852T48S-S6**



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- IR Range 80m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67

### »» **EL-852T38I-S6**



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67

### »» **DL-852T28B-S6**



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot (256GB)
- PoE, metal case, IP67, IK10

### »» **BL-852T48A-S6**



- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Recognition
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot (256GB)
- PoE, metal case, IP67

### »» **ES-855P21/22C-S7/-MI**



- 1/2.8" CMOS
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» **BS-855P22/23C-S7/-MI**



- 1/2.8" CMOS
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Face detection
- Built-in Microphone
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



## Pro Series IP Camera (2MP/5MP/8MP)

### »» BL-855P48S-S7



- 1/2.8" CMOS
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Face detection
- IR Range 80m
- Motorized 3.6-10.8mm lens
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67

### »» BL-855P48A-S7



- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- IR Range 80m
- Motorized 3.6- 10.8mm lens
- DWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot (256GB)
- PoE, metal case, IP67

### »» DL-855P28B-S7



- 1/2.8" CMOS
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face detection
- IR Range 30m
- Motorized 3.6-10.8mm lens
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot (256GB)
- PoE, metal case, IP67, IK10

### »» BS-858M22/23C-S8



- 1/2.7" Sony STARVIS CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Fixed Lens 3.6/6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» DL-858M22B-S8



- 1/2.7" Sony STARVIS CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Fixed Lens 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67, IK10

### »» BL-858M48S-S8



- 1/2.7" Sony STARVIS CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 80m
- Motorized 3.2-10.05mm
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- PoE, metal case, IP67

### »» BL-858M48A-S8



- 1/2.7" Sony STARVIS CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 80m
- Motorized 3.2-10.05mm
- DWDR, 3D DNR, BLC, ROI
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67

### »» DL-858M28B-S8



- 1/2.7" Sony STARVIS CMOS
- 8MP (3840\*2160)@20fps
- H.264/H.265
- Face Detection
- IR Range 30m
- Motorized 3.2-10.05mm
- DWDR, 3D DNR, BLC, ROI
- 1CH Audio Input
- Audio/Alarm/RS485/SD card slot
- PoE, metal case, IP67, IK10

## » Full Color IP Camera (2MP/5MP)

### »» ES-852O11/12C-S5-C/-MI



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, P67

### »» BS-852O11/12C-S5-C/-MI



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-852O11/12T-S5-C-MI



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8 / 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852O11/12C-S5-C/-MI



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### »» ES-855P11/12C-S7-C/-MI



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852O11/12C-S5-C/-MI



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-855P11/12T-S7-C-MI



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and
- SD Card Slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-855P11/12T-S7-C-MI



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP (2592\*1944)@25fps
- H.264/H.265
- Face Detection
- Built-in Microphone and
- SD Card Slot (256GB)
- White light range 10-20m
- Fixed Lens 2.8 / 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

## ↘ Biosense IP Camera (2MP/5MP)

### »» ES-852T22/21C-S6-MI-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852T22/23C-S6-MI-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-852T22/21T-S6-MI-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- Embedded human & vehicle classification algorithm
- IR Range 30m
- Fixed Lens 2.8mm/3.6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852T22/23C-S6-MI-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot(256GB)
- Embedded human & vehicle classification algorithm
- IR Range 30m
- Fixed Lens 3.6mm/6mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BL-852T48S-S6-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 80m
- Motorized 3.35-10.05mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» EL-852T38I-S6-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 50m
- Motorized 3.35-10.05mm
- True WDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67



### »» DL-852T28B-S6-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 30m
- Motorized 3.35-10.05mm
- True WDR,3D DNR,BLC,ROI
- Audio / Alarm / RS485 / SD card slot (256GB)
- PoE, metal case, IP67, IK10

### »» BL-852T48A-S6-S



- 1/2.8" CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone
- Embedded human & vehicle classification algorithm
- IR Range 80m
- Motorized 3.35-10.05mm
- True WDR,3D DNR,BLC,ROI
- Audio / Alarm / RS485 / SD card slot (256GB)
- PoE, metal case, IP67, IK10

## » Biosense Full Color IP Camera (2MP/5MP)

### »» ES-852T12/11T-S6-C-MI-S



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- Embedded human & vehicle classification algorithm
- White light range 10-20m
- Fixed Lens 2.8 / 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-852T12/11T-S6-C-MI-S



- 1/2.9" CMOS
- 24 hours 2MP full color
- 2MP(1920\*1080)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- Embedded human & vehicle classification algorithm
- White light range 10-20m
- Fixed Lens 2.8 / 3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» ES-855P12/11T-S8-C-MI-S



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- Embedded human & vehicle classification algorithm
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

### »» BS-855P12/11T-S6-C-MI-S



- 1/2.8" CMOS
- 24 hours 5MP full color
- 5MP(2592\*1944)@25fps
- H.264/H.265
- Built-in Microphone and SD Card Slot (256GB)
- Embedded human & vehicle classification algorithm
- White light range 10-20m
- Fixed Lens 2.8/3.6mm
- DWDR, 3D DNR, BLC, ROI
- PoE, metal case, IP67

## » Professional Facial Camera/Fisheye/LPR Camera

### »» BL-852Q38A



- Professional Face Recognition IP Camera
- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI, video analytics
- Audio/Alarm/RS485/SD card slot
- PoE, Metal case, IP67

### »» DL-852Q28B



- Professional Face Recognition IP Camera
- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- Support Face Recognition, 3000 Face Library
- H.264/H.265/H.265+
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI, video analytics
- Audio/Alarm/RS485/SD card slot(256GB)
- PoE, Metal case, IP67, IK10



## Professional Facial Camera/Fisheye/LPR Camera

### »» BL-852Q38A-LP



- Professional License plate camera (Support 150 countries)
- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265/H.265+
- IR Range 50m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI, video analytics
- Audio/Alarm/RS485/SD card slot(256GB)
- PoE, Metal case, IP67

### »» DL-852Q28B-LP



- Professional License plate camera (Support 150 countries)
- 1/2.8" Sony STARVIS CMOS
- 2MP(1920\*1080)@25fps
- H.264/H.265/H.265+
- IR Range 30m
- 3X zoom motorized lens
- 120dB TWDR, 3D DNR, BLC, ROI, video analytics
- Audio/Alarm/RS485/SD card slot(256GB)
- PoE, Metal case, IP67

### »» DL-858V17C-FS



- Fisheye/Panoramic camera
- 1/1.7" Sony CMOS
- 8MP (3840\*2160)@(1-25/30fps)
- H.265/H.264
- IR Range 10 - 20m
- Low Light / 120dB TWDR
- 360 degree panoramic
- Audio/Alarm/RS485/SD card slot / PoE
- PoE, Metal case, IP66

## IP PTZ

### »» PS-852D18L



- 2MP 1/2.9" CMOS
- Human Detection
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

### »» PS-852D30L



- 2MP 1/2.9" CMOS
- Human Detection
- 30X Optical Zoom
- IR Distance 150m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PS-855C18L**



- 5MP 1/3" CMOS
- Human Detection
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PS-855C30L**



- 5MP 1/3" CMOS
- Human Detection
- 30X Optical Zoom
- IR Distance 120m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PL-852D18M**



- 2MP 1/2.9" CMOS
- Human Detection
- 18X Optical Zoom
- IR Distance 150m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PL-852D30M**



- 2MP 1/2.9" CMOS
- Human Detection
- 30X Optical Zoom
- IR Distance 150m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PL-855C18M**



- 5MP 1/3" CMOS
- Human Detection
- 18X Optical Zoom
- IR Distance 120m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66

»» **PL-855C30M**



- 5MP 1/3" CMOS
- Human Detection
- 30X Optical Zoom
- IR Distance 120m
- Pan speed 0~180°/s & Tilt speed 0~100°/s
- IP66



## »» **KB200** (IP Keyboard)



- ONVIF Profile Compatible
- 3D joystick controller, support setting Presrt,Cruise, P/T/Z etc.
- Plug and Play, DHCP supported IP66

## » **H.265+ Non-POE NVR Series**

### »» **Z8504NER**



- H.265+
- Max resolution: 4ch\*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

### »» **Z8508NER**



- H.265+
- Max resolution: 8ch\*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

### »» **Z8516NER**



- H.265+
- Max resolution: 16ch\*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

### »» **Z8516NFR**



- H.265+
- Max resolution: 16ch\*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x2

### »» **Z8532NFR**



- H.265+
- Max resolution: 32ch\*4K@25/30fps
- HDMI 4k Output
- 1U Case, SATA x 2

### »» **Z8536NMR**



- H.265+
- Max resolution: 36ch\*4K@25/30fps
- HDMI 4k Output
- 1.5U Case, SATA x 4

### »» **Z8536NHR**



- H.265+
- Max resolution: 36CH\*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATA x 9

### »» **Z8564NHR**



- H.265+
- Max resolution: 64CH\*4K@25/30fps
- HDMI 4k Output
- 2U Case, SATA x 9

### »» Z8564NTR



- H.265+
- Max resolution: 64ch\*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

### »» Z85128NTR



- H.265+
- Max resolution: 128ch\*4K@25/30fps
- HDMI 4K Output
- 3U Case, SATA x16

## ∟ H.265+ POE NVR Series

### »» Z8504NEQ-4P



- H.265+
- 4 channel IP input, 4 PoE Port
- Max resolution: 4ch\*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

### »» Z8508NEQ-8P



- H.265+
- 8 channel IP input, 8 PoE Port
- Max resolution: 8ch\*5MP@25/30fps
- HDMI 1080P Output
- Mini 1U Case, SATA x1

### »» Z8516NFR-16P



- H.265+
- 16 channel IP input, 16 PoE Port
- Max resolution: 16ch\*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

### »» Z8532NFR-16P



- H.265+
- 32 channel IP input, 16 PoE Port
- Max resolution: 16ch\*8MP@25/30fps
- HDMI 4K Output
- 1U Case, SATA x2

## ∟ BioFace Lite Face Recognition NVR Series

### »» Z8608NF-8F



- H.265+
- 8MP@25/30fps
- 8ch Face recognition or 8ch Regular monitoring
- 50,000pcs Face Templates; 25 faces-sec Match Speed
- 1U Case, SATA x2



## POE Switch

### PE041-55-C



- 4\*10/100M RJ-45(POE)+1\*10/100M RJ-45
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af) / 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6)

### PE042-55-C



- 4\*10/100M RJ-45(POE)+2\*10/100M RJ-45
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af) / 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6)

### PE082-120-C



- 8\*10/100M RJ-45(POE)+2\*10/100M RJ-45
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af) / 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6)

### PE162-200-C



- 16\*10/100M RJ-45(POE)+2\*10/100/1000M RJ-45+1\*1000 SFP
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af) / 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6)

### PE242-300-C



- 24\*10/100M RJ-45(POE)+2\*10/100M RJ-45+2\*1000 SFP
- Conforms to IEEE 802.3,IEEE 802.3u and IEEE802.3af/at
- The max. PoE power output is 15.4 W (IEEE 802.3af) / 30 W (IEEE 802.3at)
- 250 meters of PoE transmission distance of power and data (Cat 6)

## Decoder

### ZK-DEC-8605-4K



- 5-ch Ultra-HD Network Decoder
- H.265/H.264/MJPEG
- G.711A,G.711U and AAC
- Up to 4K (3840\*2160) via
- HDMI output interfaces
- 5ch\*HDMI@4K output
- 1ch\*HDMI@4K input
- 1/4/9/16/25 display split per one HDMI output

### ZK-DEC-8609-4K



- 9-ch Ultra-HD Network Decoder
- H.265/H.264/MJPEG
- G.711A,G.711U and AAC
- Up to 4K (3840\*2160) via
- HDMI output interfaces
- 9ch\*HDMI@4K output
- 1ch\*HDMI@4K input
- 1/4/9/16/25 display split per one HDMI output

## LED Monitor

### »» ZD19-2K



#### Professional HD LED Monitors

- 19 -inch HD monitor
- Brightness: 300 cd/m<sup>2</sup>
- Contrast: 3000:1
- Response Time: 5ms
- Color: 16.7M
- Interface: 1\*HDMI, 1\*VGA

### »» ZD22-2K



#### Professional FHD LED Monitors

- 21.5-inch 1080p FHD monitor
- Brightness: 450 cd/m<sup>2</sup>
- Contrast: 3000:1
- Response Time: 5ms
- Color: 16.7M
- Video Inputs: 1\*HDMI, 1\*VGA

### »» ZD27-2K



#### Professional FHD LED Monitors

- 27-inch 1080p FHD monitor
- Brightness: 450 cd/m<sup>2</sup>
- Contrast: 3000:1
- Response Time: 5ms
- Color: 16.7M
- Video Inputs: 1\*HDMI, 1\*VGA, 1\*RCA, 1\* Audio Input, 1\* Earphone Output
- Support 7\*24 hours of work, 365 days of uninterrupted monitoring

### »» ZD32-4K



#### Professional UHD LED Monitors

- 32-inch 4K LED UHD Monitor
- Brightness: 500 cd/m<sup>2</sup>
- Contrast: 3000:1
- Response Time: 5ms
- Color: 10bit
- Video Inputs: 3\*HDMI, 1\*VGA, 1\*DVI



## »» ZD43-4K



### Professional UHD LED Monitors

- 43-inch 4K LED UHD Monitor
- Brightness: 450 cd/m<sup>2</sup>
- Contrast: 3,000:1
- Response Time: 8.5ms
- Color: 10bit
- Video Inputs: 2\*HDMI, 1\*VGA 2\*USB, 1\*RF  
1\* PC 2\*AUDIO IN

## »» ZD50-4K



### Professional UHD LED Monitors

- 50-inch 4K LED UHD Monitor
- Brightness: 450 cd/m<sup>2</sup>
- Contrast: 3,000:1
- Response Time: 6.5ms
- Color: 10bit
- Video Inputs: 2\*HDMI, 1\*VGA\*, 1\*DVI,  
1\*BNC

## » Splicing Screen

### »» ZK-LED46A-2K-3.5MM



#### 46-inch original industrial grade IPS(DID) LCD splicing panel

- Unit Size: 1022.4\*577.1\*88.9(mm)
- Resolution: 1920\*1080
- Contrast: 1,000:1
- Brightness: 450cd/m<sup>2</sup>
- Stitching Gap: physical
- Patchwork: 3.5mm

### »» ZK-LED55A-2K-3.5MM



#### 55-inch original industrial grade IPS(DID) LCD splicing panel

- Unit Size: 1213.6\*684.4\*88.9(mm)
- Resolution: 1920\*1080
- Contrast: 3,000:1
- Brightness: 450cd/m<sup>2</sup>
- Stitching Gap: physical
- Patchwork: 3.5mm

### »» ZK-LED55A-2K-1.8MM



#### 55-inch original industrial grade IPS(DID) LCD splicing panel

- Unit Size: 1212.1\*682.9\*88.9(mm)
- Resolution: 1920\*1080
- Contrast: 3,000:1
- Brightness: 450cd/m2
- Stitching Gap: physical
- Patchwork: 1.8mm

### »» ZK-LED65A-4K-3.5MM



#### 65-inch original industrial grade IPS(DID) LCD splicing panel

- Unit Size: 1443.2\*818.4\*89.3(mm)
- Resolution: 3840\*2160
- Contrast: 3,000:1
- Brightness: 450cd/m2
- Stitching Gap: physical
- Patchwork: 3.5mm

### »» ZK-LED55A-2K-0.88MM



#### 55-inch original industrial grade IPS(DID) LCD splicing panel

- Unit Size: 1213.5 \* 684.5\* 60.1(mm)
- Resolution: 1920\*1080
- Contrast: 3,000:1
- Brightness: 450cd/m2
- Stitching Gap: physical
- Patchwork: 0.88mm



## Network Cable

### »» XL500-CPR



- CAT 5e, 305m
- 4\*2\*0.50mm/±0.01, OFC
- OD5.2mm±0.30mm, CE CPR
- 355mm\*355mm\*220mm, 10.5KG

### »» XL600-CPR



- CAT6, 305m
- 4\*2\*0.55mm/±0.01, OFC
- OD6.1mm±0.30mm, CE CPR
- 395mm\*395mm\*235mm, 13.5KG

### »» XL500-C



- CAT 5e, 305m
- 4\*2\*0.50mm/±0.01
- OD5.2mm±0.30mm
- 355mm\*355mm\*220mm

### »» XL600-C



- CAT6, 305m
- 4\*2\*0.56mm/±0.01
- OD6.1mm±0.30mm
- 395\*395\*235mm

### »» XL500-UL



- CAT 5e, 305m
- 4\*2\*0.50, OFC
- OD5.0mm, UL
- 352mm\*353mm\*220mm, 10KG

### »» XL600-UL



- CAT6, 305m
- 4\*2\*0.56, OFC
- OD6.0mm, UL
- 380mm\*380mm\*245mm, 14KG

## Accessories

### »» DV3.9x11SR4A-SA1L



- Fujinon C lens, 11-43mm, F1.5, 1/1.8", 8MP
- Manual Zoom & Focus, Auto Iris.

### »» YT3011-3MP



- CS lens, 3.6-11mm, F1.5, 1/1.8", 3MP
- Manual Zoom & Focus, Auto Iris.

### »» CS-D0550IR (6MP)



- CS lens, 5 - 50mm, F1.4, 1/2.7" 6MP
- Manual Zoom & Focus, Auto Iris

### »» ZJ003



- Fit for FI320 / FI330 wall mount bracket

		Mount	Terproof Junction Box
		Pictures	
BS-K, BS-B, ES-H, BL-L, EL-I, BS-C, ES-C, BL-S		Model	GB01
Mount	Corner Mount		
Pictures			
Model	GB01+MT03		GB01+MT04

		Mount	Corner Mount	Pole Mount
		Pictures		
Human detection PTZ		Model	ZJ006	ZJ007

	Mount	Pendant Bracket		Mount	Pendant Bracket	Pole Mount	Corner Mount
	Pictures			Pictures			
Analog PTZ series PS-J	Model	PB04	Analog PTZ series PL-D	Model	PB05	MT05	MT06

# Smart Security Gate

Smart Security Gate is all about management of people. General management methods include access control system, parking management system and visitor management system using intelligent turnstiles. In different environments, different types of entrance control devices are required. For example, the tripod turnstiles and full height turnstiles are installed in public venues, and the flap barrier turnstiles are often installed in the private enterprises. ZKTeco commits to integrating biometrics into entrance control to provide more intelligent management solutions.







## ➤ Swing Barriers

### SBTL6000 / SBTL6011 / SBTL6022



F05030205 / F05030187 / F05030208

Model	SBTL6000	SBTL6011	SBTL6022
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C~ 60°C		
Working Humidity	20% ~ 95% (non-condensing)		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	635		
Infrared Sensor	6 pairs		
Dimension (mm)	1400 * 180 * 1000 (L*W*H)		
Dimension with Packing (mm)	1580 * 340 * 1270 (L*W*H) (2pcs)		
Weight with Packing (kg)	150		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Support		

## SBTL6200 / SBTL6211 / SBTL6222

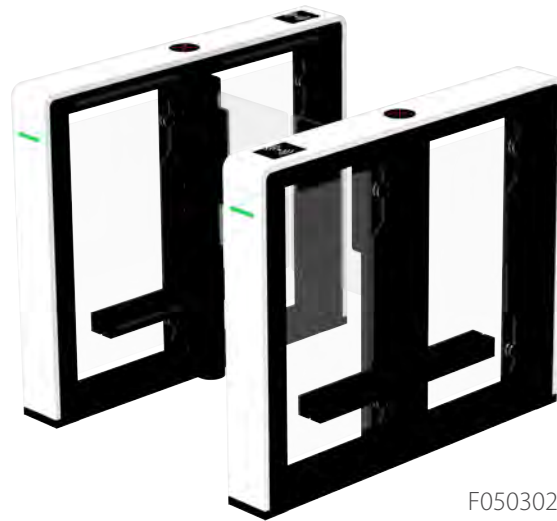


F05030206 / F05030207 / F05030209

Model	SBTL6200	SBTL6211	SBTL6222
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	20% ~ 95% (non-condensing)		
Working Environment	Indoor / Outdoor (sheltered)		
Lane Width (mm)	635		
Infrared Sensor	6 pairs		
Dimension (mm)	1400 * 180 * 1000 (L*W*H)		
Dimension with Packing (mm)	1580 * 340 * 1270 (L*W*H)		
Weight with Packing (kg)	85		
LED Indicator	Supported		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Tempered Glass		
Barrier Movement	Swing		
Emergency Mode	Supported		



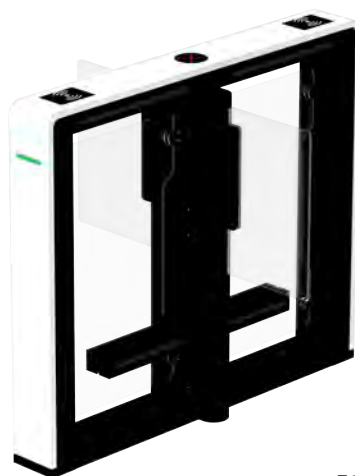
## SBTL7000 / SBTL7011 / SBTL7022



F05030280 / F05030308 / F05030310

Model	SBTL7000 / SBTL7011 / SBTL7022
Power Requirements	AC 110V / 220V, 50 / 60Hz
Working Temperature	-20°C to 70°C
Working Humidity	5% to 95%
Running Power	30W
Infrared Sensor	6 pairs (Optional: 10 pairs)
Working Environment	Indoor/Outdoor (if shelter available)
Max. Speed of Throughput	30 people per minute
Lane Width (mm)	660 (Optional: 900)
Dimensions (L*W*H)	1200 * 150 * 1028 (mm)
Dimensions with Packing (L*W*H)	1290 * 330 * 1184 (mm) (2pcs)
Weight	120kg
Weight with Packing	160kg
LED Indicator	Support
Cabinet Material	Cold rolled sheet
Lid Material	Cold rolled sheet
Surface Finishing	Powder coating
Barrier Material	Acrylic
Barrier Movement	Swing
Emergency Mode	Support
Security Level	Medium
MCBF	5 million
Opening Time	0.8s
Opening Noise	≤30dB

## SBTL7200 / SBTL7211 / SBTL7222



F05030281 / F05030311 / F05030309

Model	SBTL7200 / SBTL7211 / SBTL7222
Power Requirements	AC 110V / 220V, 50 / 60Hz
Working Temperature	-20°C to 70°C
Working Humidity	5% to 95%
Running Power	30W
Infrared Sensor	6 pairs (Optional: 10 pairs)
Working Environment	Indoor/Outdoor (if shelter available)
Max. Speed of Throughput	30 people per minute
Lane Width (mm)	660 (Optional: 900)
Dimensions (L*W*H)	1200 * 150 * 1028 (mm)
Dimensions with Packing (L*W*H)	1290 * 330 * 1184 (mm) (2pcs)
Weight	72kg
Weight with Packing	92kg
LED Indicator	Support
Cabinet Material	Cold rolled sheet
Lid Material	Cold rolled sheet
Surface Finishing	Powder coating
Barrier Material	Acrylic
Barrier Movement	Swing
Emergency Mode	Support
Security Level	Medium
MCBF	5 million
Opening Time	0.8s
Opening Noise	≤30dB



## SBTL8000 / SBTL8011 / SBTL8022



F05030226 / F05030228 / F05030230

Model	SBTL8000	SBTL8011	SBTL8022
Verification Method	None	RFID	RFID & Fingerprint
Option	Low barrier panels, wide barrier panels		
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	20% - 95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600 * 1040		
Dimension (mm)	1600 * 1040 * 1200 (L*W*H)		
Dimension with Packing (mm)	1700 * 300 * 1130 (L*W*H) (2pcs)		
Net Weight (kg)	130		
Weight with Packing (kg)	150		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		

