

QUICK START GUIDE

Applicable Model: G3



Safety Precautions

Before installation, please read the following safety precautions for user safety and to prevent product damage.

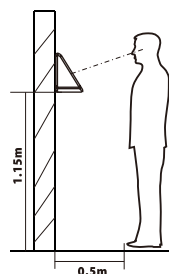
- Do not install the device in a place subject to direct sun light, humidity, dust or soot.
- Do not place magnet near the device. Magnetic objects such as magnet, CRT, TV, monitor or speaker may damage the device.
- Do not place the device next to heating equipment.
- Do not to let liquid like water, drinks or chemicals leak inside the device.
- Do not let children touch the device without supervision.
- Do not drop or damage the device.
- Do not disassemble, repair or alter the device.
- Do not use the device for any purpose other than those specified.
- Clean the device often to remove dust on it. While cleaning, do not splash water on the device but wipe it out with smooth cloth or towel.

Contact your supplier in case of a problem!

1

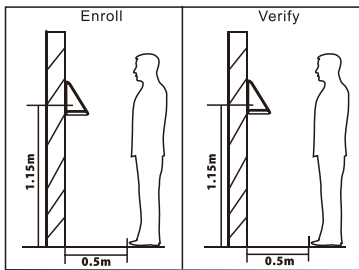
User Registration

1)Recommended Standing Position



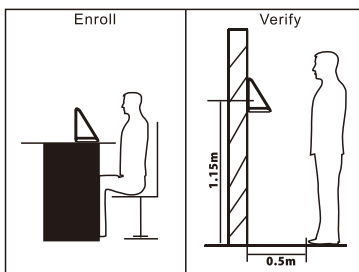
For user heights between 1.5m to 1.8m, it is recommended to install the device at 1.15m height above ground (may be modified according to user average height).

a.Recommended Registration and Verification Position

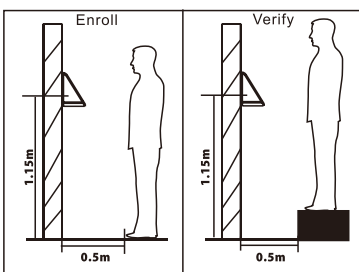


Recommended Procedures (as shown in the left image):During registration and verification procedures, the position of device should not be changed to prevent reduction in verification preciseness.If it is necessary to move the device,its vertical height should not be changed.

b. Factors Affecting the Preciseness of Verification



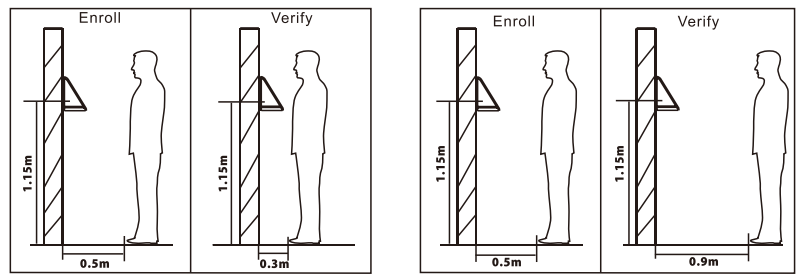
Non-identical registration and verification gestures



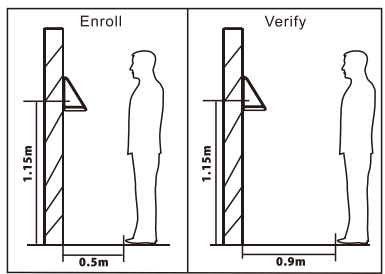
Non-identical registration and verification heights

2

User Registration

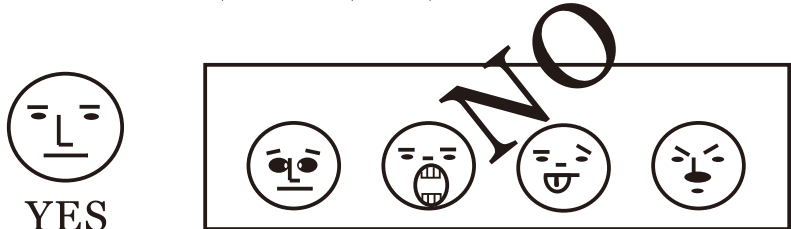


Non-identical registration and verification distances from device



Non-identical registration and verification distances from device

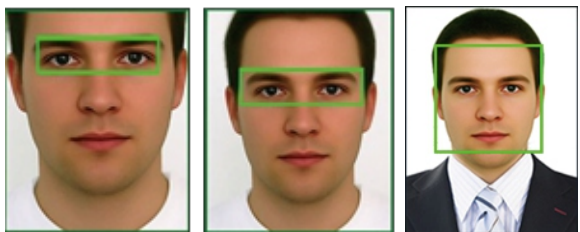
2) Recommended face Expressions vs.poor Expressions:



3) Registration

a. During registration, it is required to adjust your upper body to fit your eyes into the green frame on the screen.

