

8-ch 2 HDD Ultra AI 4K NVR



- Max. 384 Mbps incoming; Max 8 Channel 8MP IPC input;
- 32-channel 1080P decoding capability; Supports adaptive decoding
- Support 4K HDMI output; Up to 8 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	8 channels
Face Detection by Camera	
Performance	8 channels
Object Detection by Camera	
Performance	8 channels
SMD by Camera	
Performance	8 channels
Perimeter Protection by NVR	
Performance	4 channels
Face Detection by NVR	
Performance	4 channels
Face Recognition by NVR	
Performance	2 channels(20 face databases with 100,000 face pictures in total)
SMD by NVR	
Performance	8 channels
Video&Audio Input	
Max bandwidth	384Mbps
IPC Input	8CH
Video & Audio Output	
VGA	1920×1080,1280×1024,1280×720
HDMI	3840×2160,1920×1080,1280×1024,1280×720
Audio Output	1CH, RCA (Line out,2Vp-p,300ohms)
Audio Encoding	
Audio Compression	G.711A
Audio Bit Rate	64Kbps

Ultra AI 4K Series | NVR8208E-4K

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	8CH
Decoding Ability	8CH 4K@30FPS
Preview	
Synchronous Preview	8
Multi-screen Display	1, 4, 8, 9 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	2
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)

This datasheet is subject to change without prior notice. Please contact us to get the latest datasheet.

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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	JS
Packing	405x365x123mm
Dimensions	1U 360x311.5x48mm
Weight	3Kg（No HDD）
Installation	Desktop Installation
Power Supply	AC110V~220V±10% 47Hz~63Hz
Working Temperature	-10℃--+55℃
Working Humidity	10%--90%
Consumption	20W (without HDD,without POE)
Certifications	
Certifications	CE/FCC

Dimensions

