

MODEL: IDS-NVR4K08CP

8-Channel PoE Network Video Recorder — Ultra 265 / H.265, 4K HDMI Output, 1 × SATA up to 8 TB

PRODUCT OVERVIEW

IDS-NVR4K08CP



8-Channel PoE Input

8 × RJ45 PoE ports, 80 Mbps incoming bandwidth



4K HDMI + VGA

Simultaneous output, up to 3840 × 2160 @ 30 Hz



Ultra 265 / H.265 / H.264

Recording up to 8MP resolution



1 × SATA up to 8 TB

Max capacity varies with environment temperature



ONVIF S / G / T + RTSP

Supports mainstream third-party cameras



128 Remote Users

P2P cloud, web browsers, cloud upgrade

SMART VCA SUITE

8-CH SMART INTRUSION PREVENTION · VIA CONNECTED CAMERAS



Intrusion Detection

Perimeter zones



Cross Line

Tripwire events



Enter / Leave Area

Zone events



Object Left / Removed

Scene audit



Scene Change / Defocus

Tamper alerts



Auto Tracking / UMD

Ultra motion detection

KEY FEATURES

- ✓ Supports Ultra 265 / H.265 / H.264 video formats
- ✓ 8-channel PoE input — 80 Mbps in / 64 Mbps out bandwidth
- ✓ ONVIF (Profile S / G / T) + RTSP — third-party camera support
- ✓ 1-ch HDMI up to 4K (3840 × 2160) + 1-ch VGA output
- ✓ Records up to 8MP — 4K / 5MP / 4MP / 3MP / 1080p and below
- ✓ 1 × SATA interface, up to 8 TB per disk
- ✓ 8 PoE ports — 30 W per port / 75 W total (802.3at / 802.3af)
- ✓ Smart Intrusion Prevention + UMD — total 8 channels
- ✓ 8-ch playback — liveview 1/4/6/8/9, corridor 3/4/5/7/9
- ✓ Alarms — motion, tampering, human body, video loss, audio
- ✓ Alerts — IP conflict, disk abnormal, illegal access, disk full
- ✓ Compact 1U chassis — 260 × 240 × 47 mm, ≤ 1 kg (without HDD)

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OUR OFFICE

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TECHNICAL SPECIFICATIONS 1 / 2

Model		IDS-NVR4K08CP — 8-Channel PoE Network Video Recorder, 4K HDMI Output
VIDEO / AUDIO INPUT		
IP Video Input		8-ch
Two-way Audio Input		1-ch, RCA
NETWORK		
Incoming Bandwidth		80 Mbps
Outgoing Bandwidth		64 Mbps
Remote Users		128
Protocols		TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Browser		IE (IE10/11) for Windows; Firefox 52.0+; Chrome 45+; Edge 79+ (Windows)
VIDEO / AUDIO OUTPUT		
HDMI / VGA Output		HDMI: 3840×2160/30 Hz, 1920×1080p/60 Hz, 1920×1080p/50 Hz, 1600×1200/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1024×768/60 Hz VGA: 1920×1080p/60 Hz, 1920×1080p/50 Hz, 1600×1200/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1024×768/60 Hz
Recording Resolution		4K / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Audio Output		1-ch, RCA
Audio Compression		G.711A, G.711U
RECORDING & PLAYBACK		
Synchronous Playback		8-ch
Liveview Display		1 / 4 / 6 / 8 / 9
Corridor Mode Screen		3 / 4 / 5 / 7 / 9
Snapshot		FTP / schedule / event — 4-ch snapshot, up to D1 resolution
ALARM		
General Alarm		Motion, tampering, human body detection, video loss, alarm input, audio detection
Alert Alarm		IP conflict, network disconnected, disk offline, disk abnormal, illegal access, hard disk space low, hard disk full, recording / snapshot abnormal
EXTERNAL INTERFACE		
Network Interface		1 × RJ45 10M/100M self-adaptive Ethernet interface
USB Interface		Rear panel: 1 × USB 2.0, 1 × USB 3.0

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TECHNICAL SPECIFICATIONS 2 / 2

DECODING	
Decoding Format	Ultra 265 / H.265 / H.264
Liveview / Playback	4K / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Capability	2 × 4K@30, 3 × 5MP@30, 4 × 4MP@30, 5 × 3MP@30, 8 × 1080p@30
HARD DISK	
SATA	1 × SATA interface
Capacity	Up to 8 TB for each disk (maximum capacity varies with environment temperature)
SMART (VCA)	
VCA Detection by Camera	Intrusion detection, cross line detection, enter area, leave area, defocus detection, scene change detection, object left behind, object removed, auto tracking, Ultra Motion Detection (UMD)
VCA Search	Behavior search; people counting — people flow counting, crowd density monitoring
Smart Intrusion Prevention	SIP + UMD by camera, total 8-ch
POE	
PoE Interface	8 × RJ45 10M/100M self-adaptive Ethernet interface
Max Power	Max 30 W for single port, max 75 W in total
Supported Standard	IEEE 802.3at, IEEE 802.3af
GENERAL	
Power Supply	52 V DC
Power Consumption	≤ 8 W (without HDD)
Working Environment	-10 °C ~ +55 °C (+14 °F ~ +131 °F), humidity ≤ 90% RH (non-condensing)
Dimensions (W × D × H)	260 mm × 240 mm × 47 mm (10.2" × 9.4" × 1.9")
Weight (without HDD)	≤ 1 kg (2.20 lb)

