

Z8508NEQ-8P

8-Channel H.265 Network Video Recorder with 8 POE



- H.265/H.264 decoding
- Support 8-channel 5MP IP cameras input & preview
- Support 4-channel real-time playback synchronously
- With 8 POE ports for plug & play
- HDMI output up to 1080P high definition
- Intelligent video analytics functions
- TCP/IP, DHCP, DDNS, SMTP, NTP, UPNP, RTSP, etc.
- P2P cloud service supported
- ONVIF Profile S compatible

System Overview

ZKTeco Z8000NEQ series 8 POE NVR are built-in with power-over-ethernet (POE) for IPC connection, no extra power supply and switch needed for IPC deployment, plug & play, easy installation. The NVR could deliver up to 5MP resolution excellent image over advanced H.265 decoding. It's an ideal consideration for the balance of quality, performance, and budget.

The user-friendly GUI provides intuitive shortcut operations, remote control, management, flexible storage, and playback. Powered by the reliable interoperability and ONVIF Profile S, it's compatible with plenty of 3rd-party IPC or crossing platform VMS. The devices can be used in governmental institutions, bank sectors, manufacturers, educational or commercial projects.

Functions

IVA functions supported (Intelligent Video Analytics) such as Tripwire / Target Counting / Object Left/Lost / Intrusion , etc.

User-friendly & full function VMS / Mobile App

Alarm events linkage actions such as email, audio, buzzer and alarm push message to Mobile App and VMS

Technical Parameters

| | |
|------------------|-------------------------------|
| Model | Z8508NEQ-8P |
| System | |
| Main Processor | Multi-core embedded processor |
| Operating System | Embedded LINUX |

| Video and Audio | |
|---------------------------------------|--|
| Max IPC Input | 8CH |
| Two-way Talk | Support |
| Audio Compression | G.711u |
| Live View | |
| Display Split | 1/4/6/8 CH |
| Resolution | 5MP(2592*1944) / 2MP(1920*1080) / 1.3MP(1280*1024) / 1MP(1280*720) / D1(1024*768) |
| Live View Capability | 1CH@5MP / 8CH@D1(25/30fps) |
| Recording | |
| Video Compression | H.265 / H.264 |
| Recording Resolution | 5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF |
| Max. Decoding Capability | 8CH@5MP (25/30fps) |
| Incoming Bandwidth | 60 Mbps |
| Bit Rate | Main Stream: 16Kbps ~ 8192Kbps |
| | Sub Stream: 50Kbps ~ 700Kbps |
| Record Mode | Schedule, Manual, Motion Detection, IVA Events Alarm |
| Record Interval | 1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec |
| Playback and Backup | |
| Playback Channel | 4CH synchronously playback |
| Search Mode | Time/ Date, Alarm Types, IVA Search |
| Playback Function | Play, Stop, Play Forward, Play Backward, 30 Seconds Forward, 30 Seconds Backward, Fast Play, Slow Play, Single Frame Play, Hide/Show Time Bar, Backup, Snapshot, Full Screen |
| Backup Mode | USB Device / Network Remote |
| IVA Alarm | |
| Local IVA Functions | Tripwire / Target Counting / Counting Statistics/Object Left/Lost / Intrusion |
| Regular Detection | Motion Detection / Video Shelter / Video Loss |
| AI Search | Support search target video by multiple intelligent conditions |
| Network | |
| Network Protocol | TCP/IP, UDP, HTTP, DDNS, SMTP(SSL), DHCP, RTSP, NTP, P2P |
| Max. Online User | 20 |
| Web Browser | Internet Explorer/Microsoft Edge |
| ANR (Automatic Network Replenishment) | Support |
| Operation System | Windows |
| Management Platform | AntarVis 2.0 |
| Mobile Application | AntarView Pro (iOS & Android) |
| P2P Cloud Service | Support |
| Interoperability | ONVIF Profile S, SDK, CGI, API |

Storage & Auxiliary Interface

| | |
|--------------------|-----------------------------------|
| SATA Ports | 1 SATA Port, up to 12 TB capacity |
| eSATA | N/A |
| Raid 0/1/5/6/10 | N/A |
| HDMI | 1*HDMI (1080P) |
| VGA | 1920*1080/60Hz, 1280*1024/60Hz |
| Network Interface | 1 RJ-45 Port (10/100Mbps) |
| PoE Ports | 8 ports |
| USB | 3*USB 2.0 |
| Audio Input/Output | 0/1 output |
| Alarm Input/Output | N/A |
| RS-485 | N/A |

Power

| | |
|-------------------|---|
| Power Supply | DC 48V/2.5A |
| Power Consumption | 24W (without HDD) PoE ports: 15W for each output up to 250m transmission |

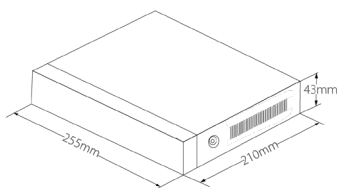
General

| | |
|---------------------|-----------------------------|
| Casing | 1U |
| Working Temperature | -10°C ~ 55°C / 14°F ~ 131°F |
| Working Humidity | 0% ~ 90% |
| Dimensions (L*W*H) | 255 * 210 * 43 (mm) |
| Net Weight | 2.5kg (without HDD) |
| Gross Weight | 3kg (without HDD) |

Order Information

| Name | Model | Description |
|------|-------------|--------------------------|
| NVR | Z8508NEQ-8P | 8CH H.265 POE NVR, 1SATA |

Dimensions (mm)



Rear Panel

