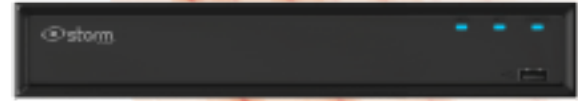


INS4414KN

4 Channel 4K Network Video Recorder

Network Recorder

- H.265+/H.265 dual-stream video compression
- 4K Resolution using the HDMI port
- Decodes up to 4 × 1080p at 30fps. Supports adaptive decoding
- Supports mainstream cameras of ONVIF and RTSP protocols
- AI Analytics: Facial recognition, area protector and more
- Remote surveillance, live view and video play on mobile phone App



STORM Application

The STORM app is available on the iOS App Store and Google Play. It allows you to remotely access back-end devices, view live video, receive event push notifications, and search for recorded videos from an iPhone, iPad, or Android phone at anytime from virtually anywhere.

Smart H.265+ & H.264+

STORM smart encoding technology can provide high-quality video with higher efficiency and can also reduce the cost of storage space and transmission adopting an advanced algorithm of auto stream control.

Unify your Security Solution

Due to its cost-effective and easy-to-install design, this NVR is ideal for a wide range of applications



*Design and specifications are subjects to change without notice.



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Product Specifications

4 Channel 4K Network Video Recorder

System	
Main Processor	Industrial-grade embedded processor
Operating System	Embedded LINUX
Operation Interface	Web/operating in local GUI
Area Protector	
Performance	4 channels
AI Search	Search for pictures by channel, time and event type
Face Recognition	
Performance	4 channels
Facial Attributes	6 attributes: Gender, age, glasses, expression, mask, and beard
AI Search	Search for pictures by channel, time and face attributes
Smart Motion Detection	
Performance	4 channels
AI Search	Search by target classification (Human, vehicles)
Video	
Channels	4 channels
Network Bandwidth	80 Mbps for access, 80 Mbps for storage and 60 Mbps for forwarding
Resolution	8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1
Decoding Capability	1-channel 8MP at 30fps 4-channel 1080p at 30fps
Video Output	1 VGA / 1 HDMI simultaneous video output by default, the maximum resolution of HDMI is 4K
Multi-screen Display	1 / 4
Third Party Camera Access	ONVIF, RTSP
Compression	
Video	H.265+; H.264+; H.265; H.264; MJPEG
Audio	PCM; G.711A; G.711U; G.726; AAC
Network	
Network Protocol	HTTP; HTTPS; TCP/IP; IPv4/IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; IP Filter; DDNS; FTP; Alarm Server; IP Search (Supports STORM IP camera; DVR; NVS; etc.); P2P; auto register
Mobile Phone Access	Android; iOS
Interoperability	CGI, SDK

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Product Specifications

4 Channel 4K Network Video Recorder

Recording	
Multi-channel Playback	Up to 4 channels playback
Record Mode	Manual record; alarm recording; Smart Motion Detection recording; smart recording
Backup	USB device
Storage	Local HDD; Network
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	Motion detection; privacy masking; video loss; local alarm
Anomaly	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
Smart Alarm	Face detection; Area Protection (Intrusion and tripwire); people counting; heat map; Smart motion Detection
Rear Panel	
RCA Input	1
RCA Output	1
HDD	1 SATA III port, up to 10 TB for a single HDD. The maximum HDD capacity varies with environment temperature
Network	1 RJ-45 port (10/100 Mbps)
USB	1 front USB 2.0 port, 1 rear USB 2.0 port
HDMI	1 (supports up to 4K resolution output)
VGA	1
PoE	4
General	
Power Supply	48 V/53 VDC, 1.25 A/1.13 A
Power Consumption	Less than 10 W (HDD not included, idling) Total output power of PoE is 36W, the maximum output power of a single port is 25.5W
Weight	4.10 lbs (1.86kg)
Dimensions	260 mm × 232.3 mm × 50.3 mm (10.24" × 9.14" × 1.98") (W × L × H)
Operating Temperature	-10°C to +55°C (+14°F to +131°F); 10%–93% (RH)
Operating Altitude	3,000 m (9,843 ft)

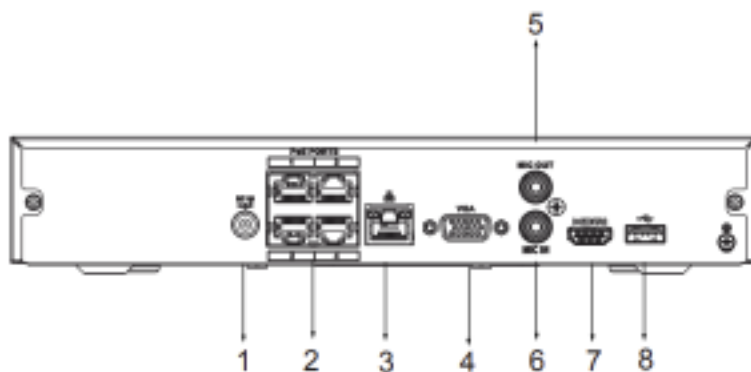
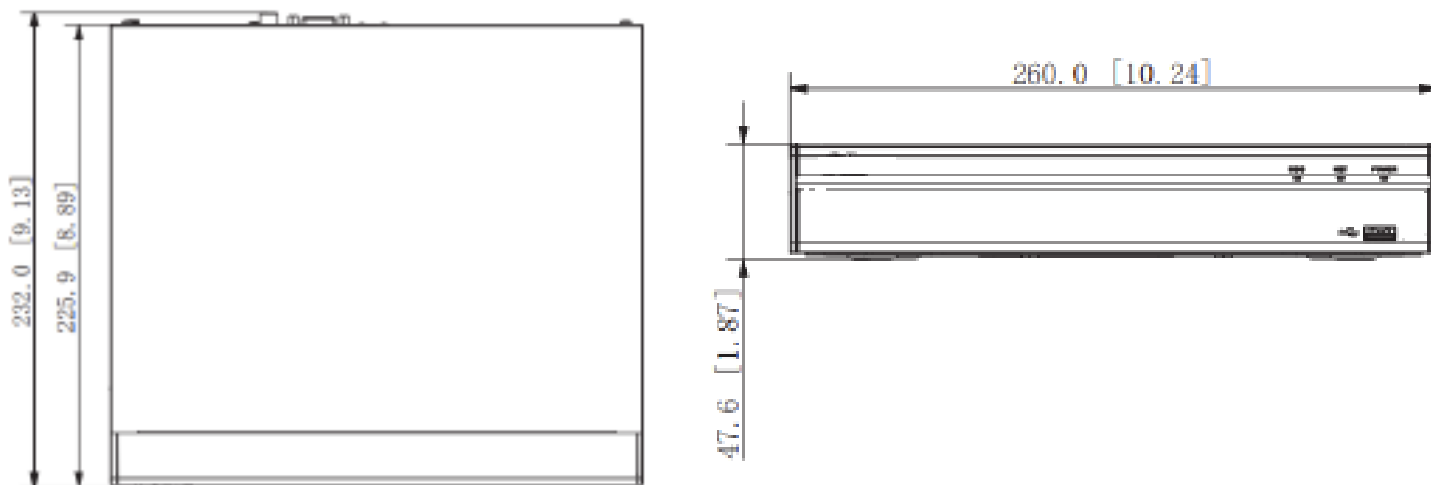
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Product Specifications

4 Channel 4K Network Video Recorder



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

*Design and specifications are subjects to change without notice.