# SBTL8200 / SBTL8211 / SBTL8222



F05030227 / F05030229 / F05030231

Model	SBTL8200	SBTL8211	SBTL8222
Verification Method	None	RFID	RFID & Fingerprint
Option	Low barrier panels, wide barrier panels		
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	20% - 95% (Non-condensing)		
Working Environment	Indoor		
Lane Width (mm)	660		
Footprint (mm*mm)	1600 * 870		
Dimension (mm)	1600 * 870 * 1200 (L*W*H)		
Dimension with Packing (mm)	1700 * 300 * 1130 (L*W*H)		
Net Weight (kg)	86		
Weight with Packing (kg)	100		
LED Indicator	Y		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Swing		
Emergency Mode	Y		
Security Level	Medium		
MCBF	10 million		



## Flap Barriers

### FBL6000 / FBL6011 / FBL6022 Pro



F05020218 / F05020220 / F05020222

Model	FBL6000 Pro	FBL6011 Pro	FBL6022 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (sheltered)		
Speed of Throughput	Maximum 30 / minute		
Lane Width (mm)	600		
Dimension (mm)	1400 * 300 * 1000 (L*W*H)		
Dimension with Packing (mm)	1510 * 780 * 1230 (L*W*H)		
Weight with Packing (kg)	155		
LED Indicator	Supported		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Supported		

## FBL6200 / FBL6211 / FBL6222 Pro



F05020219 / F05020221 / F05020223

Model	FBL6200 Pro	FBL6211 Pro	FBL6222 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (sheltered)		
Speed of Throughput	Maximum 30 / minute		
Lane Width (mm)	600		
Dimension (mm)	1400 * 300 * 1000 (L*W*H)		
Dimension with Packing (mm)	1510 * 420 * 1230 (L*W*H)		
Weight with Packing (kg)	97		
LED Indicator	Supported		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel + Acrylic		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Supported		



## TS1000 / TS1011 / TS1022 Pro



F05010156 / F05010157 / F05010158

Model	TS1000 Pro	TS1011 Pro	TS1022 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 85%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width(mm)	500		
Dimension(mm)	520 * 310 * 1010 (L*W*H)		
Dimension with Packing (mm)	570 * 365 * 1080 (L*W*H)		
Net Weight (kg)	36		
Weight with Packing (kg)	50		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotation		
Emergency Mode	Support		
MCBF	1 million		
Options / Accessories	Counter, SUS316 Cabinet and Lid, Remote Control		

# TS2000 / TS2011 / TS2022 Pro



F05010159 / F05010160 / F05010161

Model	TS2000 Pro	TS2011 Pro	TS2022 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	505		
Dimension (mm)	1110 * 280 * 987 (L*W*H)		
Dimension with Packing (mm)	1175 * 370 * 1070 (L*W*H)		
Net Weight (kg)	42		
Weight with Packing (kg)	48		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotation		
Emergency Mode	Support		
MCBF	1 million		
Options / Accessories	Counter, SUS316 Cabinet and Lid, Remote Control		



## mTS1000



F26010003

<b>Model</b>	mTS1000
<b>Output Voltage</b>	AC 110V / 220V, 50 / 60Hz
<b>Working Temperature</b>	-28°C to 60°C
<b>Working Humidity</b>	5% to 80%
<b>Working Environment</b>	Indoor / Outdoor (if sheltered)
<b>Speed of Throughput</b>	Maximum 25/minute
<b>Lane Width (mm)</b>	478
<b>Footprint (mm)</b>	138 * 250
<b>Dimensions (L*W*H)</b>	798 * 750 * 950 (mm)
<b>Net Weight (kg)</b>	35 (±2.5)
<b>Weight with Packing (kg)</b>	40 (±5)
<b>LED Indicator</b>	Supports
<b>Cabinet Material</b>	SUS304 stainless steel
<b>Lid Material</b>	Acrylic (optional: glass)
<b>Barrier Material</b>	SUS304 stainless steel
<b>Barrier Movement</b>	Rotating
<b>Emergency Mode</b>	Supports
<b>Security Level</b>	Medium
<b>MCBF</b>	2 million
<b>Options/Accessories</b>	Cardbox, Remoter control, QR reader
<b>Certificates</b>	FCC, CE

## SBT2000S / SBT2011S / SBT2022S



F05030262 / F05030300 / F05030301

Model	SBT2000S	SBT2011S	SBT2022S
Verification Method	N/A	RFID	RFID & Fingerprint
Power Requirements	AC 110V / 220V, 50 / 60Hz		
Lane Width (mm)	800		
Infrared Sensor	A sensor		
LED Indicator	Support		
Cabinet Material	Cold rolled sheet (optional: SUS304 stainless steel)		
Lid Material	Acrylic		
Barrier Material	Tempered glass (optional: stainless steel or acrylic)		
Barrier Movement	Swing		
Emergency Mode	Support		
Working Temperature	-15°C to 60°C		
Working Humidity	20% to 93% (non-condensing)		
Working Environment	Indoor / Outdoor (if sheltered)		
Dimensions (L*W*H)	202 * 187 * 1109 (mm)		
Dimensions with Packing (L*W*H)	280 * 280 * 1160 (mm)		
Weight (kg)	24		
Weight with Packing (kg)	41		



# FBL4000 / FBL4011 / FBL4022 Pro



F05020240 / F05020242 / F05020244

Model	FBL4000 Pro	FBL4011 Pro	FBL4022 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	600		
Dimension (mm)	1350 * 300 * 1010 (L*W*H)		
Dimension with Packing (mm)	1500 * 840 * 1100 (L*W*H)		
Net Weight (kg)	116		
Weight with Packing (kg)	169		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Support		
MCBF	2 million		



## FBL4200 / FBL4211 / FBL4222 Pro



F05020241 / F05020243 / F05020245

Model	FBL4200 Pro	FBL4211 Pro	FBL4222 Pro
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	600		
Dimension (mm)	1350 * 300 * 1010 (L*W*H)		
Dimension with Packing (mm)	1500 * 400 * 1100 (L*W*H)		
Net Weight (kg)	72		
Weight with Packing (kg)	106		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
Barrier Material	Acrylic		
Barrier Movement	Retracting		
Emergency Mode	Support		
MCBF	2 million		

## Optical Barriers

### OP1000 / OP1011 / OP1022



F05020134 / F05020136 / F05020138

Model	OP1000	OP1011	OP1022
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	600		
Dimension (mm)	500 * 180 * 1000 (L*W*H)		
Dimension with Packing (mm)	600 * 220 * 1100 (L*W*H) (2pcs)		
Net Weight (kg)	38		
Weight with Packing (kg)	48		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
MCBF	2 million		



## OP1200 / OP1211 / OP1222



F05020140 / F05020142 / F05020144

Model	OP1200	OP1211	OP1222
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	5% ~ 80%		
Working Environment	Indoor / Outdoor (if sheltered)		
Lane Width (mm)	600		
Dimension (mm)	500 * 180 * 1000 (L*W*H)		
Dimension with Packing (mm)	600 * 220 * 1100 (L*W*H) (2pcs)		
Net Weight (kg)	20		
Weight with Packing (kg)	25		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Lid Material	SUS304 Stainless Steel		
MCBF	2 million		

## Full Height Turnstiles

### FHT2300 / FHT2311 / FHT2322



F05040008 / F05040010 / F05040012

Model	FHT2300	FHT2311	FHT2322
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	0% ~ 95%		
Working Environment	Indoor / Outdoor		
Lane Width (mm)	580		
Dimension (mm)	1400 * 1395 * 2220 (L*W*H)		
Dimension with Packing (mm)	1975 * 1085 * 935, 2100 * 1435 * 735		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Support		
MCBF	2 million		
Ingress Protection	IP54		



## FHT2400 / FHT2411 / FHT2422



F05040014 / F05040016 / F05040018

Model	FHT2400	FHT2411	FHT2422
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	0% ~ 95%		
Working Environment	Indoor / Outdoor		
Lane Width (mm)	580		
Dimension (mm)	1400 * 1320 * 2220 (L*W*H)		
Dimension with Packing (mm)	1975 * 925 * 895, 2100 * 1435 * 470		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Support		
MCBF	2 million		
Ingress Protection	IP54		

# FHT2300D / FHT2311D / FHT2322D



F05040025 / F05040026 / F05040027

Model	FHT2300D	FHT2311D	FHT2322D
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	0% ~ 95%		
Working Environment	Indoor / Outdoor		
Lane Width (mm)	580		
Dimension (mm)	2180 * 1397 * 2220 (L*W*H)		
Dimension with Packing (mm)	2120 * 600 * 460, 1670 * 1510 * 2170		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Support		
MCBF	2 million		
Ingress Protection	IP54		



## FHT2400D / FHT2411D / FHT2422D



F05040028 / F05040029 / F05040030

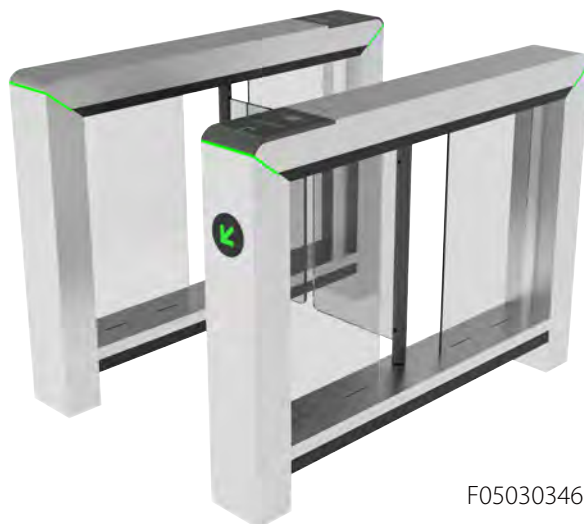
Model	FHT2400D	FHT2411D	FHT2422D
Verification Method	None	RFID	RFID & Fingerprint
Power Requirements	AC 100 ~ 120V / 200 ~ 240V, 50 / 60Hz		
Working Temperature	-28°C ~ 60°C		
Working Humidity	0% ~ 95%		
Working Environment	Indoor / Outdoor		
Lane Width (mm)	580		
Dimension (mm)	2180 * 1324 * 2220 (L*W*H)		
Dimension with Packing (mm)	2120 * 600 * 460, 1670 * 1510 * 2170		
LED Indicator	Support		
Cabinet Material	SUS304 Stainless Steel		
Barrier Material	SUS304 Stainless Steel		
Barrier Movement	Rotating		
Emergency Mode	Support		
MCBF	2 million		
Ingress Protection	IP54		





## ➤ Mars Series and Mars Pro Series

### Mars-B1000 / Mars-B1011 / Mars-B1022



F05030346 / F05030347 / F05030348

Model	Mars-B1000 / Mars-B1011 / Mars-B1022
Power Requirements	AC100V to 120V / 200V to 240V, 50 to 60Hz
Working Power	55W; 22W (stand-by)
Drive Unit	Brushless Motor
MCBF	5 millions
Technical Throughput Rate	Up to 25 people per minute
Barrier Movement	Swing
Noise	<60dB
Infrared Sensor	6 pairs (option: ≤12 pairs)
LED Indicator	Support
Working Temperature	-25°C to 65°C
Working Humidity	20% to 95% (non-condensing)
Working Environment	Indoor / Outdoor (if sheltered)
Lane Width	650mm (option: ≤900mm)
Dimensions (L*W*H)	1360 * 180 * 1010 (mm)
Dimensions with Packaging (L*W*H)	1510 * 365 * 1216 (mm) (2 boxes)
Net Weight	100kg (±5kg)
Gross Weight	150kg (±5kg)
Cabinet Material	SUS304 stainless steel (option: SUS316 stainless steel)
Lid Material	SUS304 stainless steel
Barrier Material	Acrylic (option: SUS304 stainless steel or glass)
Packing Material	Wooden case
Protection Level	IP34

## Mars-F1000 / Mars-F1011 / Mars-F1022



F05020297 / F05020298 / F05020299

Model	Mars-F1000 / Mars-F1011 / Mars-F1022
Power Requirements	AC100V to 120V / 200V to 240V, 50 to 60Hz
Working Power	50W; 22W (stand-by)
Drive Unit	Brushless Motor
MCBF	3 millions
Technical Throughput Rate	Up to 30 people per minute
Barrier Movement	Retract
Noise	<60dB
Infrared Sensor	5 pairs (option: ≤8 pairs)
LED Indicator	Support
Working Temperature	-25°C to 65°C
Working Humidity	20% to 95% (non-condensing)
Working Environment	Indoor / Outdoor (if sheltered)
Lane Width	600mm
Dimensions (L*W*H)	1360 * 180 * 1010 (mm)
Dimensions with Packaging (L*W*H)	1510 * 365 * 1216 (mm)(2 boxes)
Net Weight	130kg (±5kg)
Gross Weight	180kg (±5kg)
Cabinet Material	SUS304 stainless steel (option: SUS316 stainless steel)
Lid Material	SUS304 stainless steel
Barrier Material	Acrylic
Packing Material	Wooden case
Protection Level	IP34



## Mars-S1000 / Mars-S1011 / Mars-S1022



F05030356 / F05030357 / F05030355

Model	Mars-S1000 / Mars-S1011 / Mars-S1022
Power Requirements	AC100V to 120V / 200V to 240V, 50 to 60Hz
Working Power	55W; 20W (stand-by)
Drive Unit	Brushless Motor
MCBF	5 millions
Technical Throughput Rate	Up to 30 people per minute
Barrier Movement	Swing
Noise	<60dB
Infrared Sensor	8 pairs (option: ≤12 pairs)
LED Indicator	Support
Working Temperature	-25°C to 65°C
Working Humidity	20% to 95% (non-condensing)
Working Environment	Indoor / Outdoor (if sheltered)
Lane Width	650mm (option: ≤900mm)
Dimensions (L*W*H)	1335 * 120 * 1020 (mm)
Dimensions with Packaging (L*W*H)	1510 * 365 * 1216 (mm) (2 boxes)
Net Weight	110kg (±5kg)
Gross Weight	160kg (±5kg)
Cabinet Material	SUS304 stainless steel (option: SUS316 stainless steel)
Lid Material	SUS304 stainless steel
Barrier Material	Acrylic (option: glass)
Packing Material	Wooden case
Protection Level	IP34

# Mars Pro-S1000 / Mars Pro-S1011 / Mars Pro-S1022



F05080011 / F26100005 / F26100006

Model	Mars Pro-S1000 / Mars Pro-S1011 / Mars Pro-S1022
Power Requirements	AC100V to 120V / 200V to 240V, 50 to 60Hz
Working Power	70W; 20W (stand-by)
Drive Unit	Servo Motor
MCBF	10 millions
Technical Throughput Rate	Up to 30 people per minute
Barrier Movement	Swing
Noise	<60dB
Infrared Sensor	20 pairs
LED Indicator	Support
Working Temperature	-25°C to 65°C
Working Humidity	20% to 95% (non-condensing)
Working Environment	Indoor / Outdoor (if sheltered)
Lane Width	650mm (option: ≤900mm)
Dimensions (L*W*H)	1335 * 120 * 1020 (mm)
Dimensions with Packaging (L*W*H)	1510 * 365 * 1216 (mm)(2 boxes)
Net Weight	110kg (±5kg)
Gross Weight	160kg (±5kg)
Cabinet Material	SPCC (option: SUS316 stainless steel)
Lid Material	SPCC (option: SUS316 stainless steel)
Barrier Material	Acrylic (option: glass)
Packing Material	Wooden case
Protection Level	IP34



## Mars Pro-F1000 / Mars Pro-F1011 / Mars Pro-F1022



F05030377 / F05030378 / F05030379

Model	Mars Pro-F1000 / Mars Pro-F1011 / Mars Pro-F1022
Power Requirements	AC100V to 120V / 200V to 240V, 50 to 60Hz
Working Power	50W; 22W (stand-by)
Drive Unit	Brushless Motor
MCBF	10 millions
Technical Throughput Rate	Up to 30 people per minute
Barrier Movement	Retract
Noise	<60dB
Infrared Sensor	16 pairs
LED Indicator	Support
Working Temperature	-25°C to 65°C
Working Humidity	20% to 95% (non-condensing)
Working Environment	Indoor / Outdoor (if sheltered)
Lane Width	600mm
Dimensions (L*W*H)	1360 * 180 * 1010 (mm)
Dimensions with Packaging (L*W*H)	1510 * 365 * 1216 (mm)(2 boxes)
Net Weight	130kg (±5kg)
Gross Weight	180kg (±5kg)
Cabinet Material	SPCC (option: SUS316 stainless steel)
Lid Material	SPCC (option: SUS316 stainless steel)
Barrier Material	Acrylic
Packing Material	Wooden case
Protection Level	IP34

## ↳ Gate Opener Series

### SW300DC



F26100052(110V) / F26100053(220V)

Model	SW300DC
Power Requirements	220V/50Hz; 110V/60Hz
Operating Voltage	24V 40W*2
Operating Temperature	-20°C to 70°C
Gate Moving Speed	18 to 22s/90°
Max.single-leaf Weight	300kg
Max.single-leaf Length	2.5m
Max. piston Stroke	0.32m
Max. force	2600N
Remote Control Distance	≥30m
Remote Control Mode	Single/Four button mode
Storage Battery (Optional)	DC24V (4.5Ah or 9Ah)
Working Noise	≤58dB
Working Duty	S2, 30min
Recording of up Remote Controls	25
Remote Frequency	433.92 MHz
Dimension(L*W*H)	Main Machine(Max): 1037.5*100*85.7(mm) Control Box(without built-in battery): 210*299*88(mm) Control Box(with built-in battery): 210*299*133(mm)
Dimension with packing(L*W*H)	825*195*265(mm)
Net Weight	10.12kg
Weight with Packaging	14Kg
Gate Limit Type	Magnetic
Ingress Protection	IP23 (With drain hole)



## SW400DC



F26100054(110V) / F26100055(220V)

Model	SW400DC
Power Requirements	220V/50Hz; 110V/60Hz
Operating Voltage	24V 60W*2
Operating Temperature	-20°C to 70°C
Gate Moving Speed	22 to 26s/90°
Max.single-leaf Weight	400kg
Max.single-leaf Length	3m
Max.piston Stroke	0.45m
Max.force	3000N
Remote Control Distance	≥30m
Remote Control Mode	Single button mode
Storage Battery (Optional)	DC24V (4.5Ah or 9Ah)
Working Noise	≤60dB
Working Duty	S2, 30min
Recording of up Remote Controls	25

## ZK-SL800/1500AC



Model	ZK-SL800AC	ZK-SL1500AC
	F26100048(110V) / F26100049(220V)	F26100050(110V) / F26100051(220V)
Maximum Loading Weight	800kg	1500kg
Net Weight	14.8kg	16.8kg
Weight with Packaging	15Kg	17Kg
Power Requirements	AC110V/60Hz;AC220V/50Hz	
Operating Temperature	-20°C to 70°C	
Gate Opening Speed	16-18m/min	
Remote Control Distance	≥30m	
Remote Control Mode	Single-button / Three-button	
Working Noise	≤58dB	
Working Duty	S2, 20min	
Recording of up Remote Controls	Standard control board: 20 Intelligent control board: 40	
Remote Frequency	433.92 MHz	
Dimension(L*W*H)	271*228*280(mm)	
Dimension with Packing(L*W*H)	345*285*360(mm)	
Gate Operating Distance	12m	
Gate Limit Type	Spring limit switch / Magnetic limit switch	
Ingress Protection	IP54	
MCBF	2million	



## ZK-FG-10



F26100032(110V, Left open) / F26100033(110V, Right open)  
F26100030(220V, Left open) / F26100031(220V, Right open)

Model	ZK-FG-10
Power Requirements	AC110V/220V, 50/60Hz
Dimension	1600H*660W*10000mm (depend on customer)
Consumptio	420W×2
Output Rotate Speed	43.75rpm / min
Output Torque	28N/m×2
Thermal Protection	≤135°C
Control Way	No guide rail
Anti-Collision	Automaticobstacle detection
Gate Open Way	Manual, Remoter control & APP (Optional)
Running Detection	Magnet detection
Remote Control Distance	≤30M
Extended Connection	LPR, Loop detector, Bluetooth
Material Specification	Mast material 45*40≥1.0mm Slave material 45*31≥1.0mm
Rolled Wheel Size	Solid big wheel (0.8kg): Diameter 130mm, Thickness 45mm; Cast aluminum rubber wear-resisting door wheel: Diameter100mm, Thickness 27mm
Protection Grade	40°C~+55°C
Operating Temperature	IP43
MCBF	1M

# ZK-FG-20



F26100036(110V, Left open) / F26100037(110V, Right open)  
 F26100034(220V, Left open) / F26100035(220V, Right open)

Model	ZK-FG-20
Power Requirements	AC110V/220V, 50/60Hz
Dimension	1600H*860W*10000mm (Depend on customer) optional: 1600H*680W*10000mm
Consumptio	420W×2
Output Rotate Speed	43.75rpm/min
Output Torque	28N/m×2
Thermal Protection	≤135°C
Control Way	No guide rail
Anti-Collision	Automaticobstacle detection
Gate Open Way	Manual, Remoter control& APP(Optional)
Running Detection	Magnet detection
Remote Control Distance	≤30M
Extended Connection	LPR, Loop detector, Bluetooth
Material Specification	Direct materials: 110*69*1.5mm Small direct materials: 50*30*1.2mm Indirect materials: 45*31*1.5mm
Rolled Wheel Size	Nose wheel: Diameter 280mm, Thickness 60mm Cast aluminum rubber wear-resisting door wheel: Diameter 130mm, Thickness 40mm
Protection Grade	-40°C~+55°C
Operating Temperature	IP43
MCBF	1M



# Smart Parking Management

There has been a growing number of vehicles with the rapid development of the global economy and living standards. To manage vehicles efficiently, the number of parking lots has dramatically increased. By adopting License Plate Recognition Products (LPR), Ultra-High Frequency (UHF) products, Parking Barrier products, and Parking Guidance products, the system offers convenient user experiences from the entrance to the parking space.





