Z508/16NFR-8P

8/16 Channel 4K&H.265+ Network Video Recorder

Features

- H.265+/H.265/H.264+/H.264 Decoding
- Support 8/16CH 4K Resolution Preview and Playback
- Support HDMI up to 4K output
- DHCP, FTP, DNS, DDNS, NTP, UPNP, RTSP etc.
- ONVIF Profile S Compatible
- Cloud Service, P2P
- Mobile phone remote monitoring (iOS, Android)
- Multi-browser access (IE, Chrome, Firefox, Safari)

System Overview

ZKTeco Z500NFR-P series could deliver up to 4K resolution excellent image over advanced H.265+ decoding.

It's the ideal consideration for the balance of quality, performance and budget.

The friendly GUI provides intuitive shortcut operations, remote control and management, flexible storage, smart serach and playback.

It's widely used for the government, banking sectors, manufaturers,educational or commerical projects.

Powered by the strong interoperability and Onvif Profile S, it's compatible with plenty of 3rd party IPC or crossing platform VMS.

Functions

Up to 4K (3840 x 2160) Resolution Preview or Playback

IVA (Intelligent Video Analysis) supported, it allows to detect muliple object behaviors, like tripwire, intrusion, objects missing or abandoned etc.

Smart Add

Only one click to add all the private IP cameras into NVR like analog system connection, to avoid IP conflict problem.

AntarView

Flexiblely and remotely monitor at anytime or anywhere with AntarView APP.

Technical Parameters

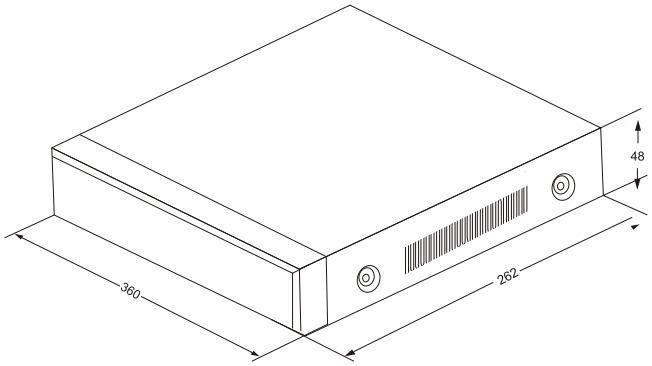
Model	Z508NFR-8P	Z516NFR-8P
System		
Processor	Multi-core Embedded Processor	
Operation System	Embedded Linux	
Display		
Interface	1 HDMI, 1 VGA	
OSD	Camera Title, Time, Video Loss, Motion Detection, Recording	
Video Detection and Alarm		
Linkaged Events	Alarm Out, Linkage Record, Snapshot, PTZ Linkage, Tour, Show Message, Buzzer,Send Email, FTP, Upload Cloud, Push Alarm	
Motion Detection	MD Zones：396（22x18）	
Alarm Input	8 channel input	
Alarm Output	4 channel output	
Playback and Backup		
Playback Channel	8	16
Search Mode	Time/Date, MD and Exact Search, Smart Search	
Playback Function	Play, Pause, Stop, Rewind, Fast Play, Slow Play, Next Camera, Previous Camera, Full Screen, Shuffle, Backup Selection, Digital Zoom	
Backup Mode	USB device/Network	
Interface and Storage		
Network Interface	1 RJ-45 port（10/100Mbps）	
HDD	2 SATA,up to 10TB capacity for each HDD	
USB	2xUSB 2.0	

Audio and Video		
IPC Input Channel	8	16
Two-way Talk	1 Channel Input, 1 Channel Output, RCA	
Recording		
Video Compression	H.265+/H.265/H.264+/H.264	
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080P/ 1.3MP/720P etc.	
Incoming Bandwidth	64Mbps	
Bitrate	Self-adaptive with IP Camera	
Record Mode	Manual, Schedule, Motion Detection, Video Loss, Privacy Mask, VQD, IVA	
Network		
PoE	IEEE 802.3at/af	
	8 ports	
Network Protocol	HTTP, TCP/IP, IPV4, UDP, RTSP, DHCP, FTP, PPPOE, NTP, UPnP, P2P, DDNS, SMTP	
Max. Online User	20	
Mobile App	Antarview（iOS & Android）	
Interoperability	Onvif Profile S, SDK	
Electrical		
Power supply	DC 48V1.875A	
Consumption	6W without HDD	
Environmental		
Working Temperature	-10℃~+55℃	
Working Humidity	10~90%	
Package		
Dimensions	360mmx262mmx48mm	
Net Weight	3KG	
Gross Weight	3.58KG	

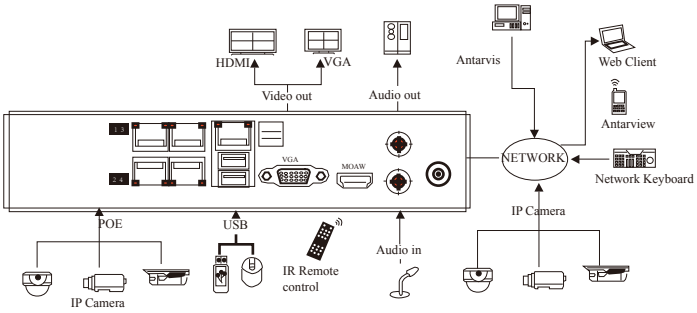
Ordering Information

Type	Part Number	Description
PoE NVR	Z508NFR-8P	4 channel 2 SATA PoE NVR
	Z516NFR-8P	16 channel 2 SATA PoE NVR

Dimensions (mm)



Rear Panel



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