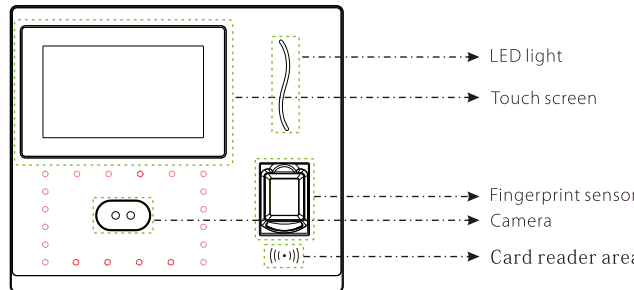
b. During verification, it is required to show your face in the center of the screen and fit your eyes into the green frame on the screen.



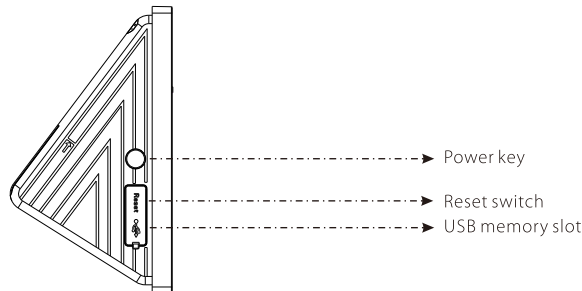
3

Device Overview

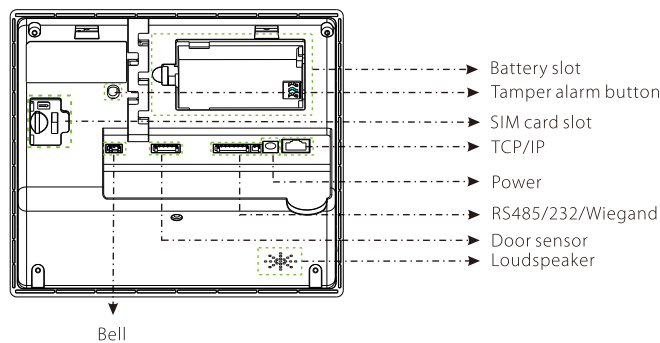
Front



Left Side



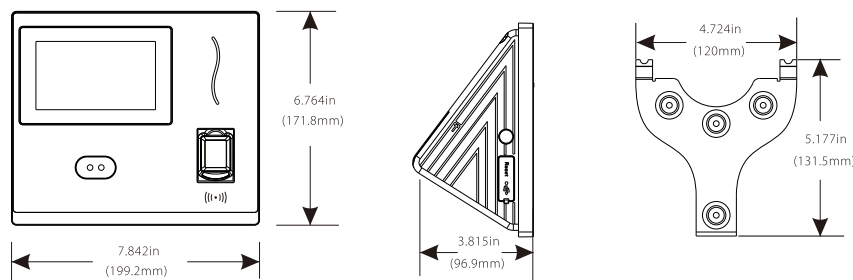
Back



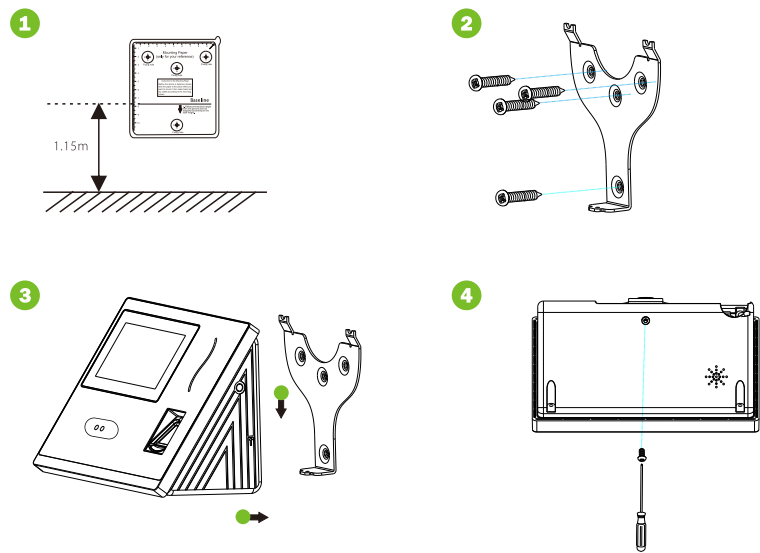
4

Device Dimensions & Installation

❖ Product dimensions



❖ Mounting the device on wall

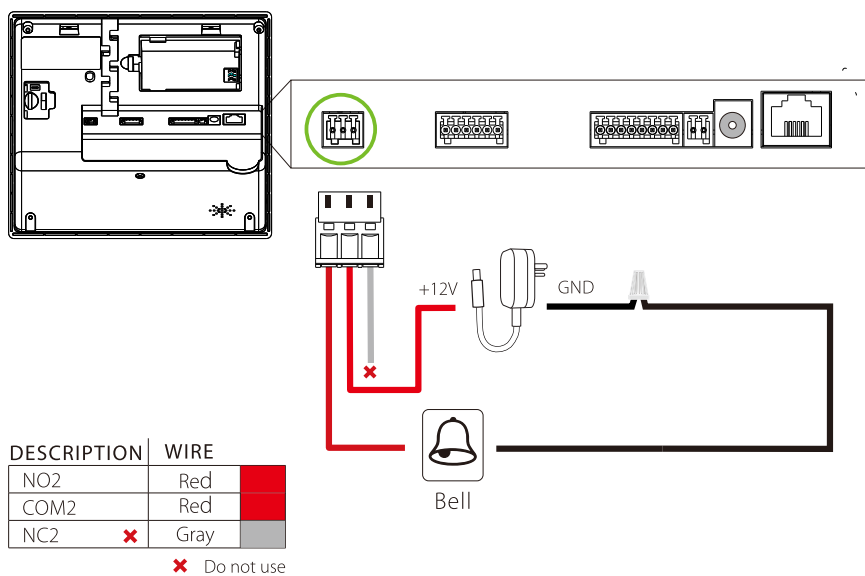


- Paste the mounting template sticker onto the wall, and drill holes according to the mounting paper.
- Fix the back plate onto the wall using wall mounting screws.
- Insert the device into back plate.
- Use security screw to fasten the device to back plate.