## LPRC300

New License Plate Recognition Camera  
with Embedded Deep Learning LPR Algorithm

Model	LPRC300
<b>License Plate Recognition Specifications</b>	
Platform	HiC500
License Plate Number Recognition Accuracy Rate	Day≥99%, night≥99%
Recognition Speed	≤100ms
Classification	License plate number
Adaptable Speed of Car	Up to 40km/h
Recognition Distance	Up to 40km/h
Output Information	License plate number, License plate picture, Access time
Supported Regions	Thailand, Argentina, Mexico, Chile, Colombia, Saudi Arabia, Brazil, Peru, Mongolia, Turkey, Egypt, Korea, Mainland China, Indonesia, United Arab Emirates, Spain, Russian, Vietnam, Cambodia, etc.
<b>Offline Working Parameter</b>	
Allowlist	1,000
Blocklist	1,000
Monthly Parking	8,000
Entry and Exit Records	10,000
Captured Pictures	10,000
<b>Camera Parameters</b>	
CPU	Dual-core CPU A7@900MHz, 0.5TOPS
Flash	128MB
Image Sensor	1/2.8 * 3MP CMOS sensor
Illumination	0.1Lux (Default)
Lens	Autofocus (from 3.2mm to 11.1mm)
Frame Rate	1 to 25 frames; 25 frames by default (1920 * 1080 pixels)
Communication Protocol	TCP/IP (10/100Mbps), RTSP, ZKTECO, P2P, PUSH
I/O Interface	Two relays, RS485, AUX I/O, Barrier status input, Wiegand in and out
SD Storage	Default 8GB, maximum support 128GB
Protection level	IP65
Working Temperature	-30°C to 70°C
Dimensions(L*W*H)	460 * 156 * 120(mm)

## ↳ License Plate Recognition Products



### Mini-LPR

- **Recognition Accuracy:** Day $\geq$ 99.9%; Night $\geq$ 99.7%
- **Recognition Time:**  $\leq$ 200ms (average time)
- **Recognition Distance:** 2-10meters  
(recommend Distance is 3.5-4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm -11.1mm, Auto focus
- **Communication:** TCP/IP (10/100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in&out
- **Working Modes:** Video trigger



### LPRS1000

- **Recognition Accuracy:** Day $\geq$ 99.9%; Night $\geq$ 99.7%
- **Recognition Time:**  $\leq$ 200ms (average time)
- **Recognition Distance:** 2-10meters  
(recommend Distance is 3.5 - 4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm - 11.1mm, Auto focus
- **Communication:** TCP/IP (10 / 100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in & out
- **Working Modes:** Video trigger



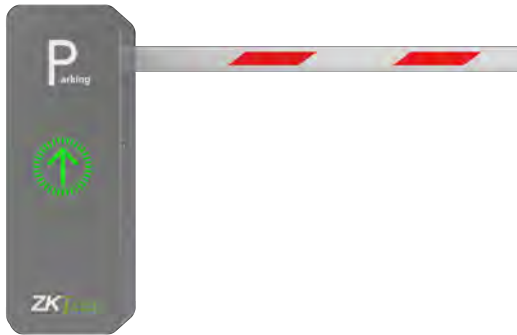
## LPRS2000

- **Recognition Accuracy:** Day $\geq$ 99.9%; Night $\geq$ 99.7%
- **Recognition Time:**  $\leq$ 200ms (average time)
- **Recognition Distance:** 2 - 10meters  
(recommend Distance is 3.5 - 4m)
- **Output Information:** License plate number, License plate picture, Access time
- **Supported Countries:** Thailand, Argentina, Mexico, Chile, Colombia, Turkey, Saudi Arabia, South Africa, Brazil, Peru, Mongolia, Malaysia, Indonesia, Vietnam, UAE, Oman, Egypt, EU, Korea, Pakistan, etc.
- **CPU:** A7@600 MHz, 32 KB I-cache, 32 KB D-cache/128 KB
- **Flash:** NOR FLASH 32M
- **RAM:** DDR3, 256M
- **Image Sensor:** 1/2.8" Sony 290 CMOS
- **Lens:** 2MP, 3.2mm - 11.1mm, Auto focus
- **Communication:** TCP/IP (10 / 100Mbps)
- **I/O Interface:** Two relay, two RS485 outputs, audio in/out, barrier status input, wiegand in & out
- **Working Modes:** Video trigger



## CMP200 Series

- **Boom Length:** 4.5m; 6m
- **Opening / Closing Time:** 3s (max 4.5m); 6s (max 6m)
- **Supply Voltage:** AC110V / 220V, 50 / 60Hz
- **Power Consumption:** 120W Max
- **Cabinet Material:** cold rolled steel
- **Boom Material:** aluminum and wood
- **Boom Type:** Straight telescopic boom
- **Temperature Range:** -25°C ~ +75°C
- **Humidity Range:**  $\leq$ 90%
- **Housing Dimensions (W \*D\*H):** 350 \* 280 \* 1010 (mm)
- **Packing Dimensions (W\*D\*H):** 430 \* 375 \* 1100 (mm)
- **Net Weight (without boom):** 45kg
- **Gross Weight (without boom):** 47kg



## BG500 Series

- Boom Length: 3m / 4.5m / 6m
- Opening / Closing Time: 1.5s (3m boom); 2.5s (4.5m boom); 5s (6m boom)
- Driving Method: DC 24V brushless motor
- Remote Control Distance: ≤30m (open, sunny weather)
- Output: up/down limit, traffic light
- Power Supply: 24V DC
- Frequency: 50 ~ 60Hz
- Power Consumption: 160W
- Operating Temperature Range: -30°C ~ +75°C
- Protection Level: IP54
- Net Weight: 43kg
- Machine Case Size: 280 \* 350 \* 1010 (mm)



## BG1000 Series

- Boom Length: 3m / 4.5m / 6m
- Opening / Closing Time: 1.5s (3m boom); 3s (4.5m boom); 5s (6m boom)
- Motor Type: 24V DC brushless motor
- Remote Control Distance: ≤30m
- Power Supply: 220V AC 50Hz / 110V AC 60Hz
- Power Consumption: 120W
- Operating Temperature Range: -35°C to 70°C
- Humidity Range: ≤90%
- Protection Level: IP 54
- Machine Case: powder coated steel
- Net Weight: 45kg
- Machine Case Size: 350 \* 300 \* 1020 (mm)



## BG2000 Series

High-Speed Parking Barrier with APP Adjust

- Boom Length: 3m / 4m
- Opening / Closing Time: 0.6s (3m boom); 2.5s (4m boom);
- Motor Type: 24V DC brushless motor
- MCBF: 5 million
- Remote Control Distance: ≤30m
- Power Supply: 220V AC 50Hz / 110V AC 60Hz
- Power Consumption: 120W
- Operating Temperature Range: -35°C to 70°C
- Humidity Range: ≤90%
- Protection Level: IP 54
- Machine Case: powder coated steel
- Net Weight: 45kg
- Machine Case Size: 350 \* 300 \* 1020 (mm)

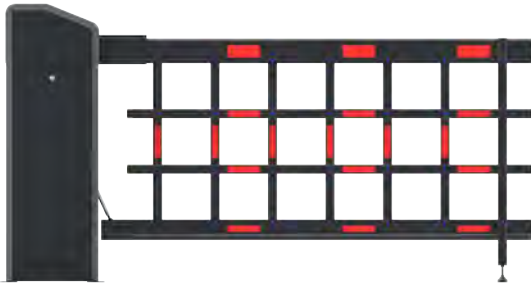


## ProBG3000 Series



- **Boom Length:** 3m / 4.5m / 6m
- **Opening/Closing Time:** 0.9s (3m boom); 2.5s (4.5m boom ); 3s (6m boom)
- **Driving Method:** Servo motor
- **Remote Control Distance:** ≤100m (open, sunny weather)
- **Output:** alarm signal, up/down limit, traffic light, OK signal (It will be output after machine self-inspection, means the barrier gate working state is OK)
- **Power Supply:** 24V DC, 100~240V AC
- **Frequency:** 50~60Hz
- **Power Consumption:** 100W
- **Operating Temperature Range:** -40°C~+75°C
- **Humidity Range:** ≤90%
- **Protection Level:** IP 54
- **Machine Case:** powder coated steel
- **Net Weight:** 48kg
- **Machine Case Size:** 360 \* 330 \* 1000 (mm)

## PB5000 Series



- **Boom Length:** 1m-6m
- **Opening / Closing Time:** 6s (1m≤L≤3m); 9s (1m≤L≤3m)
- **Driving Method:** AC motor
- **Remote Control Distance:** ≤30m (open, sunny weather)
- **Power Supply:** AC 220V / 110V
- **Frequency:** 50 / 60Hz
- **Power Consumption:** 140 - 250W
- **Operating Temperature Range:** -35°C ~ +85°C
- **Net Weight:** 110kg
- **Boom arm center height above ground:** 1130mm

## VR10 Pro



- **Detection Distance:** 1-6m
- **Working Frequency:** 79GHz
- **Working Voltage:** DC 10 - 16V
- **Working Current:** 0.2A
- **Power Consumption:** 2.5W
- **Transmitter Power Output:** 12.5dBm
- **Antenna Gain:** 10dBi
- **Power Consumption:** 100W
- **Interface:** Bluetooth, RS485, Relay
- **Product Size:** 107.5 \* 73.2 \* 18mm
- **Package Dimension:** 166 \* 94 \* 97mm
- **Net Weight:** 228.4g
- **Working Temperature:** -40°C to 85°C
- **Protection Standard:** IP67 Level

## Long Distance RFID Products

### UHF5 / 10 Pro



- Supports Two Operation Modes:  
Trigger to Read & Always Read (Default)
- Supports Different Wiegand Data Output (Wiegand 26 by default)
- LED at the bottom of readers indicating the reading status
- (7-color indicators: red, green, blue, yellow, cyan, purple, white)
- Multiple communication modes supporting Wiegand and RS485
- IP66 Protection level

Model	UHF5E Pro & UHF5F Pro	UHF10E Pro & UHF10F Pro
Reading Distance	2 to 8 meters (Hand held test) (Actual scenario test is around 4m)	10 to 20 meters (Hand-held test) (Actual scenario test is around 8m)
Antenna Gain	9dBi	12dBi
Dimensions (mm)	308.5 * 308.5 * 67.5	445 * 445 * 67.5
Weight	1.8kg	3kg
Power	1.2 - 4.2W	1.2 - 4.5W
Frequency	E: 865MHz - 868MHz F: 902MHz - 906MHz (adjustable)	
Communication Interface	Wiegand; RS485; USB configuration parameters (Wiegand, RS485 requires one of two options)	
Interface Protocol	EPC global UHF Class 1 Gen 2 / ISO 18000-6C	
Working Mode	Read Always (Default) and Read by Trigger	
Output Power	19dBm - 30dBm	
Protection Level	IP66	
Working Voltage	DC 9-15V	
Working Temperature And Humidity	-20°C - 65°C; <85%	
Storage Temperature And Humidity	-20°C - 80°C; <85%	
RS485 Communication	Optional baud rate (9600, 19200, 38400, 57600, 115200); the default is 115200	



## U1000E / U1000F



- **Reading Distance:** 0-6m (Recommend Distance: 0-3m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:** 865MHz – 868MHz (U2000E)  
902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;  
Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 250\*250\*70mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

## U2000E / U2000F



- **Reading Distance:** 0 - 12m (Recommend Distance: 0 - 6m)
- **Card Capacity:** 5,000
- **Log Capacity:** 30,000
- **Working Frequency:** 865MHz – 868MHz (U2000E)  
902MHz – 928MHz (U2000F)
- **Hardware Interface:** Two relay, door sensor, exit button, alarm
- **Working Mode:** Always read (Default), Trigger read
- **Working Voltage:** DC 9V -12V
- **Shell Material:** Antenna panel: ABS engineering plastics;  
Back cover: aluminum shell
- **Support Software:** ZKAccess3.5, ZKBioSecurity3.0
- **Working Temperature:** -20 °C ~ 60 °C
- **Dimension:** 445 \* 445 \* 70 mm (±5mm)
- **UHF Interface Protocol:** EPC global UHF Class / Gen 2 / ISO / 8000-6c
- **Communication Interface:** TCP/IP, USB, Wiegand34, Wiegand26 (Default)

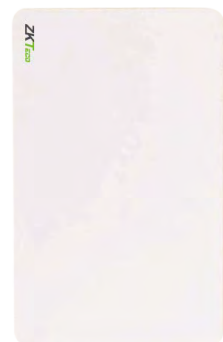


## UR20RW

Model	UR20RW-E	UR20RW-F
Card Supporting	UHF Tags,UHF Cards	
Working Frequency	865MHz to 868MHz	902MHz to 928MHz
Reading Distance	0 to 5cm valid distance	
Protocol	EPC global UHF Class 1 Gen 2, ISO 18000-6C	
Communication Interface	USB analog keyboard output	
Support Working	Supporting, Europe standard UHF reader	Supporting, American standard UHF reader
Working Voltage	DC 5V (±4%)	
Working Current	50 to 300mA	
Working Temperature	-10°C to +60°C	
Storage Temperature	-20°C to +60°C	
Dimension	107 * 107 * 23mm (±2mm)	

## UHF1-Tag9

- **Reading Distance:** 0 - 8m for vehicle management / 0 - 3m for access control management (Depending on UHF device and environment)
- **Application:** Long Distance fixed vehicle access management  
Non-contact access control management
- **Interface Protocol:** EPC global UHF Class 1 Gen 2 / ISO 18000-6C
- **Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Memory Capacity:** 800bits
- **Chip UID:** 64bits
- **Working Frequency:** 860 - 928MHz
- **Data Storage:** 5 Years (Only for chip)
- **Working Temperature:** -30 °C ~ 85 °C
- **Dimension:** 85 \* 54 \* 0.8 mm (±0.06mm)
- **Storage Humidity:** 40% ~ 50% RH
- **Packaging Process:** Hot Laminating



## New UHF Parking Tag



Model	New UHF Parking Tag (Screen printing label number)
Reading Distance	Stable 10m (Using UHF 6Pro reader)
Frequency	860MHz ~ 960MHz
Chip	The AZ 9654 H3
Interface Protocol	ISO18000-6C
Storage Structure	EPC: 96 bits TID: 64 bits USER: 512 bits
Erase Endurance	100000times (Only for chip)
Working Temperature	-30°C to +85°C
Storage Temperature	-30°C to +85°C
Dimension	100*40mm (Error ±0.03mm)

## UHF1-Tag4



Model	UHF1-Tag4
Reading Distance	0 to 4m (Depending on UHF device and environment)
Application	Long distance fixed vehicle access management
Working Frequency	860MHz to 928MHz
Interface Protocol	EPC global UHF Class 1 Gen 2/ISO 18000-6C
Storage Structure	EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
Chip	AlienH3
Erase Endurance	100000 times (Only for chip)
Data Storage	10 Years (Only for chip)
Working Temperature	0°C to 60°C
Storage Humidity	20% to 60% RH
Dimension	96.5 * 23.2mm (±0.5mm)

## UHF Waterproof Tag



Model	UHF Car Light Tag
Working Frequency	860MHz to 928MHz
Reading Distance	8m to 10m
Protocol	ISO 18000-6C
Chips UID	96bit
Storage Structure	EPC: 96bit; TID: 96bit; User: 512bit
Stored Data Expiration	10 years (only for chips)
Working Temperature	0°C to 75°C
Storage Humidity	10% to 95% RH
Dimensions	99 * 12mm (±0.5mm)
Material	PET

## Ticket Box

ZKTeco develops TBM01/02 ticket dispenser which supports microwave radar system, offers an efficient contactless ticketing system. TBM01/02 has various verification methods, including open bar-code scanning reader and card swiping. This ticket box helps avoiding cross infected during the pandemic.

Moreover, TBM01/02 ticket box contactless ticketing function works best for temporary parking, regular-parking induction card and motor-cycle lanes. With thermal TBM01/02 ticket box is widely used in supermarkets, communities, government buildings and other places.



Model	TBM01	TBM02
<b>Offline Working Parameters</b>		
Allowlist	1,000	
Blocklist	1,000	
Monthly Parking	8,000	
Entry and Exit Records	10000	
Captured Pictures	10000	
Communication Protocol	TCP/IP Wiegand	
Material	Cold rolled sheet	
Support Card Type (Optional)	IC, ID, UHF	
Protection Level	IP65	
Recognition Trigger	loop detection (by default)	
Working Voltage	220V	
Number of Sheets Printed per Roll	About 800	
Power	100W Max	50W Max
Working Humidity	≤90%	
Working Temperature	-15°C to 55°C	
Dimension	288*360*1380(mm)	
Weight	32KG	



## DF01 Card



- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** ID Card Function & UHF1-Tag1 Function
- **Working Frequency:** ID: 125KHz; UHF: 860-928MHz
- **Interface Protocol:** ID: IOS/EM400; UHF: EPC global UHF Class 1 Gen 2 / ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20% - 60% RH
- **Dimension:** 85 \* 54 \* 0.9 mm (±0.5mm)

## DF02 Card



- **Application:** Long Distance fixed vehicle access management (With Parking Card Holder); Access control management
- **Function:** MF Card Function & UHF1-Tag1 Function
- **Working Frequency:** MF: 13.56KHz; UHF: 860-928MHz
- **Interface Protocol:** MF: IOS/IEC14443A; UHF: EPC global UHF Class 1 Gen 2 / ISO 18000-6C
- **UHF Storage Structure:** EPC: 96bits; TID: 96bits; User: 512bits; Password: 64bits
- **Data Storage:** 5 Years (only for chip)
- **Storage Humidity:** 20% ~ 60% RH
- **Packaging Process:** Hot laminating
- **Working Temperature:** -30 °C ~ 55 °C
- **Storage Temperature:** -10 °C ~ 40 °C
- **Storage Humidity:** 20% - 60% RH
- **Dimension:** 85 \* 54 \* 0.9 mm (±0.5mm)

## ↘ Parking Locks

### Plock 1



Material	SPCC Steel
Control Distance	≤20 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	390 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1mA
Operating Current	≤0.9A
Size	390 * 460 * 75 mm
Weight	8KG

### Plock 2



Material	Steel
Control Distance	≤20 m
Auto-sensing Distance	≤15 m
Arm Rising Time/Falling Time	≤6s
Altitude After Rising	420 mm
Altitude After Dropping	75 mm
Operating Temperature	-10°C ~ 55°C
Power Supply	Alkaline Dry Battery (D*4)
Rated Voltage	DC6V
Quiescent Current	≤1.5 mA
Operating Current	≤2.5A
Size	460 * 460 * 75 mm
Weight	8KG

# Security Inspection

ZKTeco's security inspection products offer a dependable and flexible intelligence security solution. We build a comprehensive security system to protect your entrance security, features of which include People Inspection, Freight Inspection and Vehicle Inspection.





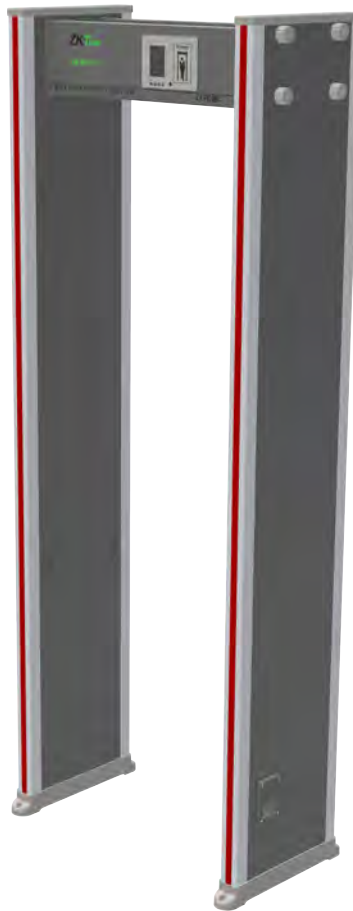
ZKTeco





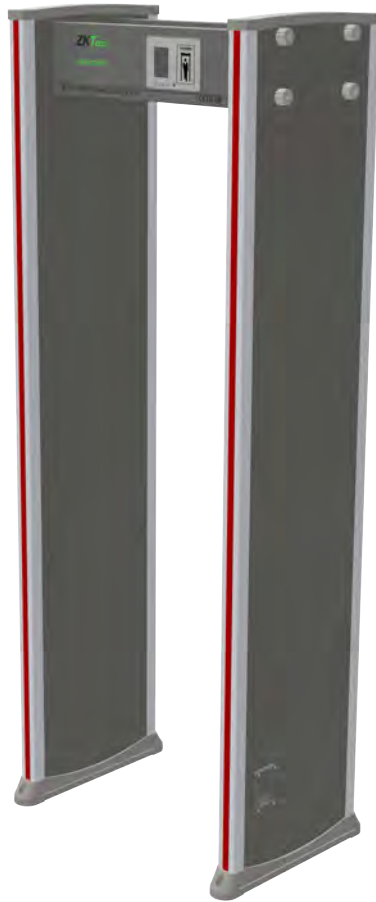
## Walk Through Metal Detector

### ZK-D1065 (F05200056)



Model	ZK-D1065
Power Supply	AC100V ~ 240V
Working Temperature	- 20 °C ~ + 55 °C
Working Humidity	<95% (non-condensing)
Working Frequency	5.7KHz ~ 9.6KHz
Input Voltage	DC12V
Working Current	1.4A
Running Power	16W
Alarm Volume	85dB
Dimension (mm)	2213 * 831 * 471 (H*W*L)
Dimension with Packing (mm)	2280 * 282 * 560 (H*W*L)
Weight with Packing	40kg

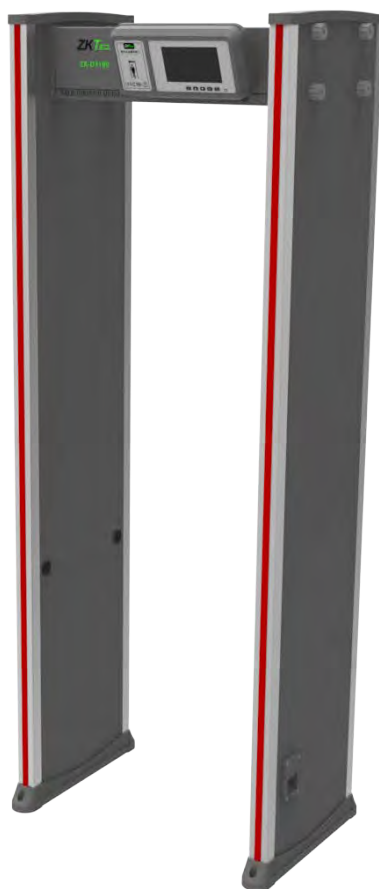
## ZK-D2180 (F05200057)



Model	ZK-D2180
Power Supply	AC100V ~ 240V
Working Temperature	- 20 °C ~ + 55 °C
Working Humidity	<95% (non-condensing)
Working Frequency	5.7KHz ~ 9.6KHz
Input Voltage	DC12V
Working Current	1.5A
Running Power	18W
Alarm Volume	85dB
Dimension (mm)	2226 * 844 * 579 (H*W*L)
Dimension with Packing (mm)	2280 * 282 * 660 (H*W*L)
Weight with Packing	50kg



## ZK-D3180 (F27010021)



Model	ZK-D3180
Power Supply	AC100V ~ 240V (DC12V / 3A)
Working Temperature	- 20 °C ~ 55 °C
Working Humidity	<95% (non-condensing)
Working Frequency	5.7KHZ~9.6kHz
Input Voltage	DC12V
Working Current	1.2A
Operating Power	14W
Dimension (mm)	2226(H) * 845(W) * 580(D)mm
Lane Size (L * W * H)	2000(H) * 710(W) * 498(D)mm
Dimensions of Product with Packaging (L*W*H)	2280 * 347 * 660mm
Weight with Packing	52KG

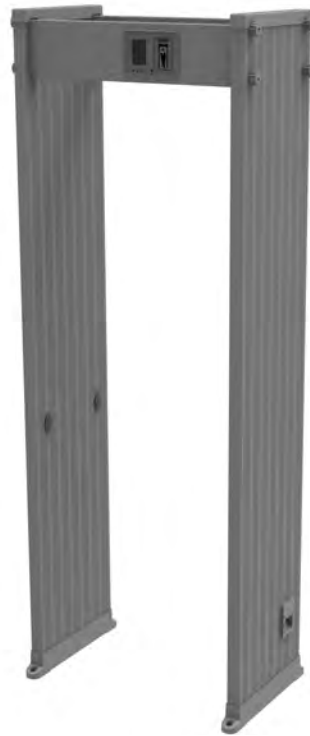
## ZK-D4330 (F05200064)



Model	ZK-D4330
Supply Voltage	15V
Temperature Range	- 20 °C ~ 50 °C
Frequency	5.7KHZ~9.6kHz
WorkStandard External Size(mm)	2200 * 930 * 760
Standard Internal Size(mm)	2010 * 760 * 760
Package Size for Door Panels(mm)	2300 * 335 * 800
Gross Weight	70KG
Display	7 inch touch screen
Zone Quantity	33
Each zone Sensitivity Level	500
Optional Functions	Backup battery, Universal wheel, WIFI, IP65

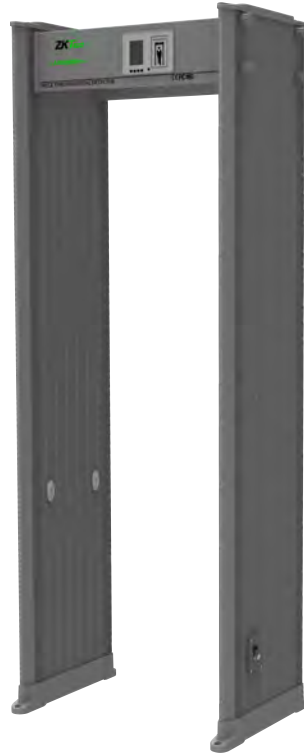


## AMD600 (F05200059)



<b>Model</b>	<b>AMD600</b>
<b>Power Supply</b>	AC100 V ~ 240 V
<b>Working Temperature</b>	-20°C ~ 55°C
<b>Working Humidity</b>	95% (non-condensing)
<b>Input Voltage</b>	DC12V
<b>Working Frequency</b>	5.7KHz ~ 9.6KHz
<b>Working Current</b>	1.5A (max)
<b>Running Power</b>	18W (max)
<b>Dimension (L * W * H)</b>	520 * 816 * 2218 (mm)
<b>Weight</b>	52 kg
<b>Dimension with Packing (L*W*H)</b>	2275 * 260 * 540 (mm)
<b>Weight with Packing</b>	59.5 kg

