

Z8504NEQ

4-Channel H.265 4K Network Video Recorder



4K



P2P Cloud



H.265



HTML5

- H.265/H.264 decoding
- Support 4-channel 8MP IP cameras input
- Support 4-channel real-time playback synchronously
- HDMI output up to 4K UHD
- Intelligent video analytics functions
- TCP/IP, DHCP, DDNS, SMTP, NTP, UPNP, RTSP, etc.
- P2P cloud service supported
- Compatible with ONVIF Profile S protocol

System Overview

ZKTeco's Z8504NEQ is a network video recorder (NVR) offers a good quality for video surveillance.

Z8504NEQ supports H.265 decoding and 4K HDMI output. Its user-friendly GUI provides an intuitive shortcut operations, including remote control and playback.

Also, Z8504NEQ is compatible with profile S protocol, which enhances its interoperability with 3rd party IP camera and video security management platform. This NVR offers a good quality for video surveillance in government institution, bank or commercial projects.

Features

Support intelligent video analytics (IVA) such as Tripwire / Target Counting / Object Left/Lost / Intrusion, etc.

User-friendly & full function VMS / Mobile App (AntarView Pro+ (iOS & Android))

Alarm events linkage actions such as email, audio, buzzer and alarm push message to Mobile App (AntarView Pro+ (iOS & Android)) and VMS

Technical Parameters

Model	Z8504NEQ
System	
Main Processor	Multi-core embedded processor
Operating System	Embedded LINUX

Video and Audio

Max IPC Input	4CH
Two-way Talk	Support
Audio Compression	G.711u

Live View

Display Split	1/4 CH
Resolution	8MP(3840*2160) / 5MP(2592*1944) / 2MP(1920*1080) / 1.3MP(1280*1024) / 1MP(1280*720) / D1(1024*768)
Live View Capability	4CH@8MP(25/30fps)

Recording

Video Compression	H.265 / H.264
Recording Resolution	8MP/5MP/3MP/1080P/960P/720P/D1/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Max. Decoding Capability	4CH@8MP(25/30fps)
Incoming Bandwidth	40 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	4-channel real-time playback synchronously
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 (4K)
VGA	1920*1080/60Hz, 1280*1024/60Hz
Network Interface	1 RJ-45 Port (10/100Mbps)
PoE Ports	N/A
USB	3*USB 2.0
Audio Input/Output	0/1 output
Alarm Input/Output	N/A
RS-485	N/A

Power

Power Supply	DC 12V/2A
Power Consumption	24W (without HDD)

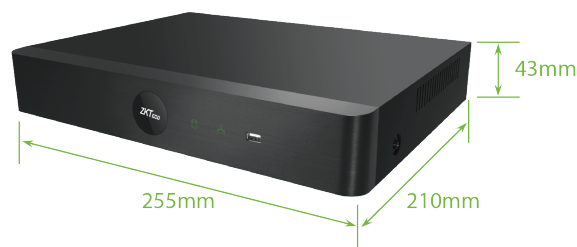
General

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

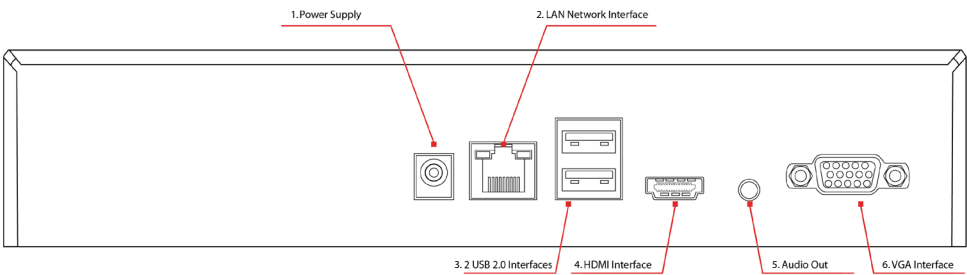
Order Information

Name	Model	Description
NVR	Z8504NEQ	4CH H.265 4K NVR, 1SATA

Dimensions (mm)



Rear Panel



NO.	Description	NO.	Description
1	Power Supply	4	HDMI Interface
2	LAN Network Interface	5	Audio Out
3	USB 2.0 Interfaces *2	6	VGA Interface

