

16-Channel 1U 16*PoE 4K & H.265 Lite Network Video Recorder

- H.265/H.264 Codec Decoding
- Maximum 200Mbps Incoming Bandwidth
- Up to 8MP Resolution for Preview and Playback
- HDMI and VGA Simultaneous Video Outputs
- Supports UPnP IP cameras, 16PoE Ports
- Support ANR Technology to Enhance the Storage Reliability when the Network Break Down



System Connection

Technical Specifications

System	
Main Processor	Quad-core embedded processor
Operating System	Embedded LINUX
Display	
Interface	1 HDMI, 1 VGA
Resolution	3840x2160, 1920x1080, 1280x1024, 1280x720, 1024x768
Multi-screen Display	1/4/8/9/16
OSD	Camera title, Time, Video loss, Camera lock, Motion detection, Recording
Video Detection and Alarm	
Trigger Events	Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips
Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering
Alarm input	4 Channel, Low Level Effective, Green Terminal Interface
Relay Output	2 Channel, NO/NC Programmable, Green Terminal Interface
Playback and Backup	
Playback	1/4/8/16
Search Mode	Time /Date, MD and Exact Search (accurate to second), Smart search
Playback Function	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
Storage	
Internal HDD	2 SATA III Port, Up to 6 TB capacity for each HDD
HDD Mode	Single
eSATA	N/A
Auxiliary Interface	
USB	2 USB Ports (1 USB2.0, 1 USB3.0)
RS232	N/A
RS485	N/A
Third-party Support	
Third-party Support	Dahua, Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynacolor, Honeywell, Panasonic, Pelco, Samsung, Sanyo, Sony, Videotec, Vivotek, and more

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Technical Specifications

Audio and Video	
IP Camera Input	16 Channel
Two-way Talk	1 Channel Input, 1 Channel Output, RCA
Recording	
Compression	H.265/H.264
Resolution	8Mp/ 6Mp/ 5MP/ 4MP/ 3MP/ 1080P/ 1.3MP/ 720P
Record Rate	200Mbps
Bit Rate	16Kbps ~ 20Mbps Per Channel
Record Mode	Manual, Schedule (Regular, Continuous), MD (Video detection: Motion Detection, Video Loss, Tampering), Alarm, Stop
Record Interval	1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec
Network	
Interface	1 RJ-45 Port (10/100/1000Mbps)
Ethernet Port	1 Independent 1000Mbps Ethernet Port
PoE	16 ports (IEEE802.3at/af)
Network Function	HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, IP Search (Support Storm IP camera, DVR, NVS, etc.), Easy4ip
Max. User Access	128 users
Interoperability	ONVIF 2.4, CGI Conformant
General	
Power Supply	AC100V ~ 240V, 50 ~ 60 Hz
Power Consumption	NVR: <13.2W (Without HDD)
	PoE: Max 25.5w for single port, 130w in total
Working Environment	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Weight	2.7kg (6.0 lb) (without HDD)
Dimensions	1U, 375mm×327.5mm×53mm (14.8" x 12.9" x 2.1")

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16-Channel 1U Network Video Recorder with 16 PoE Model Numbers :

INS16162N: 16 channels with no **TB** of storage

INS16162N2T: 16 channels with **2TB** of storage

INS16162N4T: 16 channels with **4TB** of storage

INS16162N6T: 16 channels with **6TB** of storage

INS16162N8T: 16 channels with **8TB** of storage

INS16162N10T: 16 channels with **10TB** of storage

INS16162N12T: 16 channels with **12TB** of storage

INS16162N14T: 16 channels with **14TB** of storage

INS16162N16T: 16 channels with **16TB** of storage

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