# AMD1800 Pro (F05200081)



<b>Model</b>	<b>AMD1800 Pro</b>
<b>Power Supply</b>	AC 100V to 240V
<b>Working Temperature</b>	-20°C to 55°C
<b>Working Frequency</b>	5.7kHz to 9.6kHz
<b>Working Humidity</b>	95% (non-condensing)
<b>Input Voltage</b>	DC 12V
<b>Working Current</b>	1.5A (max)
<b>Running Power</b>	18W (max)
<b>Protection Level</b>	IP65
<b>Product Dimensions (L*W*H)</b>	2229 * 816 * 554 (mm)
<b>Lane Dimensions (L*W*H)</b>	2002 * 704 * 488 (mm)
<b>Product Dimensions with Packing (L*W*H)</b>	2285 * 260 * 615 (mm)
<b>Net Weight</b>	60kg
<b>Gross Weight</b>	73kg
<b>Supported Software</b>	WTMD APP, WTMD Software
<b>Certificate</b>	CE, FCC

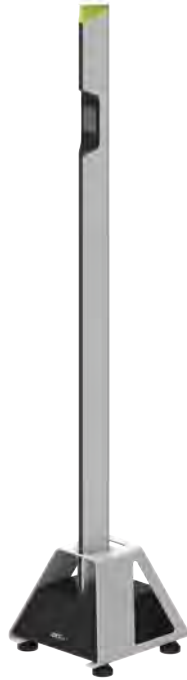


## ZK-MD6000 Series



Model	ZK-MD6000 (F27010035)	ZK-MD6000S (F27010037)
Operating System	Android (RAM: 2GB ROM: 2TB)	
Monitor	29 inches	
Operating Temperature	10°C to 35°C	
Input Voltage	100V to 240V, 50/60Hz	
WTMD Zones	33 Zones	
WTMD Working Frequency	5.7kHz to 9.6kHz	
WTMD Sensitivity	500 levels	
Temperature Detection Accuracy	±0.3°C (±0.54°F)	
Temperature Measurement Distance	1000mm ~ 2000mm	
Entrance Control Motor	/	DC Brushless Motor
Detectable Gas	/	CO , CH <sub>2</sub> O , H <sub>2</sub> , NH <sub>3</sub> , etc
Metal Detection	YES	
Thermal Imaging	YES	
Video Surveillance	YES	
Entrance Control	NO	YES
Facial Recognition and RFID	NO	YES
Gas Detection	NO	YES
Dimension(L*W*H)	620mm*1046mm*2460mm	1730mm*1046mm*2460mm

# MDS100 (F05200046)



Model	MDS100
Maximum Detection Distance	120cm
Detection Radius	Up to 80cm
Throughput Rate	50 people / minute
Sensitivity Level	100
Alarm Zone	2 zones
Touch Screen Size	3.5inches
Alarm Volume	1 to 10 Levels
Alarm Ring	6 Types (selectable)
Input Voltage	15V
Embedded Rechargeable Battery	8Hrs to be fully charged Supports 28Hrs of operation
Battery Capacity	10000mAh
Operating Power	3.9W
Protection Level	IPX5
Operating Temperature	-10°C to 50°C
Net Weight	15kg
Weight with Packing	40kg



## ✎ X-Ray

### ZKX6040 (F05210005)



Model	ZKX6040
Tunnel Dimensions (mm)	600 * 400 mm (W*H)
Conveyor Speed	0.30m/sec
Load on Conveyor	180kg (evenly distributed)
Conveyor Height	680 mm
Space Definition	Horizontal $\Phi$ 1.0mm / Vertical $\Phi$ 2.0mm
Steel Penetration	35mm
Wire Resolution	38AWG
Dual-energy Detector	Yes
Number of Colors in X-ray Image	3
Dimension (mm)	1701 * 910 * 1305 (L*W*H)
Package Dimensions (mm)	1990 * 990 * 1485 (L*W*H)
Weight	380 kg
Package Weight	480 kg
Film Safety	ASA / ISO1600 standard of film safety
Single Inspection Dosage Rate	$\leq 1.0\mu\text{Gy}$
Tube Current	0.8 mA
Anode Voltage	160 kV rated
Generator Cool	Seal oil cooling / 100%
Orientation	Vertically upwards

# BLADE6040 (F05210018)



Model	BLDAE6040
Tunnel Size	610 * 420 mm(W*H)
Speed	0.2 - 0.4 m/s
Hight of Transmission Belt	799mm
Maximun Load	≤200Kg (Adequate distribution)
Wire Resolution	38AWG
Space Definition	HorizontalΦ1.0mm / VerticalΦ2.0mm
Penetration	40mm steel board
Monitor	21.inch LED
Film Safety	ASA / ISO1600 standard of film safety
Tube Voltage	150-170 Kv
Cooling	Seal oil cooling / 100%
Single Inspection Dosage Rate	≤1.0μGy
Package Size	L2100mm * W1200mm * H1600mm (L*W*H)
Package Weight	750KG
Power Consumption	1 kVA
Noise	51.8 dB(A)



## ZKX5030A (F27020010(220V) F27020011(110V))



Model	ZKX5030A
Tunnel Size (W*H)	507 * 305 (mm)
Speed	0.20 m/s
Height of Transmission Belt	730 mm
Maximum Load	≤120 Kg (Adequate distribution)
Wire Resolution	34 AWG (0.16mm metal wire)
Space Definition	Horizontal Φ1.0mm \ Vertical Φ2.0mm
Penetrate Definition	32 AWG
Penetration	8 mm Steel board
Monitor	17 inch LED
System Function	High density alarm, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintainance, Training, 64 times continuous zoom in
Film Safety	ASA / ISO1600 standard of film safety

# ZKX5030C (F05210043)



Model	ZKX5030C
Tunnel Size (W*H)	507 * 305 (mm)
Speed	0.20 m/s
Height of Transmission Belt	730 mm
Maximum Load	≤120 Kg (Adequate distribution)
Wire Resolution	38 AWG (0.16mm metal wire)
Space Definition Horizontal	Φ1.0mm \ Vertical Φ2.0mm
Penetrate Definition	32 AWG
Penetration	32 mm Steel board
Monitor	17 inch LED
System Function	High density alarm, TIP, Luggage counter, System running timer, X-ray emitting timer, System maintenance, Training, 64 times continuous zoom in
Film Safety	ASA / ISO1600 standard of film safety



## ZKX6550 ( F05210046(220V) F05210021(110V) )



<b>Model</b>	ZKX6550
<b>Tunnel Size (W*H)</b>	655 * 505 (mm)
<b>Speed</b>	0.20 m/s
<b>Height of Transmission Belt</b>	700 mm
<b>Maximum Load</b>	≤180 kg (Adequate distribution)
<b>Wire Resolution</b>	40 AWG (0.0787mm metal wire)
<b>Space Definition</b>	Horizontal $\Phi$ 1.0mm \ Vertical $\Phi$ 2.0mm
<b>Penetrate Definition</b>	34 AWG
<b>Penetration</b>	38mm Steel board
<b>Monitor</b>	21.5 inch LED
<b>System Function</b>	High density alarm, Explosive/Drug auxiliary detect, TIP, Luggage counter, System running timer, X-ray emitting timer, Training, 64 times continuous zoom in
<b>Film Safety</b>	ASA / ISO1600 standard of film safety



»» **ZKX6550A** (F05210045)

- **Tunnel Size:** 665 \* 505 mm(W\*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 700mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** 38 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 10mm Steel board
- **Monitor:** 21.5 inch LED
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 80Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2240 \* 1170 \* 1755 mm (L\*W\*H)
- **Console Desk Size:** 805 \* 900 \* 1320 mm (L\*W\*H)
- **Package Weight:** 640KG + 100KG (Console desk)
- **Power Consumption:** 1kVA
- **Noise:** 53.8dB(A)



»» **ZKX6040A** (F27029116)

- **Model:** ZKX6040A
- **Tunnel Dimensions (mm):** 600 \* 400 mm (W\*H)
- **Conveyor Speed:** 0.30m/sec
- **Load on Conveyor:** 180kg (evenly distributed)
- **Conveyor Height:** 680 mm
- **Space Definition Horizontal:** Φ1.0mm / VerticalΦ2.0mm
- **Steel Penetration:** 8mm
- **Wire Resolution:** 34AWG
- **Dimension (mm):** 1701 \* 910 \*1305 (L\*W\*H)
- **Package Dimensions (mm):** 1990 \* 990 \* 1485 (L\*W\*H)
- **Weight:** 380 kg
- **Package Weight:** 480 kg
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Current** 0.6 mA
- **Anode Voltage** 80 kV rated



»» **ZKX6550D** (F05210048)

- **Tunnel Size:** 665\*505 mm (W\*H)
- **Speed:** 0.20m/s
- **Hight of Transmission Belt:** 800mm
- **Maximun Load:** ≤180Kg (Adequate distribution)
- **Wire Resolution:** Bottom Generator: 40AWG \ Side Generator: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** Bottom Generator: 38mm \ Side Generator: 38mm
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Radiation Leak Dosage:** 0.1μGy/h(5cm from the shell)
- **Package Size:** 2500 \* 1600 \* 1550 mm (L\*W\*H)
- **Console Desk Size:** 1320 \* 900 \* 1320 mm (L\*W\*H)
- **Package Weight:** 1000KG +135KG (Console desk)
- **Power Consumption:** 1.5kVA
- **Noise:** 55dB(A)



»» **ZKX10080** (F05210049)

- **Tunnel Size:** 1006 \* 803 mm(W\*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 385mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:** 38 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:** 32 AWG
- **Penetration:** 34mm Steel board
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling / 100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2200 \* 1500 \* 1750 mm (L\*W\*H)
- **Console Desk Size:** 1320 \* 900 \* 1320 mm (L\*W\*H)
- **Package Weight:** 1150KG + 135KG (Console desk)
- **Power Consumption:** 1kVA
- **Noise:** 53.8dB(A)



»» **ZKX100100** (F05210050)

- **Tunnel Size:** 1010 \* 1020 mm (W\*H)
- **Speed:** 0.2 m/s
- **Hight of Transmission Belt:** 484mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:** 40 AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetration:** 30mm Steel Board
- **Monitor:** 21.5 inch LED x 2
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Single Inspection Dosage Rate:** ≤1.0μGy
- **Package Size:** 2600 \* 1520 \* 1920 mm (L\*W\*H)
- **Console Desk Size:** 1320 \* 850 \* 1320 mm (L\*W\*H)
- **Package Weight:** 1250KG +135KG (Console desk)
- **Power Consumption:** 1kVA
- **Noise:** 55.8 dB(A)



»» **ZKX10080D** (F05210051)

- **Tunnel Size:** 1018 \* 822 mm (W\*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 300mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:**  
Bottom Generator: 40AWG / Side Generator: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:**  
Bottom Generator: 32AWG / Side Generator:32AWG
- **Penetration:** Bottom Generator: 38mm / Side Generator: 38mm
- **Monitor:** 21.5 inch LED x 2
- **System Function:** "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date / time display, User management, Training"
- **Film Safety:** ASA / ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Radiation Leak Dosage:** 0.2μGy/h(5cm from the shell)
- **Package Size:** 2900 \* 1900 \* 2000 mm (L\*W\*H)
- **Console Desk Size:** 1320 \* 900 \* 1320 mm (L\*W\*H)
- **Package Weight:** 1570KG + 135KG (Console desk)
- **Power Consumption:** 1kVA
- **Noise:** 53.8 dB(A)



»» **ZKX100100D** (F05210052)

- **Tunnel Size:** 1006 \* 1010 mm(W\*H)
- **Speed:** 0.2 - 0.4 m/s
- **Hight of Transmission Belt:** 385mm
- **Maximun Load:** ≤200Kg (Adequate distribution)
- **Wire Resolution:** Top view: 40AWG / Side view: 40AWG
- **Space Definition:** HorizontalΦ1.0mm / VerticalΦ2.0mm
- **Penetrate Definition:** Top view: 32AWG / Side view: 32AWG
- **Penetration:** Top view: 38mm / Side view: 38mm
- **Monitor:** 21.5 inch LED x 2
- **System Function:** "High density alert, Explosive / Drug auxiliary detect, TIP, Luggage counter, date/time display, User management, Training"
- **Film Safety:** ASA/ISO1600 standard of film safety
- **Tube Voltage:** 160Kv
- **Cooling:** Seal oil cooling/100%
- **Radiation Leak Dosage:** 0.2 μ Gy/h (5cm from the surface)

## Handheld Metal Detector



»» ZK-D100S (X01001061)

- **Optional Functions:** Li battery, USB charge cable
- **Dimension(mm):** 410 \* 85 \* 45
- **Power Voltage:** Standard 9V battery
- **Operating Voltage:** 7V-9V
- **Operating Current:** <50mA
- **Alarm Terms:** Sound (vibration) and light alarm simultaneously
- **Waterproof:** IP31
- **Alarm Sound:** ≥75dB(A)
- **Operation Frequency:** 22KHz



»» ZK-D180 (X01001019)

- **Dimension(mm):** 345 \* 69 \* 25
- **Power Voltage:** Li battery, USB charge cable
- **Operating Voltage:** 7V - 12V
- **Operating Current:** <5mA
- **Alarm Terms:** Sound (vibration) & light simultaneously
- **Alarm Sound:** 75dB(A)
- **Operation Frequency:** 22KHz



»» ZK-D300 (F27030010)

- **Dimension(mm):** 360 \* 82.5 \* 42.5
- **Weight:** 270g
- **Power supply:** Two AA batteries
- **Power Consumption:** <60mW
- **Operating Current:** <50mA
- **Alarm Terms:** Sound & light alarm / Vibration & light alarm
- **Material:** The cover is mainly ABS and rubber
- **Operating Temperature:** IP31
- **Alarm Sound:** 0°C ~ 60°C (Relative Humidity: 0 ~ 95%)
- **Operation Frequency:** 130KHz

## Explosive Detector



»» ZK-E8800 (X01003005)

- **Detection Technology:** Ion Mobility Spectrometry(IMS)
- **Sample Type:** Particulates, liquids and vapors
- **Detect Types of Sample:** Explosive: BP, TNT, DNT, RDX, PETN, NG, Tetryl, HMX, NH4NO3, Gina, Semtex, C4, TATP, HMTD, EGDN and etc., new samples can be added if needed  
Narcotics: Cocaine, Heroin, Methamphetamine, Morphine, Tetrahydrocannabinol (THC), Ketamine, MDMA, LSD, DOL, EPH, MDA, MDEA, Cathinone, AMPH and etc., new samples can be added if needed.
- **Sensitivity:** ng to pg level
- **Warm-up Time:** 20 minutes
- **Analysis Time:** 2 to 10 seconds
- **Alarm Form:** Explosives and types of narcotics can be displayed with light and visual alarm or hidden alarm.
- **Radiation Detector:** CsI (TI)
- **Power Range:** 33Kev ~ 3.0Mev
- **Relative Error:** Not exceeding + 20% .
- **Display:** 4.3 inch color LCD touch screen
- **Data Store and Interfaces:** At least 240000 sheets of raw data, Ethernet, USB interface
- **Dimensions(mm):** 440 \* 140 \* 150
- **Weight(kg):** 3.8 (with battery)
- **Power Supply:** 110 / 220VAC, 50 / 60Hz 24V AC / DC Adapter  
22.2V re-chargeable lithium-ion battery up to 4 hours stand-by time more than 8 hours
- **Working Temperature:** -10°C to 60°C, relative humidity≤93%

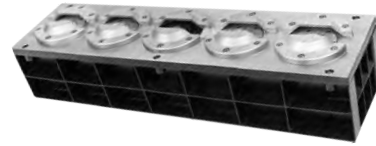


## Vehicle Inspection



»» **ZK-VSCN100** (X03401316)

- **Scanning Camera:** High-speed line-scanning camera
- **Vertical Resolution of the Image:** 6000 \* 2048 pixels
- **Speed of Vehicle:** 1-60km/h (Recommended speed ≤ 30km/h)
- **Effective Field of View (FOV):** Less than 170°
- **Auxiliary Light:** 160W
- **Weight Capacity:** 30T
- **Device Weight:** 52KG
- **Device Size(mm):** 670 \* 550 \* 740
- **Package Weight:** 95KG
- **Package Size(mm):** 850 \* 650 \* 970
- **Communication Interface:** RJ45
- **Operating Temperature:** -10°C to 60°C
- **Operating Voltage:** AC 220V / 110V, 50 - 60HZ
- **Surveillance Camera:** 2MP HD camera
- **Storage:** 1TB hard disk



»» **ZK-VSCN200** (X01050001)

- **Scanning Camera:** High-speed line-scanning camera
- **Vertical Resolution of the Image:** >6000 \* 2048 pixels
- **Speed of Vehicle:** 1-60km/h (Recommended speed ≤ 30km/h)
- **Effective Field of View (FOV):** less than 170°
- **Auxiliary Light:** 320W
- **Weight Capacity:** 50T
- **Water-proof Grade:** IP68
- **Scanning Device Weight:** 105KG
- **Scanner Size(mm):** 1100 \* 280 \* 205
- **Package Weight:** 140KG + 51KG (Distribution box) + 90KG (Console desk)
- **Package Size(mm):** 1300 \* 450 \* 480 (scanner)  
700 \* 400 \* 1200 (Distribution box)  
800 \* 750 \* 1560 (Console desk)
- **Surveillance Camera:** 2MP HD camera
- **Operating Voltage:** AC 220V / 110V, 50 - 60HZ
- **Scanning Mode:** Triggered by loop detector
- **Surveillance Camera:** 2MP HD camera
- **Storage:** 1TB Hard disk



»» **BOL1168-F** (X01004007)

- **Diameter:** 168mm
- **Height from Ground:** 600mm / customization
- **Average Thickness:** 6mm / customization
- **Embedding Depth:** 200mm
- **Material:** SUS304
- **Reflective Strip Color:** Yellow



»» **BOL1168-R** (X01004003)

- **Diameter:** 168mm
- **Height from Ground:** 600mm / customization
- **Average Thickness:** 6mm / customization
- **Embedding Depth:** 210mm
- **Material:** SUS304
- **Reflective Strip Color:** Yellow



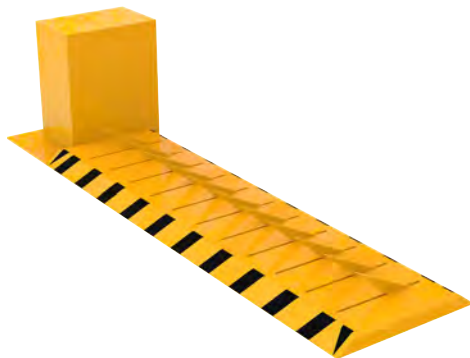
»» **BOL1219-A** (X01004069(220V)  
X01004071(110V))

- Drive Unit: Hydraulic
- Diameter: 219mm
- Weight :  $\geq 130\text{KG}$
- Underground Product Dimensions:  
430mm \* 430mm \* 1130mm /  
430mm \* 430mm \* 1330mm
- Raising / Lowering Time: 3s
- Weight Load: 120t
- Material : SUS304
- Material Thickness: 6 / 8 / 10 / 12 / 15 / 30mm
- Ingress Protection: IP68
- Working Voltage: AC110 / 220V
- Working Power: 350W
- Working Temperature:  $-35\text{ }^{\circ}\text{C}$  -  $75\text{ }^{\circ}\text{C}$



»» **BOL2219-A** (X01004095(220V)  
X01004093(110V))

- Drive Unit: Hydraulic
- Diameter: 219mm
- Weight : 150kg
- Raising Height: 600mm
- Raising / Lowering Time: 4s
- Material: SUS304
- Material Thickness : 6mm
- Underground Product Dimensions:  $\varnothing 400 * 1105$  (mm)
- Underground Product Material: A3 steel
- Ingress Protection: IP68
- Working Voltage: AC110 / 220V
- Working Power: 350W
- Working Temperature:  $-20\text{ }^{\circ}\text{C}$  -  $55\text{ }^{\circ}\text{C}$
- LED Indicator: Support



»» **ZK-TK500** (X01005001)

- Material: A3 Steel
- Material Thickness: 12 / 14 / 16mm
- Length: Customizable
- Width: 550mm
- Power Supply: 220V electric drive
- Height: 85mm
- Max Loading Weight: 80T
- Weight:  $\geq 220\text{kg}$
- Spike Height: 150mm
- Spike Thickness : 12mm
- Drive Mode: Electromechanical
- Working Environment:  $-40\text{ }^{\circ}\text{C}$  ~  $+70\text{ }^{\circ}\text{C}$
- Control Mode :  
Short range wireless remote control / drive-by-wire
- Raising/Lowering Time :  $\leq 1 \sim 2\text{s}$
- System Dynamic Power : 180W

# Smart Home Security

ZKTeco's smart home security system is an all-in-one IoT solution for the end users. Benefited from this smart and powerful system, we could enjoy a seamless experience with various smart home devices. Remote control, home automation, security monitoring and voice control are the key features for this solution.

To satisfy users' needs, especially the requirements of high-quality wireless door lock system, ZKTeco has been striving for enhancing performance of its hotel door locks. ZKTeco also launches a combination of wireless door lock and ZKBioHLMS (a version of ZKBioSecurity) as an integrated and complete solution for the hotel industry.





