

SN4416/16P-I

16 Channel 4K Network Video Recorder



ENS SN4416/16P-I features a new logical and visualized GUI design. Dual-OS design to ensure high reliability of system running. ANR technology to enhance the storage reliability when the network is disconnected. H.265+ compression effectively reduces the storage space by up to 75%.



MODEL(S) AVAILABLE

SN4416/16P-I
SN4432/16P-I

KEY FEATURES

- ▶ H.265+/H.265/H.264+/H.264/MPEG4 video formats
- ▶ HDMI and VGA independent outputs provided
- ▶ HDMI Video output at up to 4K (3840×2160) resolution
- ▶ Recording at up to 12 MP resolution, 16 IP cameras can be connected.
- ▶ Supports multiple VCA (Video Content Analytics) events
- ▶ 16 independent PoE network interfaces are provided
- ▶ Long distance (300 m) network transmission via PoE

Product Specifications

Video/Audio Input and Output

IP Video Input	16 Channels
IP Camera Resolution	12 Megapixel
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	256 Mbps
HDMI1 Output Resolution	4K (3840×2160) / 60 Hz, 4K (3840×2160) / 30 Hz, 2K (2560×1440) / 60 Hz, 1920×1080P / 60Hz, 1600×1200 / 60 Hz, 1280 × 1024 / 60 Hz, 1280×720 / 60 Hz, 1024×768 / 60Hz
HDMI2 Output Resolution	1920×1080 / 60 Hz, 1280×1024 / 60Hz, 1280×720 / 60 Hz, 1024×768 / 60 Hz
VGA Output Resolution	2K (2560×1440) / 60 Hz, 1920×1080 / 60 Hz, 1280×1024 / 60Hz, 1280×720 / 60Hz, 1024×768 / 60 Hz, HDMI1/VGA Simultaneous Output
Audio Output	1 Channel, RCA (Linear, 1 KΩ)

Decoding

Decoding format	H.265+ / H.265 / H.264+ / H.264 / MPEG4
Recording Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / UXGA / 720P / VGA / 4CIF / DCIF / 2CIF / CIF / QCIF
Synchronous Playback	16 Channels
Capability	2 Channel(s): 12MP @ 20 fps
	4 Channel(s): 8MP @ 25 fps
	8 Channel(s): 4MP @ 30 fps
	16 Channel(s): 1080P @ 30 fps

Storage

SATA	4 SATA interface for 4 HDD
Capacity	Up to 8TB capacity for each disk
eSATA	1 eSATA interface

Network and Interface

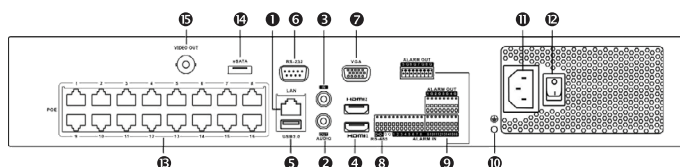
Interface	1× RJ-45 (10/100/1000 Mbps) (Self-adaptive Ethernet)
Network Protocol	TCP/IP, DHCP, HIK Cloud P2P, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Two-Way Talk	1 Channel, RCA (2.0 Vp-p, 1 kΩ)
USB	Front 2× USB 2.0
	Rear 1× USB 3.0
POE	16× PoE ports
Power	≤ 200 W
Supported Standard	IEEE 802.3 af/at
Alarm In/Out	16/4
Remote connection	128

General

Power Supply	100 ~ 240 V AC
Power Consumption	≤ 20 W, without enabling PoE
Operating Conditions	-10°C ~ 55°C (14°F ~ 131°F) / Less than 90% RH
Chassis	19-inch rack mounted 1.5U chassis
Dimensions	445×400×71 mm (17.5"×15.7"×2.8")
Weight	≤ 5 kg (11 lb), without HDD

Rear Panel

①	LAN Interfaces
②	Audio Out
③	Audio In
④	HDMI Interface
⑤	USB 3.0 Interface
⑥	RS-232 Serial Interface
⑦	VGA Output (DB9 Connector)
⑧	RS-485 Serial Interface
⑨	Controller Port, Alarm In/Out
⑩	GND
⑪	100 ~ 240 V AC Power Supply
⑫	Power Switch
⑬	Network Interfaces with PoE
⑭	eSATA Interface
⑮	Video Out



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