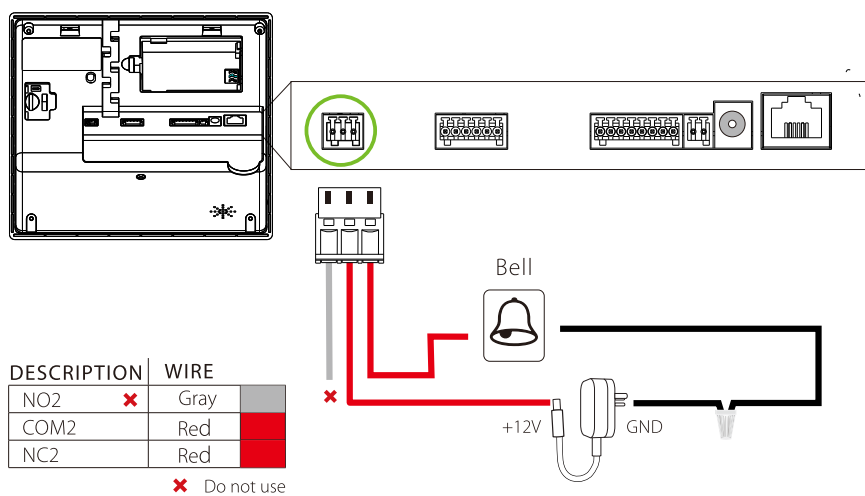
5

Bell Connection

❖ External bell normally opened connection



❖ External bell normally closed connection

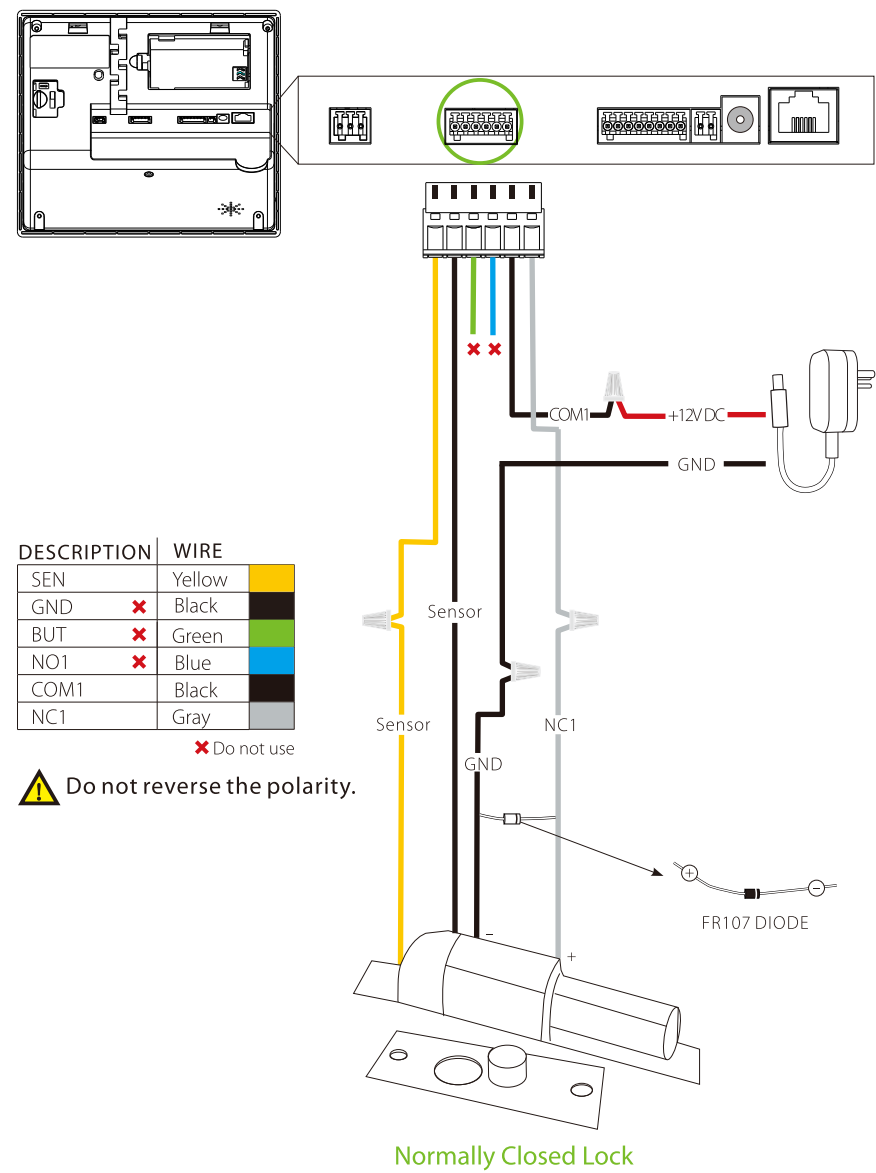


6