ZKTeco



## Residential Door Lock - Wireless IoT Lock



» ML200 (F03040072)



- **Material:** Zinc Alloy + ABS Plastic
- **Mortise:** American Standard Single Latch  
German Standard Mortise (optional)
- **User Capacity:** 100
- **Door Thickness:** 30-60mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE5.0 / Bluetooth Gateway (SLG200)
- **Application:** ZSmart
- **Dimensions:** Front-75(W) × 138(L) × 23(D)mm  
Back-75(W) × 150(L) × 27(D)mm



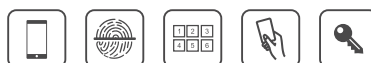
» ML300 (F03040073)



- **Material:** Zinc Alloy + ABS Plastic
- **Mortise:** American Standard Single Latch  
German Standard Mortise (optional)
- **User Capacity:** 100
- **Door Thickness:** 30 - 60mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE5.0 / Bluetooth Gateway (SLG200)
- **Application:** ZSmart
- **Dimensions:** Front-75(W) × 138(L) × 23(D)mm  
Back-75(W) × 150(L) × 27(D)mm



» AL40 (F03040079)



- **Material:** Zinc Alloy
- **Mortise:** American Deadbolt
- **User Capacity:** 100
- **Door Thickness:** 35 - 53mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE5.0 / Bluetooth Gateway (SLG200)
- **Application:** ZSmart
- **Dimensions:** Front-77(W) × 199(L) × 43(D)mm  
Back-77(W) × 199(L) × 52(D)mm



- **Material:** Zinc Alloy + ABS Plastic
- **Mortise:** American Standard Single Latch  
German Standard Mortise (optional)
- **User Capacity:** 100
- **Door Thickness:** 30 - 54mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** Zigbee / Zigbee Gateway (SLG100)
- **Application:** ZSmart
- **Dimensions:** Front-69(W) × 155(L) × 35(D)mm  
Back-69(W) × 155(L) × 26(D)mm



»» DL30Z (F03040062)



- **Material:** Zinc Alloy
- **Mortise:** China Standard Anti-theft Mortise
- **User Capacity:** 100
- **Door Thickness:** 38 - 60mm (standard)
- **Battery:** 8×AA Alkaline Battery (not supplied)
- **Communication:** Zigbee / Zigbee Gateway (SLG100)
- **Application:** ZSmart
- **Dimensions:** Front-78(W) × 340(L) × 31(D)mm  
Back-78(W) × 340(L) × 27(D)mm



»» TL300Z (F03070009)



- **Material:** Aluminum Alloy
- **Mortise:** European Standard Mortise (5050)
- **User Capacity:** 300
- **Door Thickness:** 35-60mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** Wi-Fi
- **Application:** ZSmart
- **Dimensions:** 58(W) × 265(L) × 22(D)mm



»» ML100 (F28010022)



»» TL800 (F28010015)



- **Material:** Aluminum Alloy
- **Mortise:** Chinese Standard Mortise (6068)
- **User Capacity:** 250
- **Door Thickness:** 45 - 60mm (standard)
- **Battery:** Rechargeable Lithium Battery
- **Communication:** Wi-Fi
- **Application:** ZSmart
- **Dimensions:** Front-74(W) × 400(L) × 23(D)mm  
Back-74(W) × 400(L) × 24(D)mm



»» HBL400 (F28010016)



- **Material:** Aluminum Alloy
- **Mortise:** Chinese Standard Mortise (6068)
- **User Capacity:** 250
- **Door Thickness:** 45 - 60mm (standard)
- **Battery:** Rechargeable Lithium Battery
- **Communication:** Wi-Fi
- **Application:** ZSmart
- **Dimensions:** Front-74(W) × 400(L) × 23(D)mm  
Back-74(W) × 400(L) × 24(D)mm



»» TL700W (F28010036)



- **Material:** Aluminum Alloy
- **Mortise:** Chinese Standard Mortise (6068)
- **User Capacity:** 250
- **Door Thickness:** 45-60mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** Wi-Fi
- **Application:** ZSmart
- **Dimensions:** 75(W) × 370(L) × 23(D)mm

## Residential Door Lock - Hybrid Biometric Lock



»» HBL100B (F03020024)



- **Material:** Zinc Alloy
- **Mortise:** American Standard Single Latch  
German Standard Mortise (optional)
- **User Capacity:** 100
- **Door Thickness:** 30 - 60mm (standard)
- **Battery:** Rechargeable Lithium Battery  
8×AA Alkaline Battery (optional)
- **Communication:** BLE4.0
- **Application:** ZK SmartKey
- **Dimensions:** Front-86(W) × 236(L) × 37(D)mm  
Back-84(W) × 236(L) × 38(D)mm



»» HBL200B (F03020026)



- **Material:** Zinc Alloy
- **Mortise:** American Standard Single Latch  
German Standard Mortise (optional)
- **User Capacity:** 100
- **Door Thickness:** 30 - 60mm (standard)
- **Battery:** Rechargeable Lithium Battery  
8×AA Alkaline Battery (optional)
- **Communication:** BLE4.0
- **Application:** ZK SmartKey
- **Dimensions:** Front-86(W) × 236(L) × 37(D)mm  
Back-84(W) × 236(L) × 38(D)mm



»» ZM100 (F03020014)



- **Material:** Zinc Alloy
- **Mortise:** China standard anti-theft mortise
- **User Capacity:** Face / Fingerprint / Password / Card-100
- **Door Thickness:** 35 - 54mm (standard)
- **Battery:** Rechargeable Lithium Battery
- **Communication:** USB Flash Disk
- **Dimensions:** Front-78(W) × 350(L) × 44(D)mm  
Back-78(W) × 350(L) × 34(D)mm



## Residential Door Lock - Fingerprint Lock with Bluetooth



- **Material:** Zinc Alloy
- **Mortise:** European Standard Mortise
- **User Capacity:** Fingerprint / Password / Card-100
- **Door Thickness:** 35 - 65mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** USB Flash Disk; Bluetooth
- **Application:** ZK SmartKey
- **Dimensions:** Front-72(W) × 310(L) × 34(D)mm  
Back-72(W) × 310(L) × 30(D)mm



»» TL400B  
(F03040063 / F03040081)



- **Material:** Zinc Alloy
- **Mortise:** China Standard Anti-theft Mortise
- **User Capacity:** 100
- **Door Thickness:** 38 - 60 mm (standard)
- **Battery:** 8×AA Alkaline Battery
- **Communication:** BLE4.0
- **Application:** ZK SmartKey
- **Dimensions:** Front-78(W) × 340(L) × 31(D)mm  
Back-78(W) × 340(L) × 27(D)mm



»» TL300B (F03040055)



- **Material:** Zinc Alloy
- **Mortise:** American Standard Single Latch (For AL20B)  
German standard mortise (For AL20DB)
- **User Capacity:** Fingerprint / Password-100
- **Door Thickness:** 30 - 54mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE4.0
- **Application:** ZK SmartKey
- **Dimensions:** Front-73(W) × 179(L) × 37(D)mm  
Back-73(W) × 179(L) × 27(D)mm



»» AL20B (F03040059 / F03040060)

## Residential Door Lock - Digital Lock with Bluetooth



»» AL10B (F03040057 / F03040058)



- **Material:** Zinc Alloy
- **Mortise:** American Standard Single Latch (For AL10B)  
German standard mortise (For AL10DB)
- **User Capacity:** Password / Card-100
- **Door Thickness:** 30 - 54mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE4.0
- **Application:** ZK Smartkey
- **Dimensions:** Front-73(W) × 179(L) × 37(D)mm  
Back-73(W) × 179(L) × 27(D)mm



»» DL30B (F03040061)



- **Material:** Zinc Alloy
- **Mortise:** American Standard Single Latch (For DL30B)  
German standard mortise (For DL30DB)
- **User Capacity:** 100
- **Door Thickness:** 30 - 54mm (standard)
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** BLE4.0
- **Application:** ZK SmartKey
- **Dimensions:** Front-69(W) × 155(L) × 35(D)mm  
Back-69(W) × 155(L) × 25(D)mm



## Residential Door Lock - Accessories



»» SLG100 (T11010040)

- **Supported Product:** DL30Z / TL300Z
- **Max. Node:** 50
- **Communication:** 802.11b/g/n 2.4GHz Wi-Fi, 802.15.4 2.4GHz Zigbee
- **Encryption:** AES-128
- **Dimensions:** 60.5 \* 60.5 \* 16.1 (mm)



»» SLG200 (T11010140)

- **Supported Product:** ML200 / ML300 / AL40
- **Max. Node:** 128
- **Communication:** 802.11b/g/n 2.4GHz Wi-Fi, 2.4GHz BLE 5.0 / BLE 4.2
- **Encryption:** AES-128
- **Dimensions:** 60.5 \* 60.5 \* 16.1 (mm)

## Hotel Door Lock - Wireless Hotel Lock



»» ZL500 (F03030033)



- ZKBioHLMS (charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35 - 45mm (standard)
- RFID S50 / S70 IC Card (13.56MHz)
- 4xAA Alkaline Battery (not supplied)



»» ZL600 (F28020015)



- ZKBioHLMS (charged)
- 304 Stainless Steel
- European Standard Mortise
- 32 - 58mm (standard)
- RFID S50 / S70 IC Card (13.56MHz)
- 4xAAA Alkaline Battery (not supplied)



»» ZL700 (F28020005)



- ZKBioHLMS (charged)
- 304 Stainless Steel
- 36 - 56mm (standard)
- RFID S50 / S70 IC Card (13.56MHz)
- 4xAA Alkaline Battery (not supplied)

## » Hotel Door Lock - Electronic Hotel Lock



» LH1000 (F03030001)



- ZKBioblock (FREE)  
ZKBioSecurity V3200 (Charged)
- 304 Stainless Steel
- 35 - 54mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



» LH3000 (F03030016)



- ZKBioblock (FREE)  
ZKBioSecurity V3200 (Charged)
- 304 Stainless Steel
- 35 - 55mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



» LH3600 (F03030015)



- ZKBioblock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35 - 55mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



» LH4000 (F03030009)



- ZKBioblock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35 - 54mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



»» LH5000 (F03030012)



- ZKBiolock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35-54mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



»» LH6000 (F03030019)



- ZKBiolock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35 - 55mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



»» LH6500 (F03030022)



- ZKBiolock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy
- 40 - 50mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



»» LH6800 (F03030021)



- ZKBiolock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy (Front), ABS Plastic (Back)
- 35 - 45mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4xAA Alkaline Battery (not supplied)



### »» LH7500 (F03030027)



- ZKBiolock (FREE)  
ZKBioSecurity V3200 (Charged)
- Zinc Alloy
- 38 - 48mm (standard)
- RFID S50 / S70 IC Card (13.56Mhz)
- 4×AA Alkaline Battery (not supplied)

## » Hotel Door Lock - Accessories



### »» Encoder CR60W (T04010018)

- Supported Product: LH Series
- International Standard: ISO / IEC 14443 A
- Supported Card Type: RFID IC S50 / S70 card
- Working Frequency: 13.56MHz
- Power Supply: DC 5V (±4%)



### »» Energy Saving Switch

(T04010016 / T04010017)

- Material: PC
- Power Supply: AC 110V~220V
- Working Current: 40A
- Working Power: 8,800W
- Static Current: <23mA
- Delay Time: ≤10s
- Card Type: RFID IC S50 / S70 card



### »» D147-H (X00603035) Encoder

- Supported Product: ZL500 / ZL600 / ZL700
- International Standard: ISO / IEC 14443 A
- Supported Card Type: RFID S50 / S70 IC Card, DESfire
- Working Frequency: 13.56MHz
- Power Supply: DC 5V (±4%)



### »» SLG410 (F28040036) Gateway

- Supported Product: ZL500 / ZL600 / ZL700
- Max. Node: 6
- Communication: Wi-Fi 802.11 b/g/n 802.15.4/  
Zigbee
- Adapter Output: DC 5V, 1A



## ↳ Glass Door Lock



»» GL300 (X01606009)



- **Material:** Zinc Alloy + ABS Plastic
- **Mortise:** N / A
- **User Capacity:** 100
- **Door Thickness:** 10 - 12mm
- **Battery:** 4×AA Alkaline Battery (not supplied)
- **Communication:** N / A
- **Dimensions:** Front-131(W) × 200(L) × 38(D)mm  
Back-131(W) × 200(L) × 25(D)mm



»» GL300W (F28030008)



- **Material:** Zinc Alloy + ABS Plastic
- **Mortise:** N/A
- **User Capacity:** 100
- **Door Thickness:** 10-12mm
- **Power Supply:** 4×AA Alkaline Battery (not supplied)
- **Communication:** Wi-Fi
- **Dimensions:** Front-131(W) × 200(L) × 38(D)mm  
Back-131(W) × 200(L) × 25(D)mm

## ↳ PadLock



»» Padlock  
(X00402008 / X00402009)



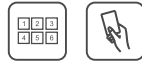
- **Material:** Zinc Alloy + Stainless steel
- **Mortise:** N / A
- **User Capacity:** 10 (2 Admins + 8 Normal users)
- **Door Thickness:** N / A
- **Charge Port:** Micro-USB port
- **Communication:** N / A
- **Dimensions:** 20 × 53 × 53 mm

## ▾ Cabinet Lock

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»» CL10  
(X00403005)



- **Material:** Stainless Steel + ABS
- **User Capacity:** 253
- **Cabinet Type:** Wooden
- **Battery:** 4xAA Alkaline Battery (not supplied)
- **Communication:** N/A
- **Dimensions:** Front-100(W) × 67(L) × 20(D)mm  
Back-96(W) × 68(L) × 58(D)mm

## ▾ Smart Home Security – Security Camera

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»» C1B Series  
F24130055(US) / F24130056(EU) / F24130057(UK)

### 3MP Indoor Wi-Fi Mini Cube Camera

- 3MP High Definition
- Motion Detection
- Night Vision
- Two-way Audio
- Private Mode
- Local & Cloud Storage



»» C2E Series  
F24130153(US) / F24130154(EU) / F24130155(UK)

### 3MP Indoor Wi-Fi P/T Camera

- 3MP High Definition
- Human Detection
- Motion Tracking
- H.265 Video Compression
- Private Mode
- Type-C Interface
- Two-way Audio
- Local & Cloud Storage



### »» C2G Series

F24130216(US) / F24130217(EU) / F24130218(UK)

#### 2MP Indoor P/T Camera with Dual Band Wi-Fi

- Dual Band Wi-Fi (2.4GHz + 5GHz)
- Human Detection
- H.265 Video Compression
- Sound Detection
- Private Mode
- Customizable Monitoring Sites
- Two-way Audio
- Local & Cloud Storage



### »» C3C Series

F24040016(US) / F24040017(EU) / F24040018(UK)

#### 3MP Outdoor Wi-Fi Mini Bullet Camera

- 3MP High Definition
- Human Detection
- Full Color Mode
- Weatherproof Design
- H.265 Video Compression
- Siren Alarm
- Two-way Audio
- Local & Cloud Storage



### »» C4E Series

F24080015(UK) / F24080016(EU) / F24080017(UK)

#### 4MP Outdoor Wi-Fi PTZ Camera

- 4MP High Definition
- Human Detection
- Full Color Mode
- Weatherproof Design
- H.265 Video Compression
- Siren Alarm
- Motion Tracking
- Local & Cloud Storage



### »» C4DS Series

F24130228

#### 3MP Wi-Fi Battery PTZ Camera With Solar Panel

- No Wiring Required
- Solar Powered Design
- 3MP High Definition
- Human Detection
- Full Color Mode
- Siren Alarm
- Motion Tracking
- Local & Cloud Storage



### »» C5BP Series

F24130065

#### 2MP Wi-Fi Outdoor Battery Camera

- No Wiring Required
- Human Detection
- Weatherproof Design
- Customizable Activity Zone
- Siren Alarm
- Night Vision
- Two-way Audio
- Local & Cloud Storage



### »» C5CP2 Series

F24130207(UK) / F24130208(EU) / F24130209(UK)

#### 2MP Wi-Fi Outdoor Battery Camera Kit

- No Wiring Required
- Human Detection
- Weatherproof Design
- Type-C Interface
- Siren Alarm
- Night Vision
- Two-way Audio
- Local & Cloud Storage



### »» C7C4 Series

F24110018(UK) / F24110019(EU) / F24110020(UK)

#### 4-Channel Wi-Fi NVR Kit

- 3MP High Definition
- Human Detection
- Weatherproof Design
- Full Color Mode
- H.265 Video Compression
- Up to 6TB HDD Storage
- Two-way Audio
- Local & Cloud Storage



### »» C7C8 Series

F24110024(UK) / F24110025(EU) / F24110026(UK)

#### 8-Channel Wi-Fi NVR Kit

- 3MP High Definition
- Human Detection
- Weatherproof Design
- Full Color Mode
- H.265 Video Compression
- Up to 6TB HDD Storage
- Two-way Audio
- Local & Cloud Storage



»» C9AP Series  
F24130159(US) / F24130160(EU)

### 3MP Outdoor Wi-Fi Floodlight Camera

- 3MP High Definition
- Human Detection
- Weatherproof Design
- Full Color Mode
- H.265 Video Compression
- Dual Band Wi-Fi (2.4GHz + 5GHz)
- Two-way Audio
- Local & Cloud Storage

## Smart Home Security – Video Doorbell

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»» D0AP  
2MP Wi-Fi Battery Video Doorbell

- 2.5D-glass Front Panel Design
- Built-in 9,600mAh Rechargeable Lithium Battery
- Human Detection
- Tamper Alarm
- Weatherproof Design
- H.265 Video Compression
- Two-way Audio
- Local & Cloud Storage



»» D0BPA  
F23160213  
2MP Wi-Fi Battery Video Doorbell

- 1080P Full-HD
- Human Detection
- Weatherproof Design
- Tamper Alarm
- H.265 Video Compression
- Voice Control
- Two-way Audio
- Local & Cloud Storage

## Smart Home Security – Alarm System & Sensors



### »» AP100 Series

F23160288 (US + EN) / F23160289 (US + ES)

F23160290 (EU + EN) / F23160291 (EU + ES)

F23160292 (UK + EN)

#### Wi-Fi Alarm System Kit

- Remote Control
- Easy Installation
- Home and Away Modes
- Built-in Backup Battery
- Customizable Zones Setting
- Real-time Operation Records
- Voice Control
- Instant App Alerts



### »» DS10

F23160297

#### Wi-Fi Door Sensor

- No Hub Required
- Dual Sensor Design
- Voice Control
- Real-time Status
- Low Battery Warning
- Instant App Alerts



### »» MS10

F23160298

#### Wi-Fi Motion Sensor

- No Hub Required
- Easy Installation
- Low Battery Warning
- Instant App Alerts



### »» WD10

F23160299

#### Wi-Fi Motion Sensor

- No Hub Required
- Weatherproof Design
- High-decibel Buzzer
- Real-time Status
- Low Battery Warning
- Instant App Alerts



## Smart Home Security – Smart Lighting & Electrical



### »» LB1 Series

F28040026(E26) / F28040029(E27)

#### Wi-Fi Smart Light Bulb

- Remote Control
- Voice Control
- Set Schedules
- Multicolor & Tunable White
- Dimmable
- Scenes Setting
- Music Sync
- Group Control



### »» SP1

F28040022

#### Wi-Fi Smart Plug (US Standard)

- Wi-Fi & BLE Dual Protocol Module
- Remote Control
- Voice Control
- Set Schedules
- Child Lock Mode
- Group Control



### »» SP2

F28040033

#### Wi-Fi Smart Plug (EU Standard)

- Wi-Fi & BLE Dual Protocol Module
- Remote Control
- Voice Control
- Set Schedules
- Energy Statistics
- Group Control



»» **SW11-US / SW12-US / SW13-US**

F23160132 / F23160133 / F23160134

**Wi-Fi Light Switch (US Standard)**

- Remote Control
- Voice Control
- Set Schedules
- Group Control



»» **SW11-EU / SW12-EU / SW13-EU**

F28040038 / F28040039 / F28040040

**Wi-Fi Light Switch (EU Standard)**

- Remote Control
- Voice Control
- Set Schedules
- Group Control



A close-up photograph of a hand pressing a button on a video intercom panel. The panel is dark blue or black with a grid of buttons and a small camera lens at the top. The background is a blurred outdoor scene.

# Video Intercom Products

Video intercom products are used in many occasions. Through the indoor monitor, user can view outside and control door lock, which brings user safety and convenience. Also it makes users communication with visitors more pleasant and intuitive. Making the world a safer place is our vision.



## ↳ Analog Video Intercom-Kit



### »» VDPO3-B3 kit

- Display Screen: 7" TFT screen
- Resolution (H\*V): 800 \* 480
- Camera: 700 lines CMOS color camera



### »» VDPO4-B4 kit

- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480 \* 272
- Camera: 700 lines CMOS color camera



### »» VK04-A01 Kit

- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480\*272
- Camera: 1000TVL with IR cut, angle130°



### »» VK07-A01 Kit

- Display Screen: 7" TFT screen
- Resolution (H\*V): 1024\*600
- Camera: 1000TVL with IR cut, angle130°



### »» VK07-C02 Kit

- Display Screen: 7" TFT touch screen
- Resolution (H\*V): 1024\*600
- Camera: AHD 1080P with IR cut, angle160° Support mobile phone App

## ↳ Analog Video Intercom-Indoor Monitor Single Product



»» VDPI-B3

- Display Screen: 7" TFT screen
- Resolution (H\*V): 800 \* 480
- Dimension (mm): 230 \* 165 \* 20
- Material: ABS engineering plastic

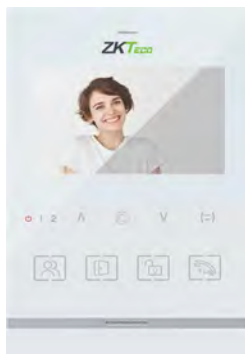
\* This product is a dedicated video indoor station for VDPO4-B4 KIT / VDPO3-B3 kit



»» VDPI-B4

- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480 \* 272
- Dimension (mm): 215 \* 195 \* 48
- Material: ABS engineering plastic

\* This product is a dedicated video indoor station for VDPO4-B4 KIT / VDPO3-B3 kit



»» VT04-A01

- Video Input: CVBS
- Display Screen: 4.3" TFT screen
- Resolution (H\*V): 480\*272
- Material: ABS plastic with sensor button
- Dimension (mm): 176\*118\*14
- Expand: Support 4 indoor stations, 2 outdoor stations, 3 Locks and 2 CCTV cameras / alarms

\* This product is a dedicated video indoor station for VK04-A01 Kit



»» VT07-A01

- Video Input: CVBS
- Display Screen: 7" TFT screen
- Resolution (H\*V): 1024\*600
- Material: ABS plastic with sensor button
- Dimension (mm): 178.5\*134\*16.5
- Expand: Support 6 indoor stations, 2 outdoor stations, 3 Locks and 2 CCTV cameras / alarms
- Store: Support max 128G SD card, built in 20pcs picture

\* This product is a dedicated video indoor station for VK07-A01 Kit



»» VT07-C02

- **Video Input:** AHD/TVI/CVI/CVBS
- **Display Screen:** 7" TFT touch screen
- **Resolution (H\*V):** 1024\*600
- **Material:** ABS plastic with sensor button
- **Dimension (mm):** 184\*126\*22.5
- **Expand:** Support 6 indoor stations, 2 outdoor stations, 3 Locks and 2 CCTV cameras / alarms
- **Store:** Support max 32G SD card, built in 20pcs picture
- **Internet:** 2.4G WIFI connect to internet
- **Support App:** Work with mobile phone App

\* This product is a dedicated video indoor station for VK07-C02 Kit

## » Analog Video Intercom-Outdoor Station Single Product



### »» Basic Model

- **Material:** Aluminum alloy shell
- **Reading Capacity:** 50pcs Cards
- **Camera:** 700 lines CMOS color camera

\* This product is a dedicated video outdoor station for VDPI-B3/VDPI-B4



### »» Standard Model

- **Camera:** 1000TVL with IR cut, angle 130°
- **Night Vision:** Support, infrared LED 5PCS
- **Material:** Aluminum alloy case + Acrylic
- **Dimension (mm):** 133X48X18.8
- **Operating temperature:** -40°C to 50°C

\* This product is a dedicated video outdoor station for VT07-C02, VT07-A01, VT04-A01/VK07-C02, VK07-A01, VK04-A01



### »» High-end Model

- **Camera:** AHD 1080P with IR cut, angle 160°
- **Night vision:** Support, infrared LED 5PCS
- **Material:** Aluminum alloy case + Acrylic
- **Dimension (mm):** 133X48X18.8
- **Operating temperature:** -40°C to 50°C

\* This product is a dedicated video outdoor station for VT07-C02/VK07-C02

## ↳ IP Office Video Intercom



»» VT07-B01

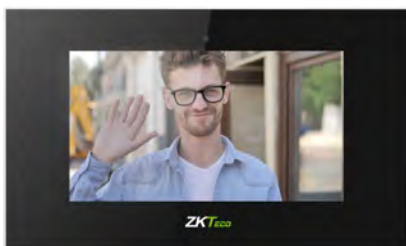
- OS: Linux
  - Display Screen: 7" LCD high-definition display
  - Resolution (H\*V): 1024\*768
  - Screen Function: 4 split divided screen
  - Operating Temperature: -20°C to 50°C
  - Dimension (mm): 185\*167\*22
  - Install: Wall mount or desktop stand
- \* This indoor monitor can work with all on sell types of ZKTeco access control terminals (Use as the outdoor station)

## ↳ IP Building Video Intercom-Indoor Monitor



»» VT07-B22L

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 800 x 480
- OS: Linux
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 221.4 \* 151.4 \* 16.5 ( mm)



»» VT07-B23L

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 800 x 480
- OS: Linux
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 235 \* 145 \* 19.5 ( mm)



»» VT10-B21L

- Display Screen: 10.1" TFT LCD
- Resolution (H\*V): 1024\*600
- OS: Linux
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 270 \* 168 \* 15 ( mm)



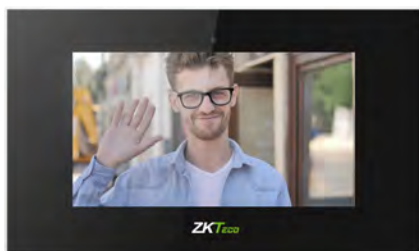
»» VT07-B21A

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 1024\*600
- OS: Android 4.4.2
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 221.4 \* 151.4 \* 16.5( mm)



