M-NVR-16CH-16POE
16ch Network Video Recorder with 16-port PoE

Overview

- Support H.265/H.264 video formats
- Support cloud Firmware upgrade
- NDAA Compliant
- 16-channel input
- Plug & play with 16 independent PoE network interfaces
- Support HDMI and VGA simultaneous output
- 2 SATA HDDs, up to 10TB for each HDD
- ANR technology to enhance the storage reliability when the network is disconnected
- Support mainstream camera of ONVIF conformance (Profile G, S, T) and RTSP protocols

Technical Specifications

Video/Audio Input	
IP Video Input	16-ch
Supported camera	advidia M-series
Two-way Audio Input	1-ch, RCA
Network	
Incoming Bandwidth	160Mbps
Outgoing Bandwidth	64Mbps
Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP
Video/Audio Output	
HDMI/VGA Output	HDMI: 4K (3840x2160)/30Hz, 1920X1080/60Hz, 1920X1080/50Hz, 1600X1200/60Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz VGA: 1920X1080/60Hz, 1920X1080/50Hz, 1280X1024/60Hz, 1280X720/60Hz, 1024X768/60Hz
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Recording Mode	Normal, Event, Manual
Audio Output	1-ch, RCA
Camera Control	Pan/Tilt, Zoom, Focus, Iris, Preset Position, Preset Patrol, Recorded Patrol, Auto Guard
Synchronous Playback	16-ch
Multiscreen Mode	Normal Mode: 1/4/6/8/9/16 Corridor Mode: 3/4/5/7/9/10/12/16 Web Client: 4/6/8/9/10/13/16

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Decoding

Decoding format	H.265/H.264
Live view/Playback	8MP/6MP/5MP/4MP/3MP/1080p/960p/720p/D1/2CIF/CIF
Capability	2 x 8MP@30fps, 4 x 4MP@30fps, 5 x 3MP@30fps, 8 x 1080P@30fps, 16 x 720P@30fps
SATA	2 SATA interfaces
Capacity	Up to 10TB for each disk

Snapshot

FTP/Schedule/Event Snapshot:	4-ch snapshot, up to D1 resolution

Video Analytics

VCA Detection by Camera	Motion detection, Tampering detection, Intrusion detection, Cross line detection, Audio detection, Auto tracking
VCA Search	Behavior Search (Cross line, Intrusion)

External Interface

Network Interface	1x 10BASE-T / 100BASE-TX / 1000BASE-T (RJ45)
USB Interface	Front panel: 1 x USB2.0, Rear panel: 1 x USB3.0
Alarm In	4-ch
Alarm Out	1-ch

PoE

Interface	16 x RJ-45 10M/100M self-adaptive Ethernet Interface
Maximum power	Max 30W for single port Max 240W in total
Supported Standard	IEEE 802.3af, IEEE 802.3at

General

Safety:	CE: EN 62368-1:2014+A11:2017
EMC:	FCC: FCC Part 15 CE-EMC: EN 55032/ EN 55035/ EN IEC 61000-3-2/ EN 61000-3-3
Power Supply	100 ~ 240 V AC Power Consumption: ≤10 W (without HDD)
Working Environment	-10°C~+ 55°C (+14°F~+131°F), Humidity ≤ 90% RH (non-condensing)
Dimensions (W×D×H)	380mm ×315mm × 53mm (14.9" × 12.4" ×2.1")
Weight (without HDD)	≤2.6kg (5.73lb)

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Dimensions	315mm (12.4") 380mm (14.9") 53mm (2.1")
Rear Panel	Audio Output, PoE Interface, PoE PORTS, AUDIO OUT, Alarm In, Alarm Out, GND, Network Interface, Audio Input, AUDIO IN, VGA, HDMI, USB2.0, VGA, USB3.0, HDMI Output, Power Supply, Power On/Off

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