Lock Relay Connection

1. The system supports Normally Open Lock and Normally Closed Lock.For example the NO LOCK (normally)opened

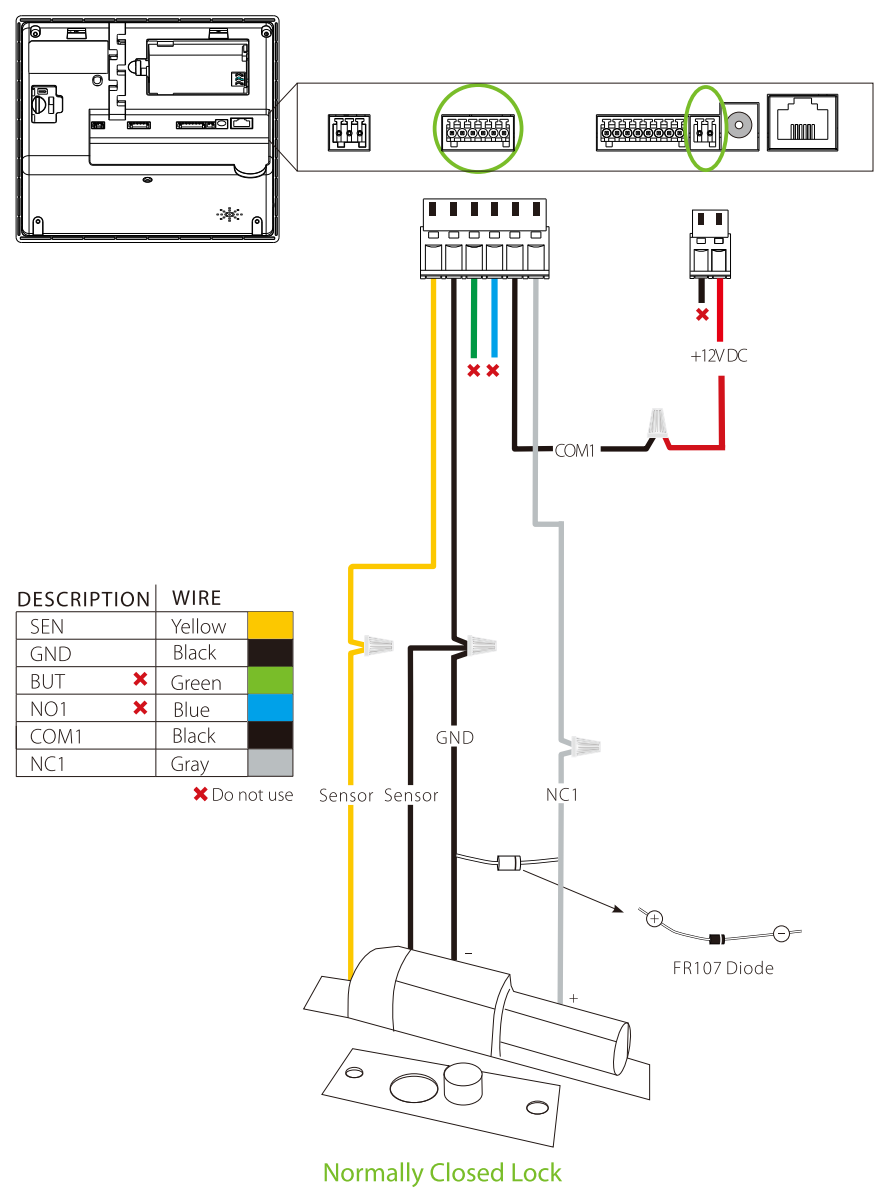
❖ Device not sharing power with the lock