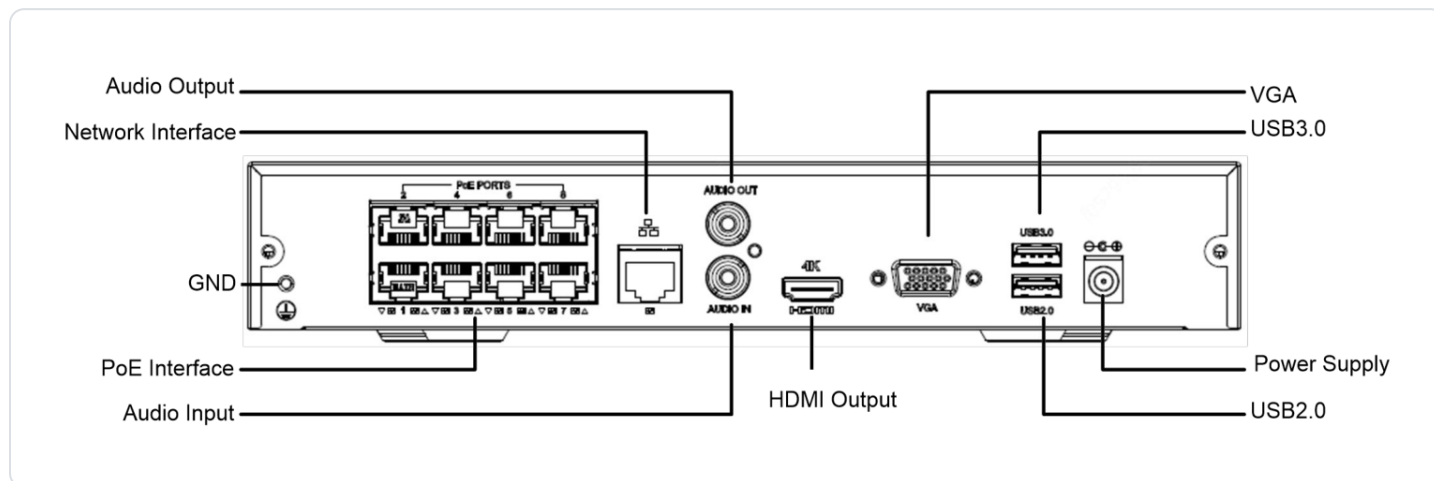
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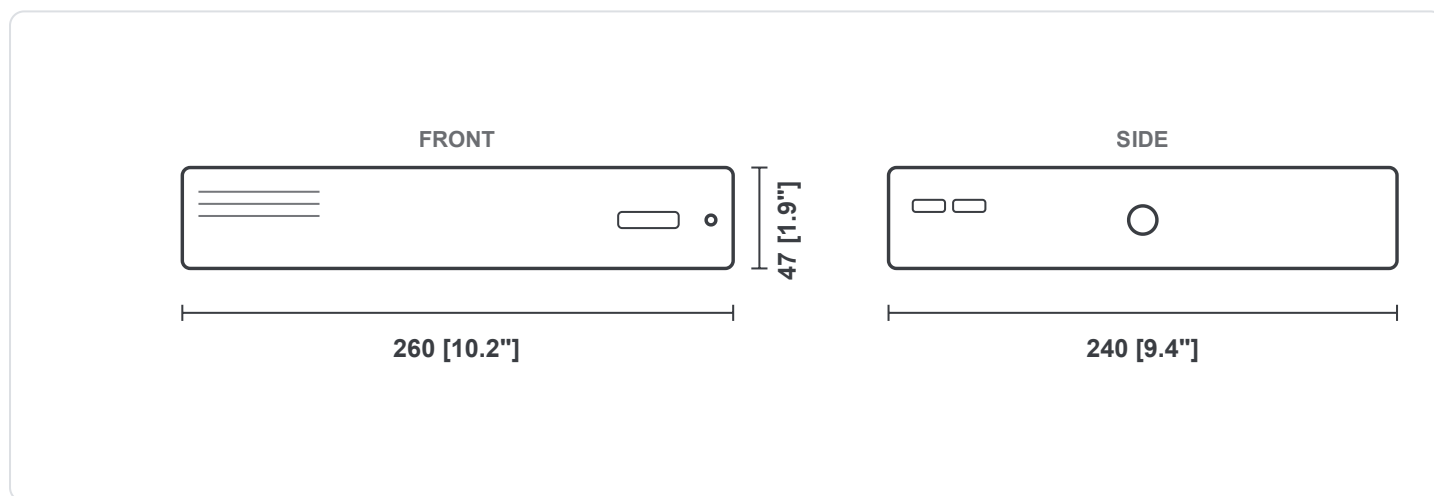
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REAR PANEL



Rear panel: 8 × PoE RJ45 · 1 × LAN RJ45 · audio in / out (RCA) · 4K HDMI · VGA · USB 3.0 + USB 2.0 · GND · DC 52 V power input.

DIMENSIONS



All dimensions in millimeters (inches in brackets). Chassis W × D × H: 260 × 240 × 47 mm — compact 1U form factor.

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PRODUCT DATA SHEET



WHY IDS CCTV



Reliable Security

Enterprise-grade 1U recorder with full alarm coverage — disk, network and recording faults monitored 24/7.



Smart Detection

Turns connected cameras into one intelligent system — VCA search, behavior analysis and people counting across all 8 channels.



Powered Performance

4K HDMI output, Ultra 265 efficiency and 8-port PoE (75 W total) — power and record an entire site from one box.

Need a quote or a demo unit?

Our team responds within one business day.

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