Z8536NHR / Z8564NHR
36/64-Channel 4K H.265+ Network Video Recorder

4K UHD

- H.265+/H.265/H.264 decoding
- Support 36- or 64-channel 4K IP cameras input
- Support 16 channels real-time playback synchronously
- HDMI output up to 4K high definition
- Intelligent video analytics functions (up to IPC)
- DHCP, DNS, DDNS, NTP, UPNP, RTSP, etc.
- Support multiple web browsers login
- P2P cloud service supported
- ONVIF Profile S compatible

System Overview

NVR of the Z8000NHR series could deliver up to 4K 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 Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene Change / VQD, etc. (up to IPC)

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	Z8536NHR	Z8564NHR
System		
Main Processor	Multi-core embedded processor	
Operating System	Embedded LINUX	

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Video and Audio

Max IPC Input	36CH	64CH
Two-way Talk	Support	
Audio Compression	G.711u	

Live View

Display Split	1/4/6/9/16/36 CH	1/4/6/9/16/36/64 CH
Resolution	8MP(3840*2160) / 5MP(2592*1944) / 2MP(1920*1080) / 1.3MP(1280*1024) / 1Mp(1280*720) / D1(1024*768)	
Live View Capability	36CH@D1(25/30fps)	

Recording

Video Compression	H.265+ / H.265 / H.264	
Recording Resolution	8Mp/5MP/4MP/3MP/1080P/960P/720P/D1	
Max. Decoding Capability	36CH@D1(25/30fps)	
Incoming Bandwidth	216 Mbps	512 Mbps
Bit Rate	Main Stream: 256Kbps ~ 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	16CH
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	Line Crossing / Target Counting / Object Left/Lost / Intrusion / Scene Change / VQD
Regular Detection	Motion Detection / Video Shelter / Video Loss
AI Search	Support search target video by multiple intelligent conditions

Network

Network Protocol	TCP/IP, HTTP, DDNS, SMTP(SSL), DHCP, PPPoE, UPnP, NTP, P2P
Max. Online User	5
Web Browser	Internet Explorer
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

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Storage & Auxiliary Interface

SATA Ports	9 SATA Ports, up to 8 TB capacity
eSATA	Support
Raid 0/1/5/6/10	Support
HDMI	1*HDMI (4K)
VGA	1920*1080/60Hz, 1280*1024/60Hz
Network Interface	2 RJ-45 Port (1000Mbps)
PoE Ports	N/A
USB	1*USB 2.0, 1*USB 3.0
Audio Input/Output	1/1
Alarm Input/Output	4/4
RS-485	Support

Power

Power Supply	AC100~240V, 47Hz~63Hz
Power Consumption	35W (Without HDD)

General

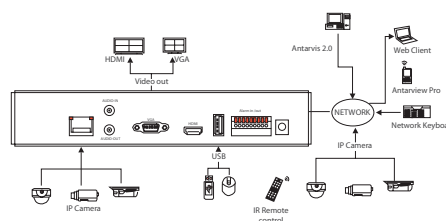|	
Casing	2U
Working Temperature	-10℃ ~ 55℃ / 14°F ~ 131°F
Working Humidity	10% ~ 90%
Dimensions (L*W*H)	412 * 430 * 87 (mm)
Net Weight	7kg (without HDD)
Gross Weight	7.5kg (without HDD)

Order Information

Name	Model	Description
NVR	Z8536NHR	36CH H.265+ NVR, 9SATA
	Z8564NHR	64CH H.265+ NVR, 9SATA

Dimensions (mm)

87mm
412mm
430mm
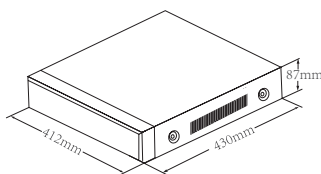
Rear Panel

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