

KX-A4K8116N2

16 Channel Compact 1U 1HDD NVR

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



- Smart H.265+/H.265/Smart H.264+/H.264 decoding format
- Max. decoding capability: 6 × 1080p@30 fps. Supports adaptive decoding
- AI by camera: perimeter protection, and SMD Plus
- Connected to the third-party network cameras
- Security baseline 2.1

System	
Main Processor	Industrial-grade embedded processor
Operating System	Embedded Linux
Operating Interface	Web; Local GUI
AI	
AI by Camera	Perimeter protection; SMD Plus
Perimeter Protection	
Perimeter Performance of AI by Camera (Number of Channels)	4
SMD Plus	
SMD Plus by Camera	4-channel SMD Plus (AI by camera), secondary filtering for human and motor vehicle SMD Plus, reducing false alarms caused by leaves, rain and lighting condition change
Audio and Video	
Access Channel	16 channels
Network Bandwidth	Access: 80 Mbps; Storage: 80 Mbps; Forward: 60 Mbps
Resolution	12MP; 8MP; 5MP; 4MP; 3MP; 2MP; 720p; D1
Decoding Capability	1-channel 12MP@30 fps; 1-channel 8MP@30 fps; 2-channel 5MP@30 fps; 3-channel 4MP@30 fps; 6-channel 1080p@30 fps
Video Output	1 × VGA, 1 × HDMI (simultaneous)
Multi-screen Display	1, 4, 8, 9, 16 views
Third-party Camera Access	Onvif
Compression Standard	
Video Compression	Smart H.265; H.265; Smart H.264; H.264
Audio Compression	PCM; G711A; G711U; G726
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4; RTSP; UDP; NTP; DHCP; DNS; SMTP; UPnP; IP Filter; DDNS; Alarm Server; IP Search (Supports KBVISION IP camera, DVR, NVS, etc.); 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 16 channels

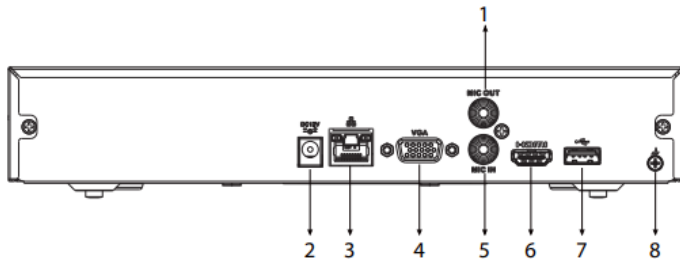
Record Mode	Manual record; alarm record; motion detection record; schedule record
Storage Method	Local HDD and network
Backup Method	USB device
Playback Function	1. Play; pause; stop; fast forward; fast backward; rewind; play by frame 2. Full screen; backup (video clip/file); partially zoom in; audio on/off
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
Intelligent Alarm	Perimeter protection; SMD Plus
Alarm Linkage	Recording; snapshot; buzzer; log; preset; email; 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, 10/100Mbps 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	0.81 kg (1.79 lb)
Gross Weight	1.33 kg (2.93 lb)
Product Dimensions	260 mm × 232.7 mm × 47.6 mm (10.24" × 9.16" × 1.87") (W × L × H)
Packaging Dimensions	89 mm × 333 mm × 315 mm (3.50" × 13.11" × 12.40") (W × L × H)
Operating Temperature	-10 °C to +55 °C (-14 °F to +131 °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 |