7

Lock Relay Connection

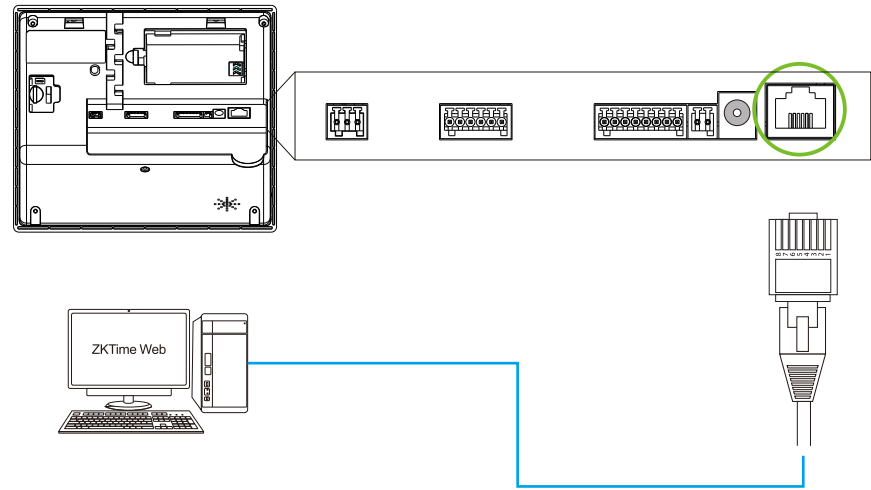
❖ Device sharing power with the lock



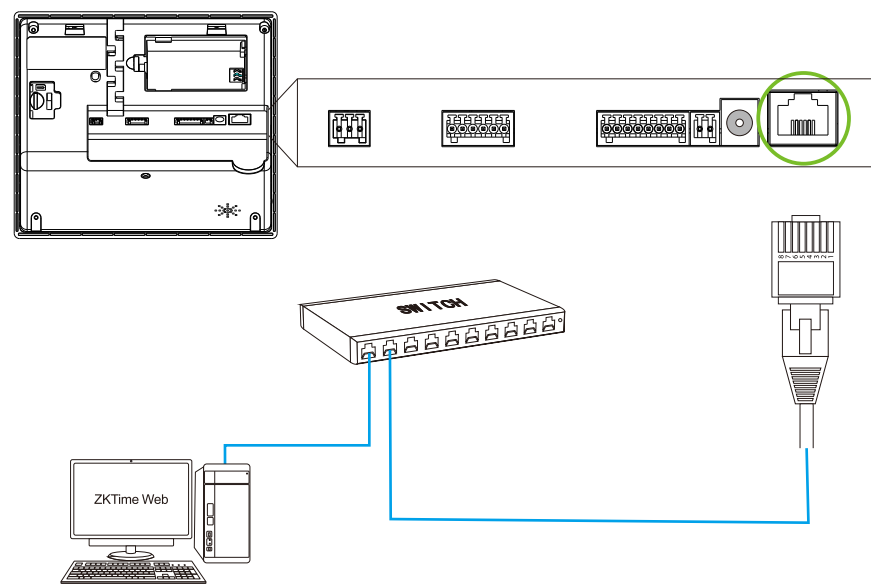
8

Ethernet Connection

❖ Connecting the terminal with PC through cross cable



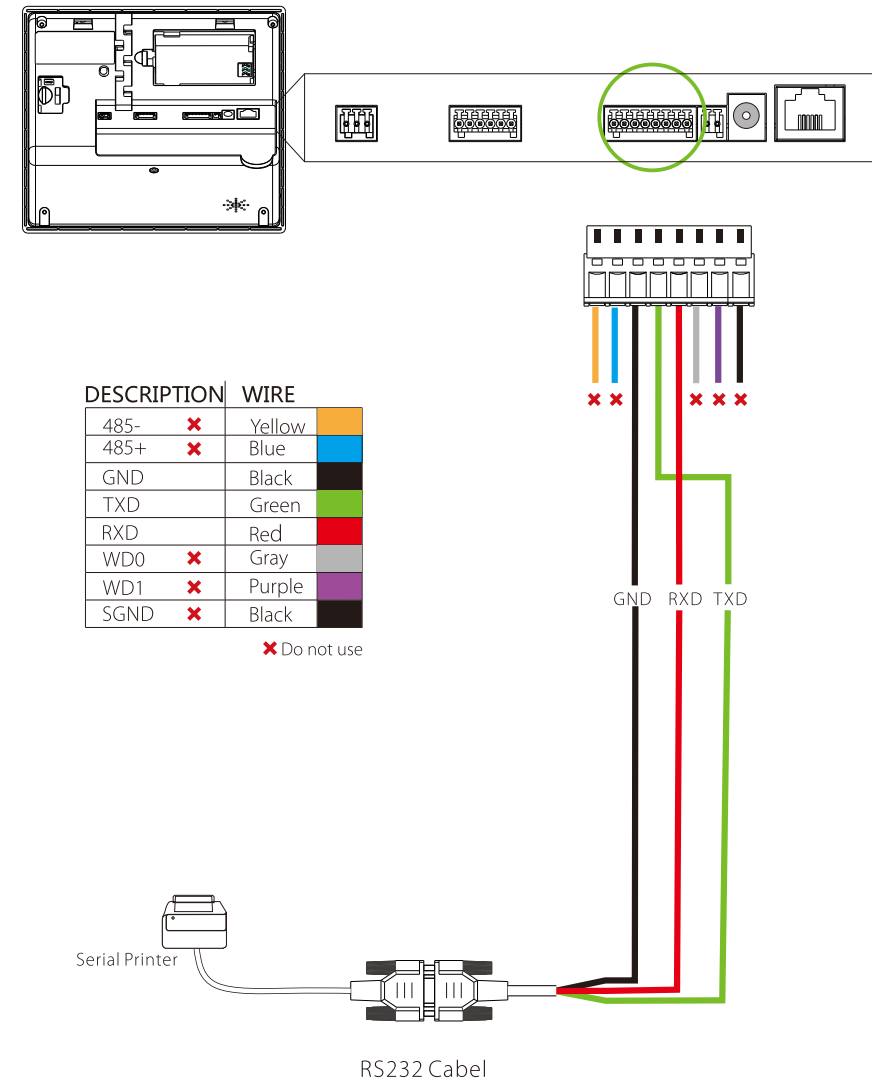
❖ Connecting the terminal with PC through the network and HUB to create a local network