»» VT07-B22A

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 1024\*600
- OS: Android 6.0.1
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 221.4 \* 151.4 \* 16.5( mm)



»» VT07-B23A

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 1024\*600
- OS: Android 6.0.1
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 235 \* 145 \* 19.5 ( mm)



»» VT10-B21A

- Display Screen: 10" TFT LCD
- Resolution (H\*V): 1024\*600
- OS: Android 6.0.1
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 270 \* 168 \* 15( mm)

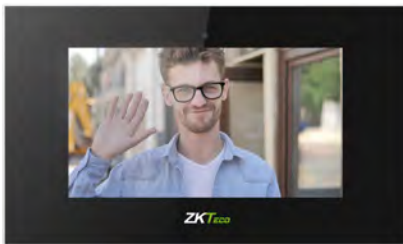
## ↳ 2 wire to IP-Indoor Monitor

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»» VT07-C22L

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 800\*480
- OS: Linux
- Front Panel: Plastic
- Ethernet Ports: 2 wire port
- Power Output: 1 (12V/100mA)
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 235 \* 145 \* 19.5 ( mm)



»» VT07-C23L

- Display Screen: 7" TFT LCD
- Resolution (H\*V): 800\*480
- OS: Linux
- Front Panel: Plastic
- Ethernet Ports: 2 wire port
- Doorbell Input: 8 (use any alarm input port)
- Installation: Surface mounting
- Dimension: 235 \* 145 \* 19.5 ( mm)

## ↳ 2 wire to IP-Accessories

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»» VDP28-M



»» VDP28-S



»» VDP21-M



»» VDP21-S



## ↳ IP Building Video Intercom -Outdoor Station



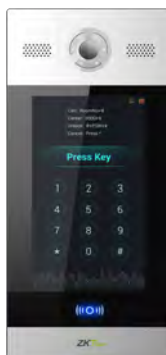
»» VEX-B21A

- **Product Size(mm):** 380\*158\*55.7
- **OS:** Android 4.4.2
- **Screen:** 4.3" LCD
- **Power Supply:** PoE/DC12V
- **Camera:** CMOS 2M pixel
- **Facial Recognition:** Capacity 10,000 users
- **RFID:** IC/ID(Optional), 100000pcs
- **Night Vision:** Support
- **Install:** Flush mount/ Surface mount
- **Protocol:** SIP, TCP/IP



»» VEX-B21L

- **Product Size(mm):** 380\*158\*55.7
- **OS:** Linux
- **Screen:** 4.3" LCD
- **Power Supply:** PoE/DC12V
- **Camera:** CMOS 2M pixel
- **Video Resolution:** 1280\*720
- **RFID:** IC/ID(Optional), 20000pcs
- **Night Vision:** Support
- **Install:** Flush mount
- **Protocol:** SIP, TCP/IP



»» VEX-B22A

- **Product Size(mm):** 400\*180\*45
- **OS:** Linux
- **Screen:** 10.1" LCD
- **Power Supply:** PoE/DC12V
- **Camera:** CMOS 2M pixel
- **Video Resolution:** 1920\*1080
- **Facial recognition:** Capacity 10,000 users
- **RFID:** IC/ID(Optional), 100000pcs
- **Night Vision:** Support
- **Install:** Flush mount
- **Protocol:** SIP, TCP/IP



»» VE01-B22L

- **Product Size(mm):** 116\*192\*47
- **Built-in Box Size(mm):**100\*175\*45
- **OS:** Linux
- **Power Supply:** PoE/DC12V
- **Camera:** CMOS 2M pixel
- **Video Resolution:** 1280\*720p
- **RFID:** IC/ID(Optional), 20000pcs
- **Install:** Flush mount
- **Protocol:** SIP, TCP/IP



»» VE01-B23L

- Product Size(mm): 116\*192\*47
- Built-in Box Size(mm): 100\*175\*45
- OS: Linux
- Power Supply: PoE/DC12V
- Camera: CMOS 2M pixel
- Video Resolution: 1280\*720p
- Unlock: Password
- Install: Flush mount
- Protocol: SIP, TCP/IP

## » IP Video Intercom Series-Management Center

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»» VE10-B21A

- Display: 10.1" TFT LCD
- Resolution : 1024 x 600
- System : Android
- Front Panel: Plastic
- Power Supply: PoE (IEEE802.3af) or DC 12V/2A
- Camera: 0.3MP, CMOS
- Installation: Desktop
- Dimension: 303 \* 195 \* 35 ( mm)

# ECO

Eco-products are one of the business of ZKTeco.

With hybrid bio-identification as the core, we focus on our products and strive to create an eco-product system that provides customers with one-stop product procurement and services, including OA/ time management products, security inspection products, security products, entrance control products, biometrics products, video surveillance, peripheral products and more.





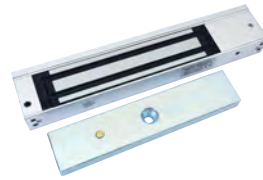


## ↳ Eco Products-Electromagnetic Locks



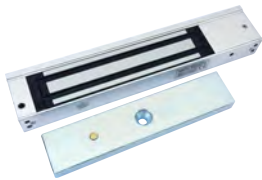
»» **LM-1802** X02116042 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L \* 38.5W \* 21Hmm
- **Armature Plate dimensions:** 130L \* 33W \* 11Hmm
- **Holding Force:** 120Kg±10 (270Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14 - 131F)
- **No LED, 2 Wires:** Power (+/-)
- **Weight:** 1.07kg



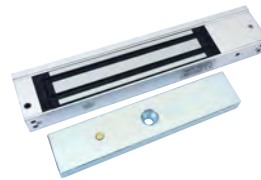
»» **LM-1805** X02116044 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 170L \* 38.5W \* 21H mm
- **Armature Plate Dimensions:** 130L \* 33W \* 11H mm
- **Holding Force:** 120Kg±10 (270Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14 - 131F)
- **No LED, 5 Wires:** Power (+/-), Door Sensor (NO / NC / COM)
- **Weight:** 1.07kg



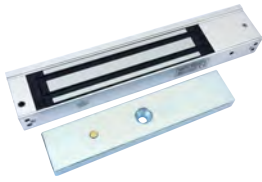
»» **LM-2802** X02116046 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 250L \* 47W \* 25.5H mm
- **Armature Plate Dimensions:** 180L \* 38W \* 11H mm
- **Holding Force:** 200Kg±10 (440Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10~+55°C (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 1.9kg



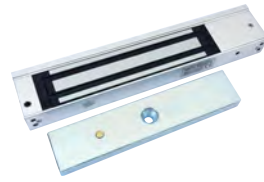
»» **LM-2805** X02116047 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 250L \* 47W \* 25.5H mm
- **Armature Plate Dimensions:** 180L \* 38W \* 11H mm
- **Holding Force:** 200Kg±10 (440Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14-131F)
- **With LED Working State Light, 5 Wires:** Power (+/-), Door Sensor (NO / NC / COM)
- **Weight:** 2.0kg



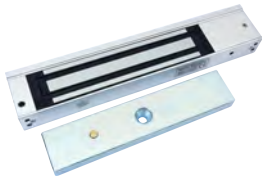
»» **LM-3502** X02116050 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 246L \* 56.5W \* 27.5H mm
- **Armature Plate Dimensions:** 158L \* 43W \* 11H mm
- **Holding Force:** 240Kg±10 (530Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 2.16kg



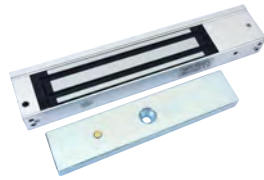
»» **LM-3505** X02116052 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 246L \* 56.5W \* 27.5H mm
- **Armature Plate Dimensions:** 158L \* 43W \* 11Hmm
- **Holding Force:** 240Kg±10 (530Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14-131F)
- **With LED Working State Light, 5 Wires:** Power (+/-), Door Sensor (NO / NC / COM)
- **Weight:** 2.16kg



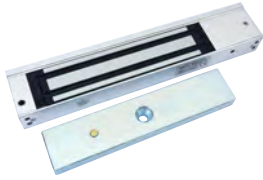
»» **LM-5002** X01601018 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 265L \* 74.7W \* 39H mm
- **Armature Plate Dimensions:** 185L \* 60W \* 16H mm
- **Holding Force:** 410Kg±10 (900Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14-131F)
- **With LED Power Light, 2 Wires:** Power (+/-)
- **Weight:** 4.33kg



»» **LM-5005** X01601020 (ZKTeco Label)

- **Working Mode:** Power-on to lock
- **Lock Dimensions:** 265L \* 74.7W \* 39H mm
- **Armature Plate Dimensions:** 185L \* 60W \* 14Hmm
- **Holding Force:** 410Kg±10 (900Lbs)
- **Current Draw:** 420mA@12V
- **Surface Temp:** ≤+20°C
- **Operating Temp:** -10 ~ +55°C (14-131F)
- **With LED Working State Light, 5 Wires:** Door Sensor (NO / NC / COM)
- **Weight:** 4.33kg



»» AL-180 X03401176

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 115±10kg
- **Weight:** 1.07kg
- **Size:** 166 \* 21 \* 41mm



»» AL-180M X02116032

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 115±10kg
- **Weight:** 1.07kg
- **Size:** 198 \* 21 \* 35mm



»» AL-180D X03401156

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 2 \* 115±10kg
- **Weight:** 1.07kg
- **Size:** 332 \* 21 \* 41mm



»» AL-280 (LED)  
X03401177

- **Working Mode:** Power-on to lock
- **Voltage:** DC12V input
- **Holding Force:** 210kg±10kg
- **Weight:** 1.97kg
- **Size:** 253 \* 25 \* 48mm



»» AL-280D (LED)  
X02116033

- **Working Mode:** Power-on to lock
- **Voltage:** DC12 / 24V input
- **Holding Force:** 2 \* 210kg±10kg
- **Weight:** 3.90kg
- **Size:** 506 \* 25 \* 48mm



»» AL-350 (LED)  
X03401178

- **Working Mode:** Power-on to lock
- **Voltage:** DC12 / 24V input
- **Holding Force:** 315kg±10kg
- **Weight:** 3.90kg
- **Size:** 253 \* 28 \* 55mm



»» AL-350D (LED)  
X02116034

- **Working Mode:** Power-on to lock
- **Voltage:** DC12 / 24V input
- **Holding Force:** 2\*315kg±10kg
- **Weight:** 4.92kg
- **Size:** 506 \* 28 \* 55mm



»» AL-500D (LED)  
X02116030

- **Working Mode:** Power-on to lock
- **Voltage:** DC12 / 24V input
- **Holding Force:** 2 \* 460kg±10kg
- **Weight:** 8.96kg
- **Size:** 560 \* 38 \* 70mm

## ↳ Eco Products-Electric Cabinet Locks

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### »» AL-400 X03401232

- Electric Lock For Storage Box
- Power Supply: DC12V 0.2A
- Dimension: 54.5 \* 41 \* 28mm



### »» PLL100

- Electric Lock For Storage Box
- Material: Nickel-plated Iron
- Specifications: 97.5 \* 38 \* 28 (include pull-tab)
- Voltage: DC12V(±10%)
- Current: 0.8A



## ↳ Eco Products-Electric Strike Locks



»» **LB-12** X02116036 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 204L \* 35W \* 39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V - DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power(+/-)
- **Concealed Installation**



»» **LB-22** X02116037 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L \* 35W \* 39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V - DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-)  
Support Time Delay: 0, 3, 6sec
- **Concealed installation**



»» **LB-35** X02116039 (ZKTeco Brand)

- **Working Mode:** Power-on to lock
- **Size:** 205L \* 35W \* 39H mm
- **Material Bolt:** SUS304 solid stainless steel bolt
- **Working Voltage:** DC12V - DC24V

- **Working Current:** 450mA
- **Holdind Force:** 1000Kg
- **Weight:** 0.7kg
- **2 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC / COM)
- **Concealed installation**



»» **AL-130N0/NC**  
X02116024 / X02116023

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L \* 28W \* 35H mm
- **Working Voltage:** DC12V - DC24V
- **Working Current:** 240mA

- **Holdind Force:** 250Kg
- **Weight:** 0.37kg
- **5 Wires:** Power (+/-), Exit Button (-), Door Sensor (NC / COM)
- **Suitable For:** Wooden door



»» **AL-131N0/NC**  
X02116026 / X02116025

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L \* 28W \* 35H mm
- **Working Voltage:** DC12V - DC24V

- **Holdind Force:** 250Kg
- **Weight:** 0.38kg
- **Suitable For:** Metal door
- **Working Current:** 240mA



»» **AL-132N0/NC**  
X02116028 / X02116027

- **Working Mode:** Power-on to lock (NC), Power-off to lock (NO)
- **Size:** 150L \* 28W \* 35H mm
- **Working Voltage:** DC12V - DC24V

- **Holdind Force:** 400Kg
- **Weight:** 0.41kg
- **Suitable For:** Metal door
- **Working Current:** 240mA

## ↳ Eco Products-Electric Locks



»» LL-01 X01601014

- **Working Mode:** Power-on to lock (NC)
- **Size:** 129.8L\*105.8W\*39.2H mm
- **Working Voltage:** DC12V
- **Working Current:** 1.5-3A
- **Weight:** 1.46kg
- **Single Cylinder, Roll Latch**



»» LL-02 X01601015

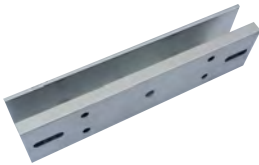
- **Working Mode:** Power-on to lock (NC)
- **Size:** 128L\*96W\*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.5kg
- **Single Cylinder, Roll Latch**



»» LL-03 X01601016

- **Working Mode:** Power-on to lock (NC), Support ID card unlock
- **Size:** 128L\*96W\*43H mm
- **Working Voltage:** DC12V
- **Working Current:** 350mA
- **Weight:** 1.6kg
- **Single Cylinder, Roll Latch**

## ↳ Eco Products-Electric Lock Brackets



»» LMB-180U X01603001

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130 \* 43 \* 28 mm
- **Weight:** 0.32kg



»» LMB-180L X01603002

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 170 \* 50 \* 30 mm
- **Weight:** 0.3kg



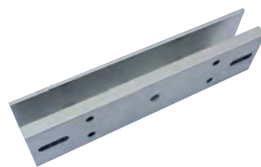
»» LMB-180Z X01603003

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 130 \* 50 \* 50 mm
- **Weight:** 0.54kg



»» LMB-180ZL X01603004

- **Suitable For:** LM-1802, LM-1805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-180Z+LMB-180L
- **Weight:** 0.84kg



»» LMB-280U X01603005

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180 \* 43 \* 28 mm
- **Weight:** 0.42kg



»» LMB-280L X01603006

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 250 \* 50 \* 30 mm
- **Weight:** 0.32kg



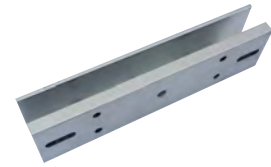
»» **LMB-280Z** X01603007

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180 \* 50 \* 50 mm
- **Weight:** 0.56kg



»» **LMB-280ZL** X01603008

- **Suitable For:** LM-2802, LM-2805
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-280Z+LMB-280L
- **Weight:** 0.88kg



»» **LMB-350U** X01603009

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 180 \* 43 \* 28 mm
- **Weight:** 0.42kg



»» **LMB-350L** X01603006

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 158 \* 50 \* 50 mm
- **Weight:** 0.32kg



»» **LMB-350Z** X01603011

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 158 \* 50 \* 50 mm
- **Weight:** 0.61kg



»» **LMB-350ZL** X01603012

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-350Z+LMB-350L
- **Weight:** 0.93kg



»» **LMB-500L** X01601021

- **Suitable For:** LM-5002, LM-5005
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 266 \* 92 \* 51 mm
- **Weight:** 0.52kg



»» **LMB-500Z** X01601022

- **Suitable For:** LM-5002, LM-5005
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** 185 \* 70 \* 60.5 mm
- **Weight:** 0.83kg



»» **LMB-500ZL** X01601023

- **Suitable For:** LM-3502, LM-3505
- **Opening Mode:** 90 degree door
- **Material:** anodized aluminum
- **Size:** LMB-500Z+LMB-500L
- **Weight:** 1.35kg



»» **LBB-1** X02117005

- **Suitable For:** LB-12, LB-22, LB-35
- **Opening Mode:** 180 degree door
- **Material:** anodized aluminum
- **Size:** 93L \* 49W \* 38H mm
- **Weight:** 0.72kg
- **Fully Frameless Glass Door:**  
Glass Thickness: 12 - 15CM



»» **LBB-2** X01603013

- **Suitable For:** LB-12, LB-22, LB-35
- **Opening Mode:** 180 degree door
- **Material:** anodized aluminum
- **Size:** 93L \* 49W \* 38H mm
- **Weight:** 0.35kg
- **Fully Frameless Glass Door:**  
Glass Thickness 10 - 15CM



»» **UBB-1** X01603014

- **Suitable For:** LB-12, LB-22, LB-35
- **Opening Mode:** 180 degree door
- **Material:** anodized aluminum
- **Size:** 93L \* 49W \* 38H mm
- **Weight:** 0.72kg
- **Fully Frameless Glass Door:**  
Glass Thickness 12 - 15CM



### »» AL-180PU/AL-280PU/AL-350PU

X03401179 / X03401180 / X03401168

- Suitable For: AL-180, AL-280, AL-180D, AL-280D, AL-350, AL-350D
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



### »» AL-180PL/AL-280PL/AL-350PL

X03401181 / X03401182 / X03401183

- Suitable For: AL-180, AL-280 (LED), AL-350 (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



### »» AL-180DPL/AL-280DPL/AL-350DPL

X03401172 / X03401187 / X03401173

- Suitable For: AL-180D, AL-280D (LED), AL-350D (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door



### »» AL-180PZ/AL-280PZ/AL-350PZ

X03401184 / X03401185 / X03401186

- Suitable For: AL-180, AL-280 (LED), AL-350 (LED), AL-280D (LED), AL-350D (LED)
- Material: anodized aluminum
- To Install The Iron Plate On The Glass Door

## » Eco Products-Door Closers



### »» DC4065 X02118007

- Size: 168L \* 63H \* 41.5Wmm
- Door Weight: 40KG - 65KG
- Door Width: ≤950mm
- Weight: 1.27 Kg



### »» DC6085 X02118008

- Size: 206L \* 68H \* 44.5Wmm
- Door Weight: 60KG ~ 85KG
- Door Width: ≤1050mm
- Weight: 1.84 Kg



### »» DC80120 X02118009

- Size: 226L \* 72H \* 44.5Wmm
- Door Weight: 80KG~120KG
- Door Width: ≤1200mm
- Weight: 1.99 Kg



(ZKTeco brand)

### »» DC4065L X02118004

- Size: 182L \* 60.5H \* 40.5Wmm
- Door Weight: 40KG - 65KG
- Door Width: ≤950mm
- Weight: 1.30 Kg



(ZKTeco brand)

### »» DC6085L X02118005

- Size: 188L \* 70H \* 53.9Wmm
- Door Weight: 60KG ~ 85KG
- Door Width: ≤1050mm
- Weight: 1.75 Kg



(ZKTeco brand)

### »» DC80120L X02118006

- Size: 208L \* 74H \* 41.8Wmm
- Door Weight: 80KG ~ 120KG
- Door Width: ≤1200mm
- Weight: 1.90 Kg



## ↳ Eco Products-Exit Buttons



»» **EB1** X01501013

- Wires: NO / NC / COM
- Size: 70 \* 14 \* 20mm
- Working Mode: touch



»» **EB2** X01501010

- Wires: NO / NC / COM, with Blue / Green Light
- Size: 86 \* 50 \* 21mm
- Working Mode: touch sensor



»» **EB3** X01501011

- Wires: NO / NC / COM, with Blue / Green Light
- Size: 86 \* 86 \* 21mm
- working Mode: touch sensor



»» **K08** X03401224

- Wires: NO / COM
- Size: 86L \* 86W \* 20T mm



»» **TLEB101**

X01501054 (ZKTeco Brand)

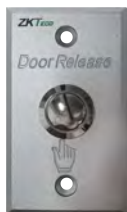
- Wires: NO / NC / COM relay output
- Size: 86L \* 86W mm
- Working Mode: Non-touch / Touch free Exit sensor



»» **TLEB102**

X01501055 (ZKTeco Brand)

- Wires: NO / NC / COM relay output
- Size: 115L \* 70W mm
- Working Mode: Non-touch / Touch free Exit sensor



»» **EX800A**

X01501016 (ZKTeco Brand)

- Wires: NO / COM
- Size: 86L \* 50W \* 20T mm



»» **EX800B**

X01501017 (ZKTeco Brand)

- Wires: NO/COM
- Size: 86L\*86W\*20T mm



»» **EX-800BC** X03401233

- Wires: NO/NC/COM
- Size: 86L\*86W\*20T mm



»» **EX801A**

X01501018 (ZKTeco Brand)

- Wires: NO / COM
- Size: 91L \* 28W \* 20T mm



»» **EX801B**

X01501019 (ZKTeco Brand)

- Wires: NO / COM
- Size: 86L \* 86W \* 20Tmm



»» **EX802**

X01501015 (ZKTeco Brand)

- Wires: NO / COM
- Size: 86L \* 86W \* 20T mm



»» **EX803A** X02115001

- Wires: NO/COM
- Size: 68L\*32W\*25T mm



»» **EX806B** X01501022

- Wires: NO/NC/COM,with key
- Size: 90\*90mm
- working Mode: with key



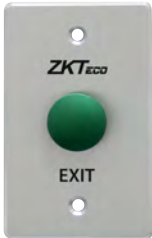
»» **EB101** X01501039

- Wires: NO/NC/COM1/COM2/LED1/LED2
- Size: 115L\*40W\*28.6H mm
- Working Mode: DC 12-24V/5A



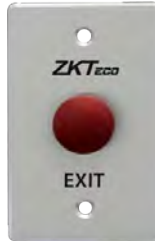
»» **EB102** X01501040

- Wires: NO/NC/COM1/COM2/LED1/LED2
- Size: 115L\*40W\*28.6H mm
- Working Mode: DC 12-24V/5A



»» **EB103-G** X01501050 (ZKTeco Brand)

- Wires: NO/NC/COM1/COM2
- Size: 115L\*70W\*35H mm
- Working Mode: DC 12-24V/5A



»» **EB103-R** X01501051 (ZKTeco Brand)

- Wires: NO/NC/COM1/COM2
- Size: 115L\*86W\*38.5H mm
- Working Mode: DC 12-24V/5A



»» **EB104-G** X01501052 (ZKTeco Brand)

- Wires: NO / NC / COM1 / COM2
- Size: 86L \* 86W \* 38.5H mm
- Working Mode: DC 12-24V / 5A



»» **EB104-R** X01501053 (ZKTeco Brand)

- Wires: NO / NC / COM1 / COM2
- Size: 86L \* 86W \* 38.5H mm
- Working Mode: DC 12-24V / 5A



»» **ED101** X01501039

- Material: Metal Material
- Size: 86L \* 86W \* 38Hmm
- Working mode: 86 standard box



»» **ED102** X01501040

- Material: Metal Material
- Size: 115L \* 70W \* 31Hmm
- Working mode: Single gand box



# ↳ Eco Products-Power Supply



## »» P1203-A1

X01701026 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 182 \* 79 \* 61mm
- **Weight:** 1.05 Kg



## »» P1203-A2

X01701020 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 182 \* 79 \* 61mm
- **Weight:** 1.05 Kg



## »» P1205-A2

X01701021 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 182 \* 79 \* 61mm
- **Weight:** 1.37 Kg



## »» P1203-B1

X01701022 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.51 Kg



## »» P1203-B2

X01701023 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.51 Kg



## »» P1205-B1

X01701024 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.81 Kg



## »» P1205-B2

X01701025 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.82 Kg



## »» PS901

X01701042 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 182 \* 79 \* 61mm
- **Weight:** 1.06 Kg



## »» PS902

X01701043 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 182 \* 79 \* 61mm
- **Weight:** 1.37 Kg



