

64-ch 8 HDD 16 PoE Ultra AI 4K NVR

- Max. 384 Mbps incoming; Max 64 Channel 8MP IPC input;
- 32-channel 1080P decoding capability; Supports adaptive decoding
- Support 4K HDMI output; Up to 16 channels for playback;
- Support P2P, APP Alarm Push;
- AI by camera: Face Detection, Perimeter Protection, Video Metadata and SMD
- AI by NVR: Face Detection, Face Recognition, Perimeter Protection, and SMD



Technical Specifications

System

OS	Embedded Linux
OS Operation Interface	Web/operating in local GUI

Perimeter Protection by Camera

Performance	64 channels
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Face Detection by Camera

Performance	64 channels
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Object Detection by Camera

Performance	64 channels
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SMD by Camera

Performance	64 channels
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Perimeter Protection by NVR

Performance	4 channels
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Face Detection by NVR

Performance	4 channels
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Face Recognition by NVR

Performance	2 channels(20 face databases with 100,000 face pictures in total)
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SMD by NVR

Performance	8 channels
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Video&Audio Input

Max bandwidth	384Mbps
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IPC Input	64CH
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Video & Audio Output

VGA	1920×1080,1280×1024,1280×720
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HDMI	3840×2160,1920×1080,1280×1024,1280×720
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Audio Output	1CH, RCA (Line out,2Vp-p,300ohms)
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Audio Encoding

Audio Compression	G.711A
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Audio Bit Rate	64Kbps
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Video&Audio Decoding	
IP channel Resolution	Up to 3840×2160
Video decoding	H.265 (Main Profile@L5.0 High-tie) /H.264 Up to High Profile@Level5.0)
Audio decoding	G.711A, G711U, G726
Synchronous Playback	16CH
Decoding Ability	32CH 1080P@30FPS/8CH 4K@30FPS
Preview	
Synchronous Preview	32
Multi-screen Display	1, 4, 8, 9, 16, 25, 32 views
Playback	
Record Mode	Manual; Schedule (general; MD; alarm; intelligent)
AI Search	Search by target classification (human, vehicle, non-motor vehicle)
Backup	USB device
Playback Function	1. Play; pause; stop; fast forward; fast backward; rewind; play by frame 2. Full screen; backup (cut/file) ; partially enlarge; audio on/off
Network	
Network Protocol	HTTP; TCP/IP; IPv4; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; P2P; Auto register
Mobile Phone Access	Android; iOS
Interoperability	ONVIF; SDK
Browser	IE; Edge; Google; Firefox
HDD	
SATA	8
ESATA	1
Max Capacity	16 TB
External Interface	
PoE Ports	16
Network Interface	2 RJ-45(10/100/1000 Mbps)
VGA	1
HDMI	2
USB	2 USB 2.0 (on back panel), 2 USB 2.0+1 USB 3.0 (On front)
RCA Input	1
RCA Output	2
Alarm Input	16
Alarm Output	8
RS-232	1
RS-485	1
Reset	1(on the mainboard)

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Other Function	
IPC Access	Support One-Click add IPC function
Two-way Talk	Yes
Alarm Linkage	Record; Snapshot; Buzzer; Log; Preset; Email
Picture Capture	Support JPEG Capture
General Parameter	
Front Panel	CU
Packing	520x520x215mm
Dimensions	2U 441x448x88mm
Weight	7Kg (No HDD)
Installation	Rack or desktop Installation
Power Supply	AC110V~220V±10% 47Hz~63Hz
Working Temperature	-10°C-- +55°C
Working Humidity	10%--90%
Consumption	20W (without HDD,without POE)
Certifications	
Certifications	CE/FCC

Dimensions

