

KX-A8108WN

8 Channel Compact 1U 1HDD Network Video Recorder

Design and specifications are subject to change without notice. Pictures in the document are for reference only, and the actual product shall prevail.



- New 4.0 user interface.
- One-click wireless pairing to IPCs.
- Automatic pairing to IPC in 120 s after boot-up under undisturbed conditions.
- Automatic cascading of IPCs for long-distance surveillance.
- 4-ch@1080P (25FPS), self-adaptive decoding capability.
- Supports mainstream cameras of ONVIF protocol.
- Smart H.265/Smart H.264
- VGA/HDMI simultaneous video output, maximum resolution of HDMI is 1080P.
- Remote configuration and management of IPCs, such as setting parameters, acquiring information, and upgrading IPCs of the same model in batches.
- DHCP (Dynamic Host Configuration Protocol), HTTP (Hypertext Transfer Protocol), NTP (Network Time Protocol) and DDNS (Dynamic Domain Name System).

System	
Main Processor	Industrial-grade embedded processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI
Audio and Video	
Access Channel	8 channels
Network Bandwidth	Wired mode: 40 Mbps incoming, 40 Mbps recording and 20 Mbps outgoing Wireless mode: 16 Mbps incoming, 16 Mbps recording
Resolution	6 MP; 5 MP; 4 MP; 3 MP; 2 MP; 720p; D1
Decoding Capability	1-channel 6 MP@25 fps; 1-channel 5 MP@25 fps; 2-channel 4 MP@25 fps; 2-channel 3 MP@25 fps; 4-channel 1080p@25 fps
Video Output	1 × VGA, 1 × HDMI (simultaneous)
Multi-screen Display	1, 4, 8, 9 views
Third-party Camera Access	Onvif
Compression Standard	
Video Compression	Smart H.265; H.265; Smart H.264; H.264; MJPEG
Audio Compression	PCM; G711A; G711U; G726
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; NTP; DHCP; DNS; Alarm Server; P2P
Mobile Phone Access	Android; iOS
Interoperability	ONVIF (profile T/S/G); CGI; SDK
Browser	Chrome; IE 9 or later; Firefox
Recording Playback	
Multi-channel Playback	Up to 8 channels
Record Mode	Manual record; alarm record; motion detection record; schedule record
Storage Method	Local HDD and network
Backup Method	USB device

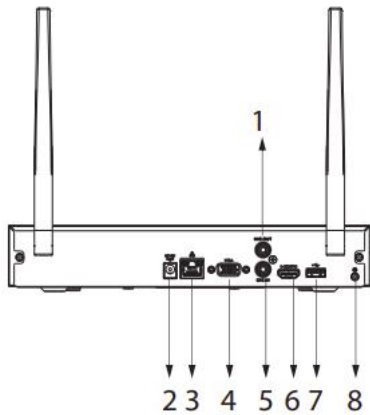
Playback Mode	Instant playback, general playback, event playback, tag playback, smart playback (motion detection)
Alarm	
General Alarm	Motion detection; privacy masking; video loss; PIR alarm
Anomaly Alarm	Camera offline; storage error; disk full; IP conflict; MAC conflict; login lock; cyber security exception
Alarm Linkage	Recording; snapshot; buzzer; log; preset; tour
Port	
Audio Input	1
Audio Output	1
HDD Interface	1 SATA port, up to 16 TB. The maximum HDD capacity varies with environment temperature
USB	1 front USB 2.0 port, 1 rear USB 2.0 port
HDMI	1
VGA	1
Network Port	1 × RJ-45, 10/100 Mbps self-adaptive Ethernet port
General	
Power Supply	12 VDC, 1.5 A
Power Consumption	Total output of NVR is ≤ 10 W (without HDD)
Net Weight	0.824 kg (1.82 lb)
Gross Weight	1.56 kg (3.44 lb)
Product Dimensions	260.3 mm × 247.3 mm × 44.7 mm (10.25" × 9.74" × 1.76") (W × L × H)
Packaging Dimensions	372 mm × 117 mm × 308 mm (14.65" × 4.61" × 12.13") (W × L × H)
Operating Temperature	-10 °C to + 45 °C (+ 14 °F to +113 °F)
Operating Humidity	10%–93% (RH)
Installation	Rack or desktop

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Panels



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|----------------------------|---------------|
| 1 AUDIO OUT, RCA Connector | 2 Power Input |
| 3 Network Port | 4 VGA Port |
| 5 AUDIO IN, RCA Connector | 6 HDMI Port |
| 7 USB Port | 8 Ground |