»» PS901B/110V  
X01701040 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.51 Kg



»» PS901B/220V  
X01701038 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 3A, Persistent Current: 1.2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.51 Kg



»» PS902B/110V  
X01701041 (ZKTeco brand)

- **Operating Voltage:** Input: AC110V 60Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.82 Kg



»» PS902B/220V  
X01701039 (ZKTeco brand)

- **Operating Voltage:** Input: AC220V 50Hz, Output: DC12V
- **Operating Current:** Momentary Current: 5A, Persistent Current: 2A
- **Size:** 212 \* 168 \* 71mm
- **Weight:** 1.82 Kg

## » Eco Products-Other Accessories



»» AS603 X03401269

- **Operating Voltage:** 12VDC



»» AS626 X03401270

- **Operating Voltage:** 12VDC



»» AS31 X03401273

- **Operating Distance:** 11 - 21mm
- **Switch Putput:** NC



»» **AS32** X03401271

- Operating Distance: 13 - 23mm
- Switch Putput: NC



»» **AS36** X03401274

- Operating Distance: 30 - 50mm
- Switch Putput: NC



»» **AS57** X03401272

- Operating Distance: 30 - 50mm
- Switch Putput: NC
- Apply For: Steel door



»» **Door Loop** X03401134

- Size: 60mm \* φ13mm
- Shape: Corrugated pipe + Square port
- Apply For: Steel door



»» **RM01** X03401174

- The Driving Voltage: DC 12V
- Contact Capacity: 10A 250VAC / 10A 125VAC / 10A 30VDC / 10A 28VDC
- Relay Output Module



»» **ZKABK-900A**

X01501020 (Green) X01501021 (Red)

- Color: Green
- Apply For: Emergency break glass



»» **ZKABK900A-G**

X02115006

- Size: 86mm \* 86mm \* 52mm
- Colour: Green
- Apply For: Emergency break glass



»» **ZKABK900A-R**

X02115007

- Size: 86mm \* 86mm \* 52mm
- Colour: Red
- Apply for: Emergency break glass



»» **ZKABK902A-G**

X02115010

- Size: 86mm \* 86mm \* 52mm
- Color: Red
- Apply For: Emergency break glass



»» **ZKABK902A-R**

X02115011

- Size: 86mm \* 86mm \* 55mm
- Colour: Red
- Apply for: Emergency break glass



»» **ZKABK-900A**

X01501020 (Green)  
X01501021 (Red)

- Size: 86mm \* 86mm \* 55mm
- Colour: Green
- Apply for: Emergency break glass

## ↘ Eco Products-Patrol system



### »» P10

X00610004(UL) X00610005(CE)  
X00610006(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L \* 60H \* 165W



### »» P20

X00610007(UL) X00610008(CE)  
X00610009(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L \* 60H \* 165W



### »» P30

X00610010(UL) X00610011(CE)  
X00610012(BS)

- Lithium batteries: 3.6V
- Lighting lamp power: 1W
- Storage: 60,000 records
- Protection Level: IP54
- Size: 215L \* 60H \* 165W
- Time display: only can show the time information



### »» ZKLT-E

X00602015 (ZKTeco brand)

- Description: ID card, TK4100D with code print
- Size:  $\Phi 30$  mm
- Material: ABS



## ↳ Eco Products-Card Printers



»» **ZKCP100** X00206001

Accepted Card Size	CR-80 (53.98 * 85.6mm)
Accepted Card Thickness	0.25-1.00mm (10 - 40mil)
Accepted Card Type	PVC or polyester cards with polished PVC finish
Input Hopper Card Capacity	100 cards (0.76mm/30mil)
Output Hopper Card Capacity	50 cards (0.76mm/30mil)
Dimension (W*H*D)	198 * 204 * 354 mm / 7.8 * 8.03 * 13.94 inch
Description	Capable Dual-sided Full Color ID Card Printer: High efficiency and fast printing Compact and low noise: Card printing Capacity High Capacity input



»» **Flip Module**  
X00206003

- **Apply For:** ZKCP100
- **Description:** Flipper module (For dual-sided printing)



»» **Full Color Ribbon**  
X00206002

- **Apply For:** ZKCP100
- **Description:** Full YMCKO Ribbon, 400 prints Ribbon



»» **Semi-Grid Ribbon**  
X00206012

- **Apply For:** ZKCP100
- **Description:** 1/2 panel YMCKO 560 prints Ribbon



»» **Original Black Ribbon**  
X00206007

- **Apply For:** ZKCP100
- **Description:** Resin black 1000 prints Ribbon



»» **Original White Ribbon**  
X00206009

- **Apply For:** ZKCP100
- **Description:** Resin white 1000 prints Ribbon

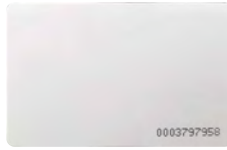
## ↳ Eco Products-ID/IC Cards



### »» ID Thin Card

X00101001

- **Description:**TK4100D,blank card without code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» ID Thin Card

X00101002

- **Description:**TK4100D,blank card with code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» ID Thin Card

X00101011

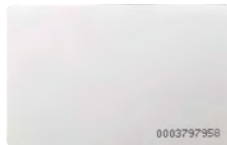
- **Description:** TK4100D,Matte, blank card without code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» ID Thin Card

X00101023

- **Description:**TK4100D, blank card with code, Matte with hole
- **Size:** 85.5 \* 54 \* 0.92mm



### »» ID Thin Card

X00101010

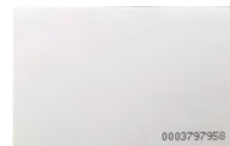
- **Description:** TK4100D,blank card with code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» ID Thin Card

X00101070

- **Description:** TK4100,10 code,with hole
- **Size:** 85.6 \* 54 \* 0.84mm



### »» ID Thin Card

X00101023

- **Description:** TK4100D, blank card with code, matte 10 bit code
- **Size:** 85.6 \* 54 \* 0.84mm



### »» ID Thin Card

X00101013

- **Description:** TK4001D, blank card with code, with hole
- **Size:** 85.5 \* 54 \* 0.86mm



### »» ID Thick Card

X00101054

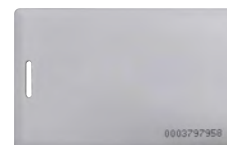
- **Description:** EM4200,long range, 18 digits code with hole long distance 0.8m reading (KR1000E)
- **Size:** 41 \* 33 \* 4.3mm



### »» ID Thick Card

X00101004

- **Description:** TK4100D, blank card without code
- **Size:** 85.5 \* 54 \* 1.85mm



### »» ID Thick Card

X00101051

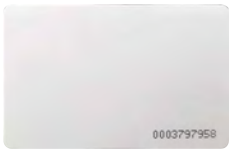
- **Description:** TK4100D 18 digits code with hole
- **Size:** 41 \* 33 \* 4.3mm



### »» ID Thick Card

X00101003

- **Description:** TK4100D, blank card with code
- **Size:** 85.5 \* 54 \* 1.85mm



### »» IC Thin Card

X00102007

- **Description:** Fudan M1, FM11RF08, Matte, blank card with code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» IC Thin Card

X00102001

- **Description:** Fudan 1K, FM11RF08, blank card without code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» IC Thin Card

X00102008

- **Description:** Fudan M1, FM11RF08, Matte, blank card without code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» IC Thin Card

X00102002

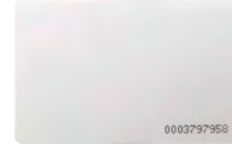
- **Description:** Fudan 1K, FM11RF08, blank card with code
- **Size:** 85.5 \* 54 \* 0.86mm



### »» IC Thin Card

X00102043

- **Description:** RFID S50 IC Card (13.56Mhz), blank card without code
- **Size:** 86 \* 54 \* 0.86mm



### »» IC Thin Card

X00102013

- **Description:** RFID S50 IC Card (13.56Mhz), 1k, blank card with code
- **Size:** 85.5 \* 54 \* 0.84mm



### »» IC Thin Card

X00102014

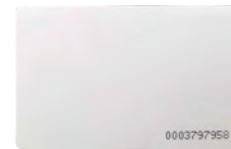
- **Description:** RFID S50 IC Card (13.56Mhz), 1k, blank card without code
- **Size:** 85.5 \* 54 \* 0.84mm



### »» DESFire Thin Card

X00103003

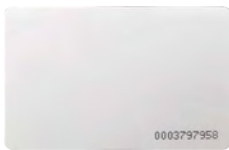
- **Description:** D81 8K Blank card
- **Size:** 85.5 \* 54 \* 0.84mm



### »» DESFire Thin Card

X00102012

- **Description:** NXP-Desfire EV2 4k, blank card with code
- **Size:** 86 \* 54 \* 0.84mm



### »» DESFire Thin Card

X00102011

- **Description:** NXP-Desfire EV1 4k, blank card with code
- **Size:** 85.5 \* 54 \* 0.84mm



### »» DESFire Thin Card

X00102009

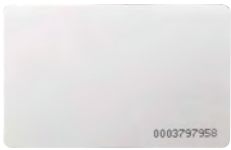
- **Description:** NXP-Desfire EV1 4k, blank card without code
- **Size:** 85.5 \* 54 \* 0.84mm



### »» DESFire Thin Card

X00102010

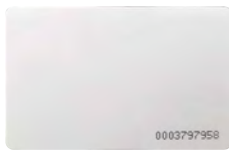
- **Description:** NXP-Desfire EV2 4k, blank card without code
- **Size:** 85.5 \* 54 \* 0.84mm



### »» ICLASS Card

X00102026

- **Description:** 2080PMSMV Thick card with code
- **Size:** 85.6 \* 54 \* 1.8mm



### »» HID Thick Card

X00101075

- **Description:** 1326LMSMV blank card with code
- **Size:** 86 \* 55mm \* 0.2mm



### »» HID Thin Card

X00101076

- **Description:** 1386LMSMV blank card
- **Size:** 86 \* 54 \* 0.76mm



### »» ID Tag

X00101043

- **Description:** TK4100D, Black, with code
- **Size:** 40 \* 30 \* 4mm



### »» ID Tag

X00101005

- **Description:** TK4100D, blue, with code
- **Size:** 40 \* 30 \* 4mm



### »» IC Tag

X00102027

- **Description:** S50, gray, with code
- **Size:** 40 \* 30 \* 4mm



### »» IC Tag

X00102028

- **Description:** S50, black, with code
- **Size:** 40 \* 30 \* 4mm



### »» IC Wristbands

X00102022

- **Description:** F08, Blue, Silicone
- **Size:** 240 \* 31 \* 19mm



### »» ID Wristbands

X00101026

- **Description:** TK4100D, blue, Silicone
- **Size:** 41 \* 33 \* 4.3mm

# SMART OFFICE

ZKTeco+ Smart Office Cloud Platform Empowerment  
Integrated Business (Smart Office Application)









## Time Attendance

ZKTeco's time & attendance series includes cutting-edge hybrid biometric verification technology products and solutions. It provides a full range of solutions including various fingerprints, RFID, facial identification and palm verifications, time clocks, portable time clocks, time and attendance management software and more.

It meets the demand of almost all the companies in any size.

**Please contact us for order placement.**



## FP T&A Devices



»» S922  
(F01050022)

- **Display:** 3.5-inch TFT Screen
- **Fingerprint Capacity:** 50,000
- **Card Capacity:** 50,000 (Optional)
- **Logs Capacity:** 800,000
- **Sensor:** ZK Optical Sensor
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** ID Card, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Automatic Status Switch, Photo ID, ADMS, Backup Battery
- **Optional Functions:** MiFare / HID Cards, Wi-Fi, GPRS, 4G
  - \* IP65 rated waterproof and dustproof protection grade
  - \* Shockproof (0.5m above the ground)
  - \* Rubber coated protection
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 225 \* 235 \* 125 mm (L\*W\*T)



»» SilkFP-101TA

- **Display:** 2.8-inch TFT color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID+ Fingerprint Sensor
- **Communication:** TCP/IP, USB Host / Client (Optional)
- **Standard Functions:** Webserver, Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, T9 Input, 9 digit user ID, Photo ID
- **Optional Functions:** ID / IC / HID Cards, Wi-Fi, ADMS, External Bell / Printer, POE
- **Power Supply:** 5V 0.8A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 192.0 \* 140.0 \* 42.5 mm (L\*W\*T)



»» Zpad Plus[4G]  
(F01011708)

- **OS:** Android 7.1
- **Display:** 7-inch Touch Screen
- **Fingerprint Capacity:** 2,000
- **ID Card Capacity:** 10,000
- **Optional Card:** ID / IC OMNIKEY 5127
- **Record Capacity:** 1,000,000
- **Sensor:** BioID+ Fingerprint sensor
- **Communication:** TCP/IP, Wi-Fi, Bluetooth, USB-host, 4G
- **Battery:** 4000mAh
- **Standard Functions:** Back up Battery, Multi-point Data Collection, Work code, SMS, DST, webserver, Photo ID, ADMS
- **Dimensions:** 240 \* 130 \* 45mm
- **Power Supply:** 12V 3A



»» Zpad plus-RFID[4G]  
(F01011710)

- OS: Android 7.1
- Display: 7-inch Touch Screen
- Memory: 1G RAM / 8G Flash
- ID Card Capacity: 10,000
- Optional Card: IC / OMNIKEY 5127
- Record Capacity: 1,000,000
- Communication: TCP/IP, Wi-Fi, Bluetooth, USB-host, 4G
- Battery: 4000mAh
- Standard Functions: ID Card, Back up Battery, Multi-point Data Collection, Work code, SMS, DST, webserver, Photo ID, ADMS
- Dimensions: 240 \* 130 \* 45mm
- Power Supply: 12V 3A



»» Zpad plus  
(F33060088)

- Display: 7-Inch Touch Screen
- Fingerprint Capacity: 2,000
- ID Card Capacity: 10,000 (Optional)
- Optional Card: ID / IC / HID / OMNIKEY 5127
- Logs Capacity: 1,000,000
- Communication: TCP / IP, Wi-Fi, USB OTG, Bluetooth
- Sensor: BioID+ Fingerprint Sensor
- Battery: 4000mAh
- Standard Functions: 1ch Relay, 1ch input Microphone & speaker
- SDK Features: Realy switching, Exit button controler; RFID card read and write; Fingerprint enrollment and authentication
- Operating Environment: 0°C - 45°C
- Operating Humidity: 20% - 80%
- Power Supply: 12V 1.5A



»» Zpad plus-RFID  
(F33070009)

- Display: 7-Inch Touch Screen
- Memory: 1G RAM / 8G Flash
- ID Card Capacity: 10,000 (Optional)
- Optional Card: IC / HID / OMNIKEY 5127
- Logs Capacity: 1,000,000
- Communication: TCP/IP, Wi-Fi, USB OTG, Bluetooth 4.0
- Battery: 4000mAh
- Standard Functions: 1ch Relay, 1ch input Microphone & speaker, ID Card
- SDK Features: Realy switching, Exit button controler; RFID card read and authentication
- Operating Environment: 0°C - 45°C
- Operating Humidity: 20% - 80%
- Power Supply: 12V 1.5A



»» K14 (F01010490)

- Display: 2.8-Inch TFT Color Screen
- Fingerprint Capacity: 3,000
- ID Card Capacity: 3,000
- Logs Capacity: 100,000
- Communication: TCP/IP, USB Host
- Standard Functions: Work Code, Short Message, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input
- Optional Functions: IC Card, SSR
- Power Supply: 5V 800mA
- Operating Eenvironment: 0°C - 45°C
- Operating Humidity: 20% - 80%



Model	LX15 (F01010542)	LX16 (F01010543)	LX17 (F01010544)	LX50 (F01010549)
Display	2.8-Inch TFT Color Screen			
Fingerprint Capacity	500		500 (max:1000)	
Logs Capacity	50,000			
Sensor	ZK Optical Sensor			/
Communication	USB Host and Client (Optional)			
Standard Functions	DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report			
Power Supply	5V 800mA			
Operating Environment	0°C - 45°C; 20% - 80%			



»» SilkBio-101TC  
(F01090082)

- **Display:** 2.8-inch TFT color Display
- **Face Capacity:** 2,000
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID+ Fingerprint Sensor
- **Communication:** TCP/IP, USB-Host, Wi-Fi (Optional)
- **Standard Functions:** Work Code, SMS, DST, Scheduled-bell, Self-Service Query, Automatic Status Switch, Photo ID, T9 Input, Camera, 9 digit user ID, Built-in Battery, Multiple Verify Mode
- **Optional Functions:** ID / IC / Felica Cards, Wi-Fi, ADMS, External Bell / Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 180.0 \* 154.0 \* 34.2 mm (L\*W\*T)

- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / IC / HID card, WiFi, ADMS,Photo ID, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» U160-C (F01011414)

- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / IC / HID card, ADMS, Photo ID, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» U260-C (F01011415)

- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / IC / HID card, Webserver, ADMS, Photo ID, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» U300-C (F01011413)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / IC / HID card, WiFi, ADMS, Multilpe Verify Mode, External Bell and Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» U560-C (F01011448)



- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP/IP, USB Host & client (Optional)
- **Standard Functions:** Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Built-in Battery
- **Optional Functions:** ID / IC / HID card, Webserver, ADMS, WiFi, 4G, External Bell, Schedule-bell, Multiple Verify Mode, T9 Input
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



»» IN01 (F01011367)



Model	UA300 (F01011399)	UA400 (F01011417)
Display	2.8-inch Color Display	
Fingerprint Capacity	3,000	
ID Card Capacity	10,000 (Optional)	
Logs Capacity	100,000	
Communication	TCP / IP, USB Host & client (Optional)	
Standard Functions	Webserver, Work Code, DST, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch	
Optional Functions	ID / IC / HID card, ADMS, Photo ID, External Bell and Printer	ID / IC card, ADMS, Multiple Verify Mode, External Printer and Bell
Power Supply	5V 800mA	
Operating Temperature	0°C - 45°C	
Operating Humidity	20% - 80%	

- **Display:** 2.8-inch Color Display
- **ID Card Capacity:** 30,000
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & client (Optional)
- **Standard Functions:** ID Card, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, Automatic Status Switch
- **Optional Functions:** IC / HID Card, Wi-Fi, Webserver, ADMS, Photo ID, External Printer and Bell, Multiple Verify Modes
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



»» S160-C (F01030224)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000(Optional)
- **Logs Capacity:** 100,000
- **Communication:** RS232 , Ethernet, USB-Host, Wi-Fi
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, Photo ID, Schedule - bell, Automatic Status Switch, External Printer
- **Optional Functions:** ID / HID / iClass / Magnetic / Barcode Card, Wi-Fi, ADMS, External Bell, webserver
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0 °C - 45 °C
- **Operating Humidity:** 20% - 80%



»» US15C-B (F01030218)  
 US15C-HID (F01011378)  
 US15C-ID (F01011375)  
 US15C-M (F01030219)

- **Display:** 2.8-inch TFT color Display
- **Face Capacity:** 1500
- **Fingerprint Capacity:** 2000
- **Card Capacity:** 2000 (Optional)
- **Record Capacity:** 100,000
- **Communication:** TCP/IP, USB-host
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer, 3rd party electric lock, Exit Button, Alarm
- **Optional:** ID / IC Cards, Work Code, ADMS, Wi-Fi, GPRS/4G, Battery



»» MB160  
 (F01011468)

- **Display:** 2.8-inch TFT color Display
- **Face Capacity:** 1500
- **Fingerprint Capacity:** 2000
- **Card Capacity:** 2000 (Optional)
- **Record Capacity:** 100,000
- **Communication:** TCP/IP, USB-host
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer, 3rd party electric lock, Exit Button, Alarm
- **Optional:** ID / IC Cards, Work Code, ADMS, Wi-Fi, GPRS/4G, Battery



»» MB360  
 (F01011469)



»» MB460  
(F01090120)

- **Display:** 2.8-inch TFT color Display
- **Face Capacity:** 1500
- **Fingerprint Capacity:** 2000
- **Card Capacity:** 2000 (Optional)
- **Record Capacity:** 100,000
- **Communication:** TCP/IP, USB-host
- **Standard Functions:** SMS, DST, Scheduled-bell, Self-service Query, Automatic Status Switch, T9 input, Photo ID, Camera, Multi-verification, RS232 Printer, 3rd party electric lock, Exit Button, Alarm
- **Optional:** ID / IC Cards, Work Code, ADMS, Wi-Fi, GPRS/4G, Battery



»» iClock660  
(F01020324)

- **Display:** 3.5" Color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Communication:** TCP / IP, RS232 / 485, USB Host & client (Optional)
- **Standard Functions:** WorkCode, DST, Short Message, Self Service Query, 9 Digit User ID, Schedule-bell, T9 Input, Automatic Status Switch, Photo ID, Camera
- **Optional Functions:** ID / IC / HID Card, WiFi, 3G, Webserver, ADMS, Multiple Verify Mode, External Bell and Printer
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» iclock880  
(F01020320)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000 (Optional: 40,000)
- **Card Capacity:** 10,000 (Optional: 40,000)
- **Record Capacity:** 200,000
- **Communication:** TCP/IP, RS232/485, USB Host, Wiegand Out&In
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback, Multiple Verify Mode, Camera, Backup Battery
- **Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm**
- **Optional:** ID / IC Cards, Wi-Fi, GPRS, 4G, ADMS, External Printer



»» WL10 (F01010969)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» WL20 (F01010970)

- **Display:** 2.8-Inch TFT Color Screen
- **Fingerprint Capacity:** 1,000 / 1,500 (without SSR)
- **Sensor:** BioID sensor
- **Logs Capacity:** 50,000
- **Communication:** USB Host, Wi-Fi (WLAN / Hot spot)
- **Standard Functions:** DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, SSR Report
- **Optional Functions:** APP: TA Assistant, ADMS
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» WL30 (F01010971)

- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, Wi-Fi, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer(Optional Cable)
- **Optional Functions:** ID / IC Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» UA760 (F01010584)

- **Display:** 2.8" Color Display
- **Fingerprint Capacity:** 3,000
- **Sensor:** BioID sensor
- **ID Card Capacity:** 3,000 (Optional)
- **Logs Capacity:** 50,000
- **Communication:** TCP / IP, Wi-Fi, USB Host
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, External Printer (Optional Cable)
- **Optional Functions:** ID / IC Card, ADMS, Backup Battery, Webserver
- **Power Supply:** 12V 1.5A
- **Operating Environment:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» UA860 (F01010587)



## FP T&A and A&C Devices

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»» **iclock700**  
(F01020323)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000 (Optional: 40,000)
- **Card Capacity:** 10,000 (Optional: 40,000)
- **Record Capacity:** 200,000
- **Communication:** TCP/IP, RS232/485, USB (host & client), Wiegand Out&In
- **Standard Functions:** Webserve, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback, Camera, Backup Battery
- **Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm**
- **Optional:** ID / IC Cards, Wi-Fi, GPRS, 4G, ADMS, Multiple Verify Mode, External Printer



»» **iclock680**  
(F01020322)

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **Card Capacity:** 10,000 (Optional)
- **Record Capacity:** 200,000
- **Communication:** TCP/IP, RS232/485, USB Host, Wiegand Out&In
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Multiple Verify Mode, Anti-passback, Camera
- **Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Alarm**
- **Optional:** ID / IC Cards, Wi-Fi, GPRS, 4G (need to order iclock680(new)), Webserve, ADMS, External Printer

- **Display:** 3.5-inch TFT color Display
- **Fingerprint Capacity:** 8,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 200,000
- **Sensor:** ZK Optical Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, RS232 / 485, USB Host / Client (Optional), Wiegand Out & In
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, 9 Digit User ID, T9 Input, Schedule-bell, Automatic Status Switch, Photo ID, Anti-passback, Backup Battery Access Control Interface for Third Party Electric Lock, Door Sensor and Exit Button, Door Bell
- **Optional Functions:** IC Card, Wi-Fi, GPRS, 4G, ADMS, External Printer, Camera, Multiple Verify Mode
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 250.6 \* 150 \* 41.6mm (L\*W\*T)
- **Package Weight:** 1.40 kg



