

SN4432/16P4S-I



Features and Functions

Professional and Reliable

- 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

Video Input and Transmission

- Up to 16/32-ch 12 MP IP cameras can be connected
- Connectable to the third-party network cameras

Compression and Recording

- H.265+ compression effectively reduces the storage space and costs by up to 75%
- Full channel recording at up to 12 MP resolution

HD Video Output

- HDMI/VGA output provided
- HDMI video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 12-ch synchronous playback at up to 1080p resolution
- Normal/Important/Custom video playback
- Important files management
- HDD health monitoring

Smart & POS Function

- Supports multiple VCA (Video Content Analytics) events
- Smart search for the selected area in the video; and smart playback to improve the playback efficiency
- POS information overlay on live view and playback
- POS triggered recording and alarm

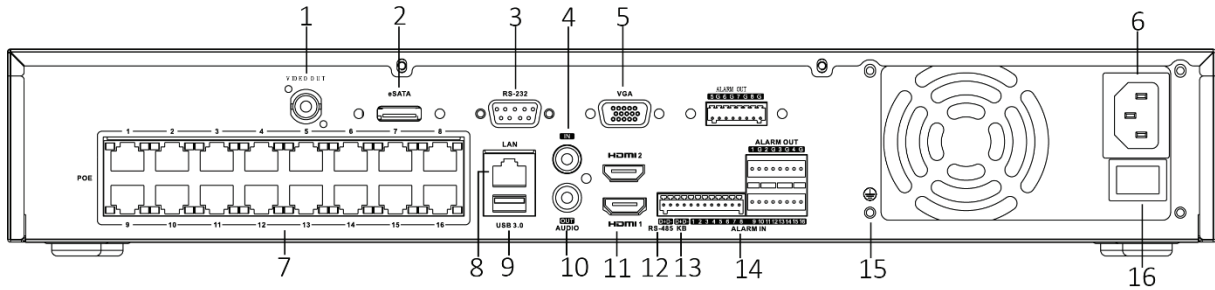
Network & Ethernet Access

- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 8/16 independent PoE network interfaces are provided

Specification

Model	SN4432/16P4S-I	
Video/Audio input	IP video input	32-ch
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Network	Incoming/Outgoing bandwidth	256 Mbps/200 Mbps
Video/Audio output	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
	HDMI/VGA resolution (as main port)	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz 4K resolution is only available for HDMI.
	HDMI/VGA resolution (as aux port)	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
	Audio output	1-ch, RCA (Linear, 1 KΩ)
Decoding	Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
	Synchronous playback	16-ch
	Capability	12-ch @ 1080p
Smart analysis	Capability	False alarm filtering for 4-ch behavior (line crossing and intrusion) detection for 2 MP, 3 MP, and 4 MP network camera
Hard disk	SATA	4 SATA interfaces for four 3.5-inch HDDs
	Capacity	Up to 8 TB capacity for each HDD
	eSATA	1 eSATA interface
External interface	Network interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
	Serial interface	RS-485 (half-duplex), RS-232, Keyboard
	USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
	Alarm in/out	16/4
PoE interface	Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
	Power	≤ 200W
	Supported standard	IEEE 802.3 af/at
General	Power supply	100 to 240 VAC
	Power	≤ 300 W
	Consumption (without HDD)	≤ 30 W
	Working temperature	-10° C to +55° C (+14° F to +131° F)
	Working humidity	10 to 90 %
	Chassis	1.5U chassis
	Dimensions (W × D × H)	445 × 400 × 71 mm (17.5" × 15.7" × 2.8")
Weight (without HDD)	≤ 5 kg (11 lb)	

Physical Interfaces



Index	Description	Index	Description
1	Video output	9	USB 3.0 interface
2	eSATA interface	10	Audio output
3	RS-232 serial interface	11	HDMI output
4	Audio input	12	RS-485 serial interface
5	VGA output	13	Keyboard interface
6	100 to 240 VAC power supply	14	Controller Port, Alarm In/Alarm Out
7	PoE interfaces	15	GND
8	Network interface	16	Power Switch