

# KX-A8128N2

## 8 Channel Compact 1U Lite H.265 NVR

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
- P2P remote surveillance, video play on mobile device
- 4-ch@1080P(30FPS), self-adaptive decoding capability
- Support for mainstream cameras of ONVIF and RTSP protocol
- Smart H.265+/Smart H.264+/H.265/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
Operation Interface	Web/operating in local GUI
Video	
Access Channel	8 channels
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding.
Resolution	8M/5M/4M/3M/1080P/720P/D1/CIF
Decoding Capability	1-ch@8MP (30FPS) or 1-ch@5MP (30FPS) or 2-ch@4MP (30FPS) or 2-ch@3MP (30FPS) or 4-ch@1080P (30FPS) or 8-ch@720P (30FPS)
Video Output	1 VGA/1 HDMI simultaneous video output by default, the maximum resolution 1080P
Multi-screen Display	1/4/8/9
Third Party Camera Access	Onvif, RTSP
Compression	
Video	H.264/.H265/Smart H.264+/Smart H.265+
Audio	PCM/G711A/G711U/G726/AAC
Network	
Network Protocol	HTTP, HTTPS, TCP/IP, IPv4, IPv6, RTSP, UDP, NTP, DHCP, DNS, P2P
Mobile Phone Access	Android, iOS (KBView, KBView Plus)
Interoperability	ONVIF (profile T/profile S/profile G), CGI, SDK
Browser	Chrome, IE9 or above, Firefox
Record Playback	
Multi-channel Playback	Up to 8 channels playback
Record Mode	Priority of record mode: Manual recording > alarm recording > motion detection recording > timed recording
Storage	Local HDD and network
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
Alarm	
General Alarm	Motion detection, privacy masking, video loss, PIR alarm, IPC alarm
Anomaly Alarm	Front-end device going offline, storage error, full storage, IP conflict, MAC conflict, login lock, network security anomaly
Alarm Linkage	Video recording, snapshot, log, preset, tour
External Port	
HDD	1 SATA port, up to 8 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	1 RJ-45 port (10/100 Mbps)
RCA Input	1
RCA Output	1
General Parameter	
Power Supply	DC12V, 1.5A
Power Consumption	Total output of NVR is ≤ 10W (without HDD)
Net Weight	0.81 kg (1.79 lb)
Gross weight	1.38 kg (3.04 lb)
Product Dimensions	260 mm×225 mm×47.6 mm (W × L × H)
Package Dimensions	87 mm×331 mm×312 mm (W × L × H)
Operating Temperature	-10°C to 45°C (+34°F to +113°F)
Storage Temperature	0°C to 40°C (+32°F to +104°F)
Operating Humidity	10%–93%
Storage Humidity	30%–85%
Operating Altitude	3000 m (9843 ft)
Installation	Desktop mounting