9

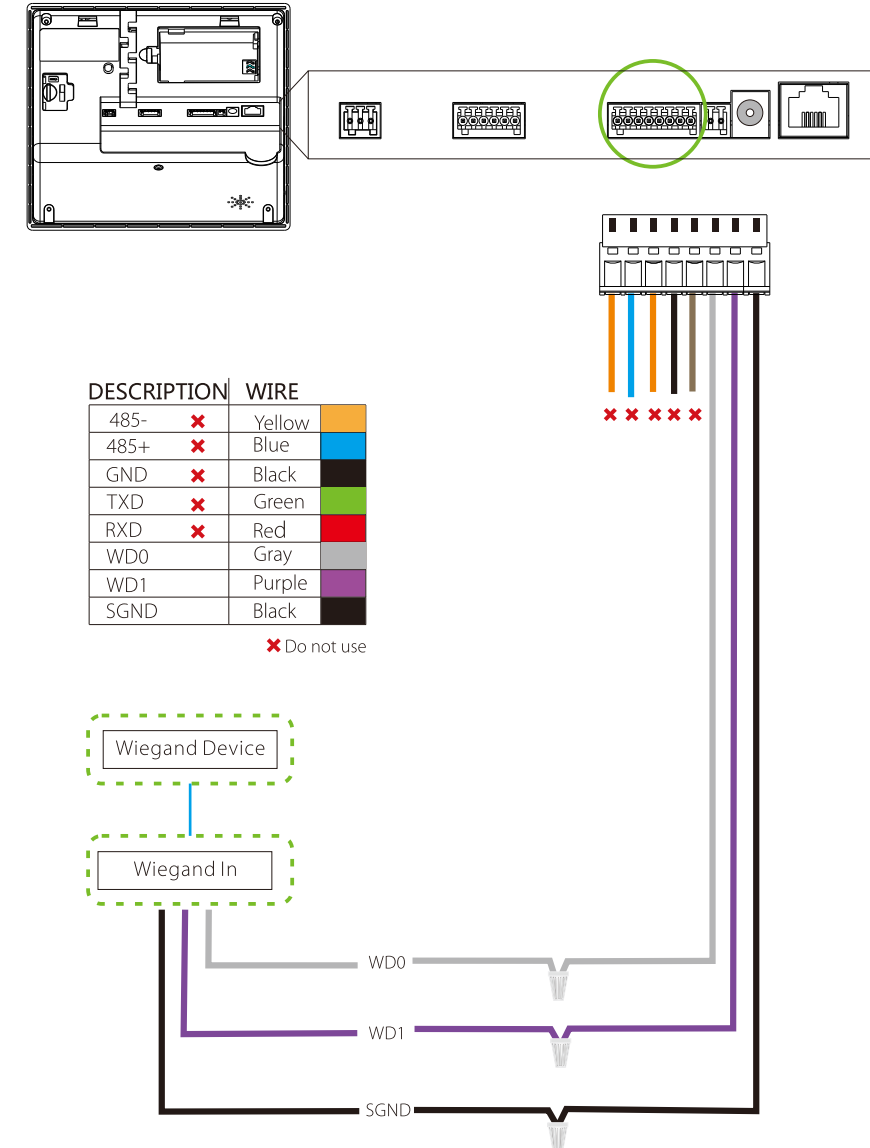
RS232 Connection

❖ Printer connection



10

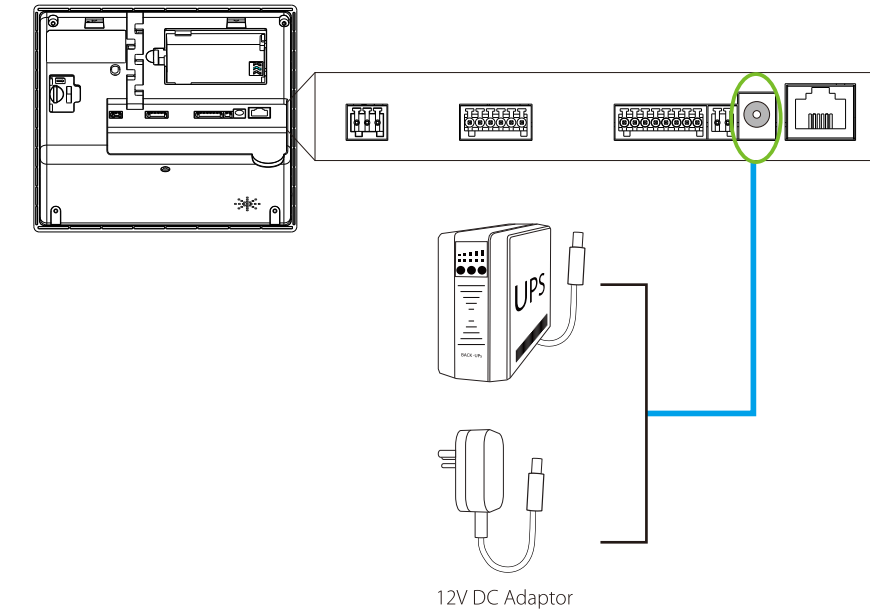
Wiegand Output Connection



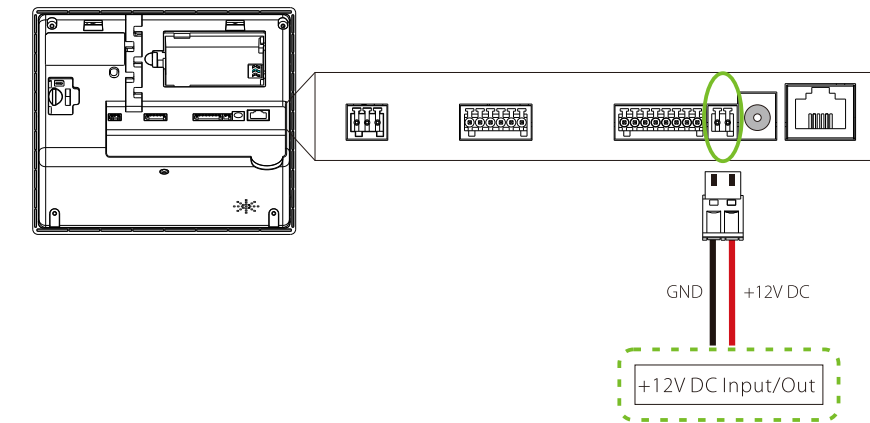
11

Power Connection

❖ With UPS (Optional)

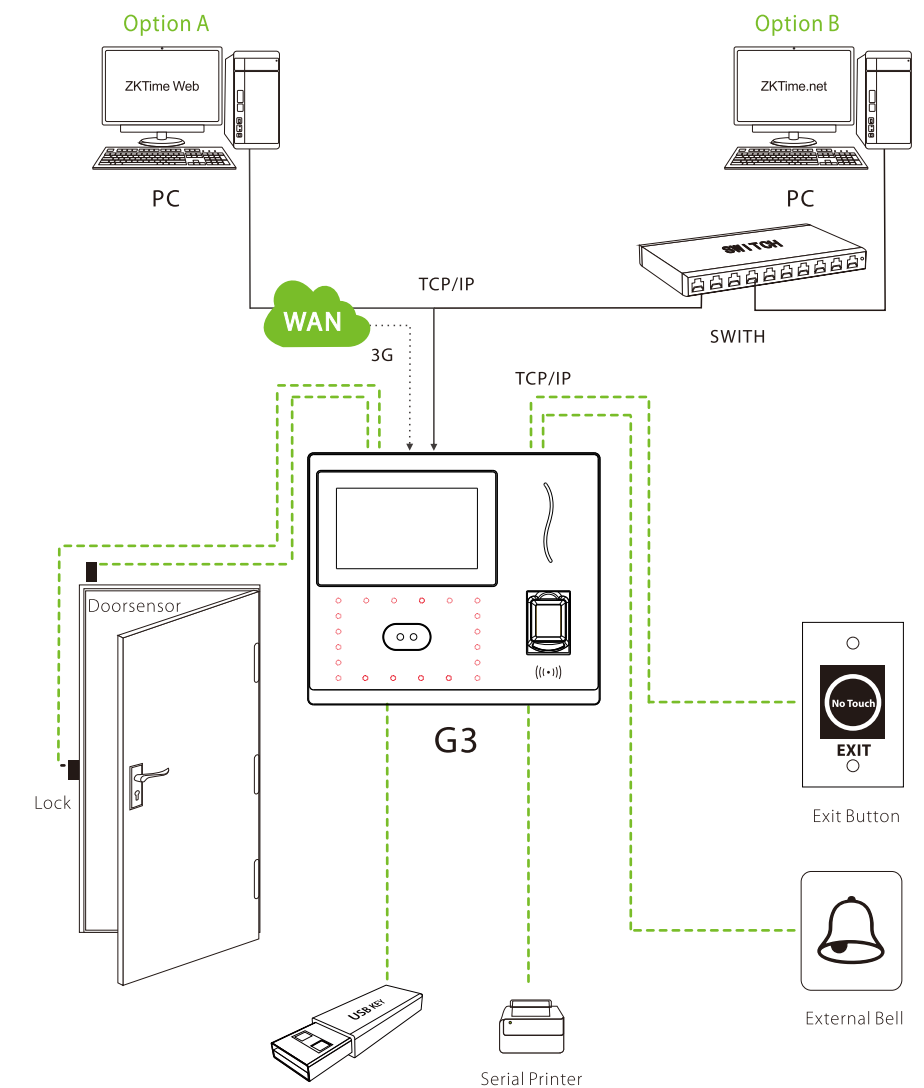


❖ Without UPS



12

Standalone Installation



13

Device Operation

❖ Quick flows

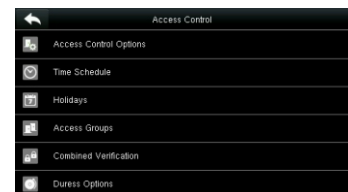
To enroll administrator and user:
Go to Communication Settings>Punch/Verify>View Records

- 1) Enroll Administrators and Users
- a. Enroll Administrators (Main Menu>User Management>New User)



User ID: Enroll user ID; it supports 1-9 digits of numbers.
User Role: Select the user role between Normal User and Super Admin.
Fingerprint: Enroll a fingerprint or fingerprints.
Face: Enroll face according to the prompts of screen and voice.
Badge Number: Enroll a badge by swiping the badge.
Password: Enroll the password; it supports 1-9 digits of numbers.
User Photo: Enroll the user photo which will display displayed after verification.
User Expiration Rule: Set the expiration time of the user.
Access Control Role: Set the Access Control parameters of the user.

