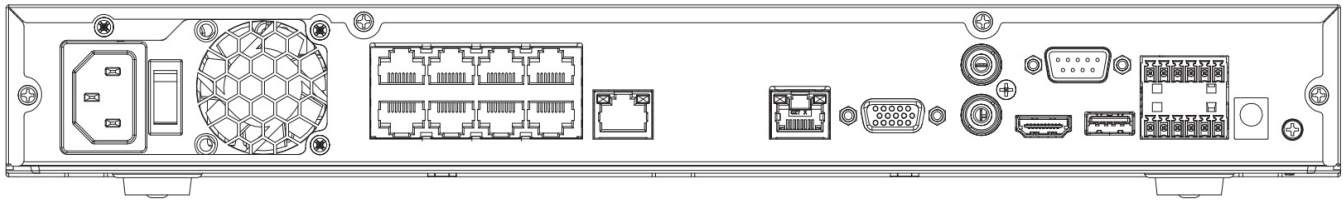![inaxsys logo]

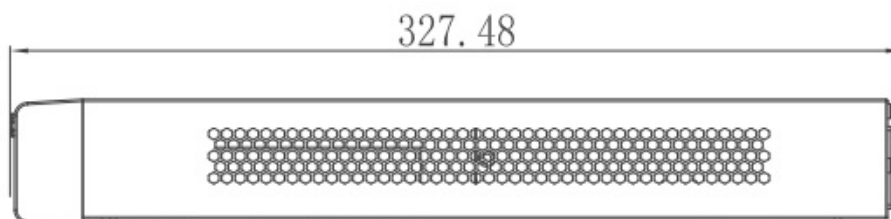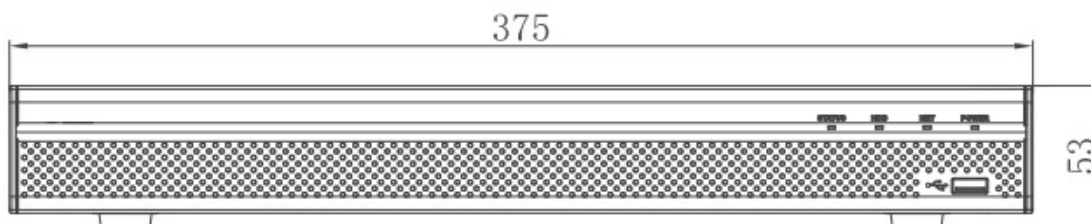# 16 Channel 1U 4K H.265 Network Video Recorder

- Smart H.265+/ H.265/ Smart H.264+/ H.264/ MJPEG
- Max 320Mbps Incoming Bandwidth
- Up to 12MP Resolution for Preview and Playback
- HDMI/ VGA simultaneous video output
- 3D intelligent positioning with Storm PTZ camera

System Connection

Dimensions

Technical Specifications

System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Video & Audio	
IP Camera Inputs	16 Channels
Two-way Audio	1 channel input, 1 channel output, RCA
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840 × 2160 , 1920 × 1080 , 1280 × 1024, 1280 × 720 , 1024 × 768
Multi-screen display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Recording	
Compression	Smart H.265+ / H.265 / Smart H.264+ / H.264 / MJPEG
Resolution	12MP/ 8MP/ 6MP/ 5MP/ 4MP/ 3MP/ 1080P/ 720P/ D1 & etc.
Recording Rate	320Mbps
Bit Rate	16Kbps - 20Mbps per channel
Recording Mode	Manual, Schedule (Regular, MD, Alarm, IVS), Stop
Recording Interval	1 - 120 min (60 min by default), Pre-record: 1 - 30 sec, Post-record: 10 - 300 sec
Video Detection & Alarm	
Trigger Events	Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm Inputs	4 channels, Low Level Effective, Green Terminal Interface
Relay Outputs	2 channels, NO/NC Programmable, Green Terminal Interface
Playback & Backup	
Sync Playback	1/4/9/16
Search Mode	Time / Date, Alarm, MD and Exact Search (accurate to second)
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom
Backup Mode	USB Device/ Network

Technical Specifications

Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet port	1 Independent 1000Mbps Ethernet Port
PoE	8 ports (IEEE802.3at/af) ; Max 25.5W for single port, 130W in total
Network Functions	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search (Support STORM IP camera, DVR, NVS and etc.)
Maximum user access	128 users
Smart Phone	iPhone, iPad, Android
Storage	
Internal HDD	2 SATA III Ports, Up to 8 TB capacity for each HDD
Auxiliary Interface	
USB	2 USB Ports (1 USB 2.0 (front), 1 USB 3.0 (rear))
RS232	1 Port, for PC Communication and Keyboard
General	
Power Supply	Single, AC 100 - 240V, 50/60 Hz
Power Consumption	More than 14.5W (without HDD)
Working Environment	-10°C to 55°C (14°F to 131°F), 86 - 106kpa
Dimension (W×D×H)	1U, 375mm x 327.5mm x 53mm ; (14.8" x 12.9" x 2.1")
Weight	2.6kg (5.7 lb) (without HDD)

8 Channel 1U Network Video Recorder with 8 PoE Model Numbers :

INS8824KN: 8 channels with no TB of storage
INS8824KN2T: 8 channels with **2TB** of storage
INS8824KN4T: 8 channels with **4TB** of storage
INS8824KN6T: 8 channels with **6TB** of storage
INS8824KN8T: 8 channels with **8TB** of storage
INS8824KN10T: 8 channels with**10TB** of storage
INS8824KN12T: 8 channels with **12TB** of storage
INS8824KN14T: 8 channels with **14TB** of storage
INS8824KN16T: 8 channels with **16TB** of storage