»» iClock990  
(F01020332)

- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Sensor:** BioID Sensor
- **Memory:** 128MB RAM / 256MB Flash
- **Communication:** TCP / IP, USB Host, Wi-Fi
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled-bell and SMS, Battery, Wi-Fi, External Printer  
IN05: Time attendance without access  
IN05-A: Advance access, Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN / OUT
- **Optional Functions:** ID Card, IC Card, HID Card, PoE, 4G
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 179.95 \* 134.94 \* 38.5 mm (L\*W\*T)



»» IN05 (F01011177)  
IN05-A (F01011180)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, Schedule-bell, Automatic Status Switch
- **Optional Functions:** ID / IC / HID card, ADMS, Photo ID, Multiple Verify Modes, External Bell or Printer
- **Power Supply:** 5V 800mA
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» B3-C (F02010676)



Model	K20 (F01020227)	K40 (F01020232)
Display	2.8-Inch TFT Color Screen	2.8-Inch TFT Color Screen
Fingerprint Capacity	3,000	3,000
ID Card Capacity	3,000 (Optional)	3,000 (Optional)
Logs Capacity	100,000	100,000
Communication	TCP / IP, USB Host	TCP / IP, USB Host
Standard Functions	ID Card, Work Code, SMS, DST, Self Service Query, 9 Digit User ID, Automatic Status Switch, Schedule-bell, T9 Input, Multiple Verify Mode, Simple Access Control, Backup Battery	Work Code, SMS, DST, Self-Service Query, Automatic Status Switch, Scheduled-bell, T9 Input, 9 Digit User ID, Backup Battery, Simple Access Control
Optional Functions	IC Card, External Bell, SSR	ID / IC card, SSR, External Bell
Power Supply	12V 3A	12V 1.5A
Operating Temperature	0°C - 45°C	0°C - 45°C
Operating Humidity	/	20% - 80%

- **Display:** 2.8-inch Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & Client (Optional), RS232 / 485
- **Standard Functions:** Work Code, DST, Short Message, Self Service Query, 5 Digit User ID, Multiple Verify Modes, T9 Input, Automatic Status Switch, Backup Battery, Advance Access Control, Wiegand In & Out, Anti-passback
- **Optional Functions:** ID / IC / HID card, Wi-Fi, 4G, Webserver, ADMS, Photo ID, External Bell, Schedule-bell, External printer
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» IN01-A  
(F01020317)

- **Display:** 3" Color Display
- **Fingerprint Capacity:** 3,000
- **ID Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 100,000
- **Communication:** TCP / IP, USB Host & Client (Optional), WiFi (Optional)
- **Standard Functions:** Webserver, Work Code, DST, Short Message, Self Service Query, Automatic Status Switch, Photo ID, Backup Battery, Advance Access Control, Wiegand In & Out, Anti-passback, Schedule-bell
- **Optional Functions:** ID / IC / HID Card, 4G, ADMS, External Printer, Wifi Multiple Verify Modes, T9 Input
- **Power Supply:** 12V 3A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%



»» **IN02-A**  
(F01020318)

## » Entry Level NIR Facial Recognition Terminals

- 2.8-inch TFT Color Screen
- 500 faces and 2000 Fingerprints user for SMB business
- ID and IC card optional
- Access Port available to control one lock and exit button
- TCP / IP port for internet connection
- USB Host, WiFi optional communication
- Support optional with temperature detection function



»» **MB10** (F01060305)



»» **MB20** (F01070041)

## » Time Attendance Terminal-Palm&FP T&A Devices



»» **P160 (ZMM720)**  
(F02030234)

- **Display:** 2.8-inch TFT color Display
- **Palm Capacity:** 1,000
- **Fingerprint Capacity:** 3,000
- **Card Capacity:** 10,000 (Optional)
- **Logs Capacity:** 500,000
- **Memory:** Quad-core High Speed CPU, Memory 1G RAM/512MB Flash
- **Standard Functions:** Automatic Status Switch, Self-Service Query, Work Code, T9 Input, 9 Digit User ID, DST, Scheduled Bell and SMS, Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT
- **Optional Functions:** ID Card, IC Card, Access Control Module: AC module 1: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN; AC module 2: Exit Button, Door Lock, Alarm, 12V OUT, AUX IN, Door Sensor, RS485, Wiegand IN/OUT. PoE, 3G, Battery Module
- **Sensor:** BioID Sensor
- **Communication:** TCP/IP, USB, Wi-Fi, 3G
- **Power Supply:** 12V 1.5A
- **Operating Temperature:** 0°C - 45°C
- **Operating Humidity:** 20% - 80%
- **Dimensions:** 179.95 \* 134.94 \* 38.5 mm

## Intelligent Commercial System

ZKTeco mainly focus on smart retail, smart restaurant and smart office scene. We aim to provide our clients with intelligent commercial products which include POS terminals and peripherals, EAS terminals and accessories, interactive digital board, printers, barcode scanners and so on.







## 15" Windows POS Terminals

### » ZKBio910 / ZKBio930 / ZKBio950

(F34010214 / F34010224 / F34010239)



Model Name	ZKBio910	ZKBio930	ZKBio950
Processor	Intel Celeron® J1900	Intel Core™ i3	Intel Core™ i5
Flash Memory	1*DDR3L 1333MHz		
Hard Disk	1*mSATA SSD, 1*2.5" HDD / SSD		
OS Supported	Windows 7, Windows 8, Windows 10, Linux, Windows 11		
Main Display	15" TFT Liquid Crystal Display (LCD), Capacitive Touch Panel		
Customer Display	LED 8C High-difinition Digital Tube, or VFD, or 9.7" LCD Screen		
External Ports	1*DC_JACK, 5*USB2.0, 1*USB3.0, 1*VGA, 1*HDMI, 1*RJ45, 1*Audio, 2*COM	1*DC_JACK, 1*HDMI, 1*VGA, 4*USB3.0, 2*USB2.0, 1*RJ45, 1*Audio, 2*COM	
Modular Peripherals	Fingerprint Reader, MSR, 2D Barcode Scanner		
Material	Alluminium alloy		
Power Supply	Adaptor 12V DC 5A		

### » ZKBio610 / ZKBio630 / ZKBio650

(F34010070 / F34010161 / F34010084)



Model Name	ZKBio610	ZKBio630	ZKBio650
Processor	Intel Celeron® J1900	Intel Core™ i3	Intel Core™ i5
Flash Memory	1*DDR3L 1333MHz		
Hard Disk	1*mSATA SSD, 1*2.5" HDD / SSD		
OS Supported	Windows 7, Windows 8, Windows 10, Linux, Windows 11		
Main Display	15" TFT Liquid Crystal Display (LCD), Capacitive Touch Panel		
Customer Display	LED 8C High-difinition Digital Tube, or VFD, or 12.1" LCD Screen		
External Ports	1*DC_JACK, 1*USB3.0, 5*USB2.0, 1*VGA, 1*COM, 1*RJ45, 1*Audio input, 1*Audio output	1*DC_JACK, 1*HDMI, 1*VGA, 4*USB3.0, 2*USB2.0, 1*RJ45, 1*Audio input, 1*Audio output, 2*COM	
Modular Peripherals	MSR		
Material	ABS + Alluminium alloy base		
Power Supply	Adaptor 12V DC 5A		

## 15" Windows POS Terminals

### »» ZKBio810 / ZKBio830 / ZKBio850

(F34010255 / F34010265 / F34010280)

Model Name	ZKBio810	ZKBio830	ZKBio850
Processor	Intel Celeron® J1900	Intel Core™ i3	Intel Core™ i5
Flash Memory	1*DDR3L 1333MHz		
Hard Disk	1*mSATA SSD, 1*2.5" HDD / SSD		
OS Supported	Windows 7, Windows 8, Windows 10, Linux, Windows11		
Main Display	15" TFT Liquid Crystal Display (LCD), Capacitive Touch Panel		
Customer Display	LED 8C High-difinition Digital Tube, or VFD, or 10" LCD Screen		
External Ports	1*DC_JACK, 5*USB2.0, 1*USB3.0, 1*VGA, 1*HDMI, 1*RJ45, 1*Audio, 3*COM	1*DC_JACK, 1*HDMI, 1*VGA, 4*USB3.0, 2*USB2.0, 1*RJ45, 1*Audio, 3*COM	
Modular Peripherals	Fingerprint Reader, MSR, 2D Barcode Scanner		
Material	ABS & Metal		
Power Supply	Adaptor 12V DC 5A		



### »» ZKBio510 / ZKBio530 / ZKBio550

(F34010049 / F34010055 / F34010061)

Model Name	ZKBio510	ZKBio530	ZKBio550
Processor	Intel Celeron® J1900	Intel Core™ i3	Intel Core™ i5
Flash Memory	1*DDR3L 1600MHz		
Hard Disk	1*mSATA SSD		
OS Supported	Windows 7, Windows 8, Windows 10, Linux		
Main Display	15" TFT Liquid Crystal Display (LCD), Capacitive Touch Panel		
Customer Display	LED 8C High-difinition Digital Tube, or VFD, or 15" LCD Screen		
External Ports	4*USB 2.0, 2*USB 3.0, 1*LAN, 1*VGA, 1*Com, 1*Line-out, 1*Line-in	2*USB 2.0, 4*USB3.0, 1*LAN, 1*VGA, 1(2)*Com, 1*Line- out, 1*Line-in	2*USB 2.0, 4*USB3.0, 1*LAN, 1*VGA, 2*Com, 1*Line-out, 1*Line-in
Modular Peripherals	MSR		
Material	ABS + Metal Base		
Power Supply	Adaptor 12V DC 5A		





## 15" Windows POS Terminal with Thermal Printer

### Windows POS Terminal with Built-in 80mm Thermal Printer

#### >>> ZKAIO3000 Series

Model Name	ZKAIO3010 (F34010101)	ZKAIO3030 (F34010120)	ZKAIO3050 (F34010141)
Processor	Intel Celeron J1900 @ 1.99GHz	Intel Core i3-4030U @ 1.90GHz	Intel Core i5-4210U @ 1.70GHz
Flash Memory	1*DDR3L 1333MHz		
Hard Disk	1*mSATA SSD, 1*2.5" SSD		
OS Supported	Windows 7, Windows 8, Windows 10, Windows 11		
Main Display	15" HD, 1024 * 768, Capacitive Touch Screen		
Customer Display	LED 8C High-difinition Digital Tube, or VFD, or 15" LCD Screen		
Built-in Printer	Built-in 80mm thermal printer Optional: Built-in 58mm thermal printer		
External Ports	1*DC_JACK 1*USB3.0 5*USB2.0 1*VGA 1*COM 1*RJ45 1* RJ11 Cash drawer port 1*Audio input 1*Audio output 1*COM"	1*DC_JACK 1*HDMI 1*VGA 4*USB3.0 2*USB2.0 1*RJ45 1* RJ11 Cash drawer port 1*Audio input 1*Audio output 2*COM	1*DC_JACK 1*HDMI 1*VGA 4*USB3.0 2*USB2.0 1*RJ45 1* RJ11 Cash drawer port 1*Audio input 1*Audio output 2*COM
Modular Peripherals	Fingerprint Reader, MSR, 2D Barcode Scanner		
Material	ABS		
Power Supply	DC12V/5A		
Colour	Black (Standard), White (Optional)		



## 11.6" Desktop Android POS Terminal with Thermal Printer

### Android POS Terminal with Built-in 58mm Thermal Printer

#### >>> ZKAIO1000W (F34010037)

CPU	ARM Cortex-A53
RAM	2GB
Storage Memory	16GB
OS	Android 6.0 / Linux
Display Type	11.6" TFT LCD
Display Resolution	1366 x 768 Pixel
Touch screen	Multi-point projected capacitive touch panel
Peripheral	Built-in 58mm thermal printer
Material	Alluminium Alloy & ABS
Power Supply	Adaptor 12V DC 5A



## ∟ 15.6" Desktop Android POS Terminal with Thermal Printer

### Android POS Terminal with Built-in 80mm Thermal Printer

»» **ZKAIO4000W** (F34010025)

CPU	ARM Cortex-A17
RAM	2G
ROM	16G
OS	Android 7.1
Main Display	15.6"TN, 1366*768 resolution
Customer Display	11.6"TN, 1366*768 resolution
Built-in Printer	Built-in 80mm thermal printer Optional:Built-in 58mm thermal printer
External Ports	4*USB /1 * Micro USB/ 1 * RJ45 (10/100 Mbps) /1 * RJ11 (Cash Drawer 12V 1A)
Material	ABS
Power Supply	DC12V/5A



## ∟ 5.5" Handheld Android POS Terminal

### Smart Handheld POS

»» **ZKH300** (F34010068)

CPU	Quad-Core Processor
OS	Android 11.0
RAM	2GB
EMMC	16GB
LCD Screen	5.5" HD Screen, Highest Resolution 1280 x 720
Communication	4G/3G/2G/Hot spot/Bluetooth/WiFi (2.4Hz & 5Hz)
Built-in Printer	70mm/s Built-in high speed thermal printer
NFC	"Support ISO / IEC 14443 A&B, Mifare, felica card





## Interactive Digital Board



»» ZK-IWB65BP (F34080278)



»» ZK-IWB75BP (F34080281)



»» ZK-IWB86BP (F34080284)

Model		ZK-IWB65BP	ZK-IWB75BP	ZK-IWB86BP
LCD Screen	Size	65-inch	75-inch	86-inch
Screen Type	Backlight	D-LED	D-LED	D-LED
Display Parameters	Frequency	60Hz		
	Display Colors	1.07B(10bit)		
	Resolution	3840 × 2160(pixels)		
	Response Time	≤10ms		
	Aspect Ratio	16 : 09 : 00		
	Viewing Angle	178°(H) / 178°(V)		
Camera & MIC	Camera	13 megapixels Auto frame		
	Microphone	6 microphones array		
Camera & MIC	Power Consumption	200W	300W	550W
	Working Voltage	AC 100V to 240V, 50/60Hz		
Touch Parameters	Touch Technology	Infrared touch technology		
	Touch Points	20 Multi-touch points		
	Input	Bare finger; gloved finger; stylus		
	Minimum Size	2mm		
	Resolution	32767 x 32767		
	Response Time	≤10ms		
Connectivity	HDMI	HDMI IN: 3, HDMI OUT: 1		
	USB	USB 2.0 * 1, USB 3.0 * 4, USB Type-C * 1		
	VGA	VGA IN * 1		
	Ethernet	RJ45 IN * 1, RJ45 OUT * 1		
	RS232	RS232 * 1		
	Touch	Touch * 2		
	Audio	AUDIO IN * 1 AUDIO OUT * 1 SPDIF * 1		
Android OS	Android System	Android 11.0 4G RAM, 32G ROM		
	CPU	Quad core A55		
	GPU	Mali G52MP2		

## Digital Signage



»» ZK-DS32W  
(F34080119)



»» ZK-DS43W  
(F34080123)



»» ZK-DS43F  
(F34080127)



»» ZK-DS55F  
(F34080131)

Model	ZK-DS32W	ZK-DS43W	ZK-DS43F	ZK-DS55F
<b>Built-in System</b>				
Operating System	Android 7.1			
CPU	Cortex-A7, 4-core, 1.8Ghz			
GPU	Mali-T764			
RAM	1GB			
ROM	8GB			
<b>Display</b>				
Size	32-inch	43-inch	43-inch	55-inch
Response Time	8 ms			
Aspect Ratio	16:9			
Resolution	1920*1080@60Hz			
Display Colors	1.07B (10bit)			
Color Gamut	72% NTSC			
Visual Angle	178°(H)/178°(V)			
Backlight	E-LED			
Screen Brightness	300nits	240nits	300nits	220nits
<b>Interface</b>				
USB2.0	2			
Network Interface	1×RJ45, Wi-Fi 2.4G			
<b>Power</b>				
Power Input	100~240V, 50/60Hz			
Max Consumption	≤36W	≤57W	≤36W	≤57W
Support File Types	MP4, ASF, AVI, FLV, MPG, RMVB, WMV, MP3, JPG, JPEG, PNG, GIF, PDF, DOC, DOCX, PPTX, XLS, XLSX			
Accessories	Wireless Mouse, Power Cord, Key, Antenna, Wall bracket		Wireless Mouse, Power Cord, Key, Antenna	



## ↳ Peripherals - Touch Monitor



»» ZKD1504 (F34010294)

Material	ABS monitor, Metal base
LCD Size	15"
Resolution	1024 * 768
Power Supply	DC 12V 5A
External Interface	HDMI * 1, VGA * 1, USB * 1, DC Input * 1
Communication Interface	USB
Working Temperature Condition	-20°C to 55°C
Working Humidity Condition	0% to 85% RH



»» ZKD1704 (F34010295)

Material	Metal
LCD Size	17"
Resolution	1280 * 1024
Power Supply	DC 12V 5A
External Interface	HDMI * 1, VGA * 1, USB * 1, DC Input * 1
Communication Interface	USB
Working Temperature Condition	-20°C to 55°C
Working Humidity Condition	0% to 85% RH

## ▾ Peripherals - Thermal Receipt Printer



### »» ZKP8001 (F24080010)

- Auto Cutter Direct Thermal Line Printing
- 300mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS
- USB, LAN, RS232



### »» ZKP8005 (X00205028)

- Thermal Receipt Printer
- 230mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS
- **Interface:** USB, LAN



### »» ZKP8007 (F34080245)

- **Print Method:** Direct thermal
- **Print Speed:** 180 mm/s
- **Character Set:** Alphanumeric, International
- **Print Command:** ESC / POS
- **Interfaces:** USB
- **Auto Cutter:** Partial



### »» ZKP5808 (F34080226)

- **Print Method:** Thermal Line
- **Print Speed:** <70mm/sec
- **Character Set:** Alphanumeric, International
- **Print Command:** ESC / POS
- **Battery:** 7.4V / 1500 mAh
- **Battery Life:** 5days (Standby) / 4 hrs (Operating)



### »» ZKP8011 (F34080229)

- **Print Method:** Direct thermal
- **Print Speed:** 300 mm/s Max
- **Character Set:** Alphanumeric, International
- **Print Command:** ESC / POS
- **Interface:** USB+LAN+RS232
- **Auto Cutter:** Partial



### »» ZKP5803 (F34080116)

- Portable Thermal Receipt Printer
- 90mm/sec
- Support different languages
- Support different systems
- Compatible with ESC / POS
- **Interface:** USB, LAN



### »» ZKP8008 (F34080003)

- **Print Method:** Direct Thermal Line Printing
- **Print Speed:** 300mm/sec
- **Print Command:** Compatible with ESC / POS
- **Paper Type:** Thermal Receipt Paper
- **Interface:** USB + LAN
- **Paper Cutter:** Auto Cutter: Full or Partial Cut

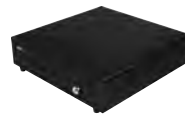


## ↳ Peripherals - Cash Drawer



### »» ZKC0408 (F34080109)

- With 4 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Locks



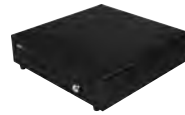
### »» ZKC0508 (F34080113)

- With 5 Bills, 8 Coins
- Equipped with 1 Check Slots, 3 Position Locks



### »» ZKC0508X (F34080115)

- With 5 Bills, 8 Coins
- Equipped with 2 Check Slots, 3 Position Locks



### »» ZKC0704 (F34080112)

- With 7 Bills, 4 Coins
- Equipped with 2 Check Slots, 3 Position Locks

## ↳ Peripherals - Barcode Scanner



### »» ZKB101 (F34080095)

- 1D Laser Barcode Scanner
- Provides Standard USB interface



### »» ZKB102 (F34080081)

- 1D CCD Barcode Scanner
- Provides Standard USB interface



### »» ZKB103 (F34080097)

- 1D Laser Wireless Barcode Scanner
- Provides 2.4G, Standard USB interface



### »» ZKB104 (F34080083)

- 1D CCD Wireless Barcode Scanner
- Provides 2.4G, Standard USB interface



### »» ZKB105 (F34080099)

- 1D Laser Wireless Barcode Scanner With Base
- Provides 2.4G, Standard USB interface



### »» ZKB106 (F34080085)

- 1D CCD Wireless Barcode Scanner With Base
- Provides 2.4G, Standard USB interface



### »» ZKB201 (F34080078)

- 2D Barcode Scanner
- Provides Standard USB interface



### »» ZKB202 (F34080089)

- 2D Wireless Barcode Scanner
- Provides 2.4G, Standard USB interface



### »» ZKB203 (F34080092)

- 2D Wireless Barcode Scanner With Base
- Provides 2.4G, Standard USB interface



### »» ZKB206 (F34080311)

- 2D Barcode Hands Free Scanner
- Data Communication Support: USB (Drive-Free), RS232



### »» ZKB207 (F34080313)

- 2D Barcode Hands Free Scanner
- Data Communication Support: USB (Drive-Free), RS232



### »» ZKB209 (X00208035)

- 2D Barcode Scanning Platform
- Provides USB-HID, USB-COM, RS232 interface

## ∨ EAS System



### »» ZKAM10 (F34080165)

- Reliable and flexible
- Adopts Digital Signal Processing (DSP) technology to enhance accuracy
- Software based anti-interference tuning and adjustment
- Effective anti-theft solution for multi-aisle scenarios



### »» ZKAM10A (F34080150)

- Reliable and flexible
- Adopts Digital Signal Processing (DSP) technology to enhance accuracy
- Software based anti-interference tuning and adjustment
- Effective anti-theft solution for multi-aisle scenarios
- Stable structure ensures long-lasting durability



### »» ZKAM20 (F34080183)

- Reliable and flexible
- Adopts Digital Signal Processing (DSP) technology to enhance accuracy
- Effective solutions for multi aisle scenario
- Software based anti-interference tuning and adjustment
- Stable structure ensures long-lasting durability
- Energy efficient



### »» ZKAM20A (F34080212)

- High flexibility, accuracy, anti interference and stable performance
- Low-Power Design
- Superior Digital Signal Processing (DSP) technology
- Effective solutions for multi aisle scenario
- Software based anti-interference tuning and adjustment
- Stable structure ensures long-lasting durability
- Acrylic board built-in LED lamp bead



### »» ZKRF10M (F34080138)

- Cost-effective
- Concise design can be applied to multiple scenarios
- Aluminum alloy material ensures long-lasting durability
- Advanced Digital Signal Processing (DSP) technology
- Suitable for wide-entrance solutions



### »» ZKRF20M (F34080144)

- Cost-effective
- Concise design can be applied to multiple scenarios
- Aluminum alloy material ensures long-lasting durability
- Advanced Digital Signal Processing (DSP) technology
- Suitable for wide-entrance solutions



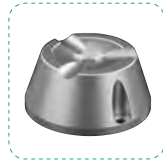
## RF Deactivator



**RF-769B:**  
RF Deactivator



**EAS-D01:**  
Normal Detacher 4500GS

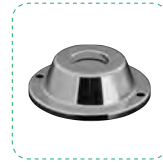


**EAS-D10N:**  
Universal Detacher 10000GS

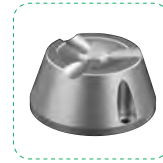
## AM Deactivator



**AM-D886:**  
AM Deactivator



**EAS-D01:**  
Normal Detacher 4500GS



**EAS-D10N:**  
Universal Detacher 10000GS

## RF Electronic Tag



**RFtag1:**  
RF Soft tag  
40 \* 40 (mm)



**RFtag2:**  
Small Square



**RFtag3:**  
Big Square



**RFtag4:**  
Bottle Tag



**RFtag5:**  
Milk Can Tag



**RFtag6:**  
Tag with Lanyard



**RFtag7:**  
Spider Tag

## AM Electronic Tag



**AMtag1:**  
AM Soft tag



**AMtag2:**  
Small Pencil



**AMtag3:**  
Big Flat Pencil



**AMtag4:**  
Tag with Lanyard



**AMtag5:**  
Spider Tag





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For more information on our branches and products, please visit our website:

[www.zkteco.com](http://www.zkteco.com)

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