Access Control Setting (Main Menu>Access Control) :



Access Control Options: Including Door Lock Delay, Door Sensor Delay, Door Sensor Type, NC / NO Time Period etc.
Time Schedule: Schedule Doors' opening time; 50 time zones are available to define.
Holidays: Set special time zones for holidays.
Access Groups: Set to manage employees in groups.
Combined Verification: Set various groups into a combined access group to achieve multi-verification.
Duress Options: Set duress function options.

b. Enroll Normal Users (Follow the same steps of "Enrolling Administrator" except the "User Role" option)

14

Device Operation

2) Communication Settings (Main Menu>Communication)



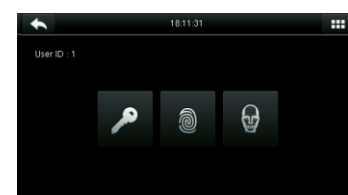
Ethernet: The device can communicate with PC via the Ethernet parameters.
Serial Comm: The device can communicate with PC via the serial port according to the user-defined parameters.
PC Connection: Set the password and device ID so that you can connect the device with software in PC.
Cellular Data Network: When the device is applied on a dial-up network, ensure that the device is within the coverage of the mobile network signals (3G).
ADMS Setting: Settings used for connecting with ADMS server.
Wi-Fi Setting: The device provides a Wi-Fi module, which can be built in the device mould or externally connected, to enable data transmission and to establish a wireless network environment.
Wiegand Setup: Set Wiegand-out parameters.

3) Verification (1:1 verification mode for example)

Click [1:1] to enter 1:1 verification mode on initial interface.

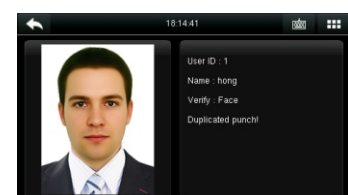
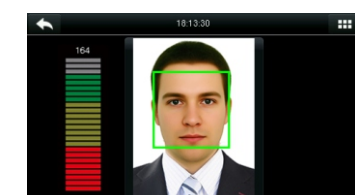


Enter User ID and press [OK].



When multi-verification mode is registered, please choose the verify mode as shown in the figure above: password, fingerprint and face.

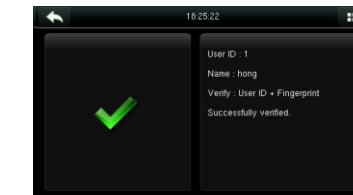
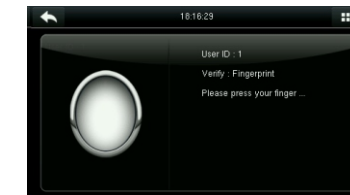
a. Face Verification Mode



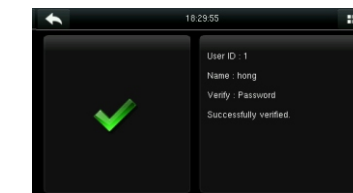
15

Device Operation

b. Fingerprint Verification Mode



c. Password Verification Mode



4) Viewing Attendance Records

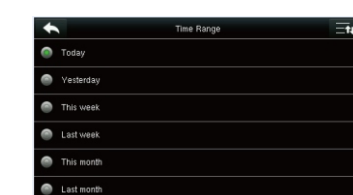
a. View records in the device (Main Menu>Attendance Search>Attendance Records)



Enter the user ID to search.



Tap the record in green to view its details.



Select the time range for attendance record query.



The above figure shows the details of this record

16

Device Operation

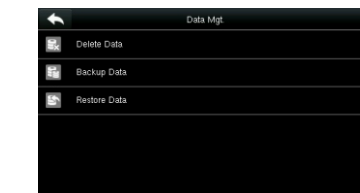
b. View records on computer (Main Menu>USB Manager>Download>Attendance Data)



1. Insert the USB disk correctly.
2. Download the attendance data to the disk.
3. Upload the attendance data from the disk to your computer.
4. Name the downloaded data as "Device Serial Number.dat". You can open the downloaded data and view it.

❖ Backup data

To avoid data loss due to mis-operation, you can back up the data to local drive or USB disk at any time.



1. Enter Main Menu>Data Management>Backup Data>Saving Type>Data Type to backup.
2. Select the content to be backed up.

17

Troubleshooting

Q: "Invalid time zone" is displayed after verification?

A: Contact Administrator to check if the user has the privilege to gain access within that time zone.

Q: Verification succeeds but the user cannot gain access?

- A: 1. Check whether the user privilege is set correctly.
2. Check whether the lock wiring is correct.

18