

CAM-7616H



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 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 12MP resolution

HD Video Output

- HDMI and VGA independent outputs provided
- HDMI Video output at up to 4K (3840 × 2160) resolution

Storage and Playback

- Up to 2 SATA interfaces for HDD connection
- Smart search for efficient video playback
- 8/16-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
- Supports VCA search for fire/ship/temperature/temperature difference detection triggered video files
- POS information overlay on live view and playback
- POS triggered recording and alarm

Network & Ethernet Access

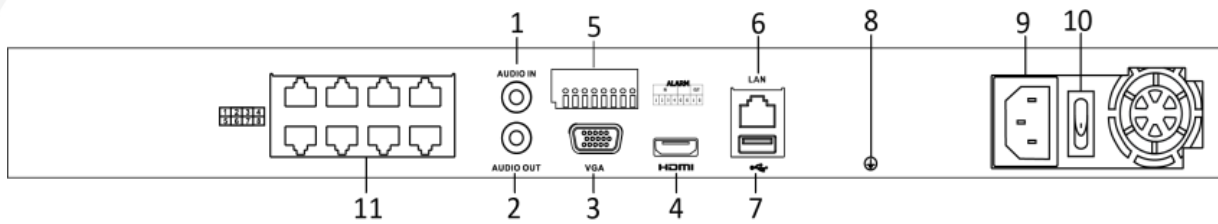
- Hik-Connect for easy network management
- Gigabit Ethernet network interface
- 8/16 independent PoE network interfaces are provided
- Long distance (100-300 m) network transmission via PoE



Specifications

Model			
Video/Audio input	IP video input		16-ch
		Up to 12 MP resolution	
	Two-way audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)	
Network	Incoming bandwidth		160 Mbps
	Outgoing bandwidth	256 Mbps	
	Remote connection		128
	Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF	
	CVBS output (Optional)	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
	HDMI output resolution	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
	VGA output resolution	1920 × 1080p/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	
	Live view/Playback resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3MP/1080p/UXGA/720p /VGA/4CIF /DCIF/2CIF/CIF/QCIF	
	Synchronous playback		16-ch
	Capability	2-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)	
Network management	Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS	
Hard disk	SATA	2 SATA interfaces	
	Capacity	Up to 8TB capacity for each HDD	
External interface	Network interface	1 RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
	USB interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0	
	Alarm in/out	4/1	
POE Interface	Interface	8 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
	Power		≤ 200 W
	Supported standard	IEEE 802.3 af/at	
General	Power supply	100 to 240 VAC, 50 to 60 Hz	
	Power		≤ 280 W
	Consumption (without hard disk)	≤15 W (without enabling PoE)	
	Working temperature	-10 to +55° C (+14 to +131° F)	
	Working humidity	10 to 90 %	
	Chassis	385 mm chassis	
	Dimensions (W × D × H)	385 × 315 × 52 mm (15.2" × 12.4" × 2.0")	
Weight (without hard disk)	≤ 3 kg (6.6 lb)		

Physical Interfaces



Index	Description	Index	Description
1	AUDIO IN	7	USB 3.0 Interface
2	AUDIO OUT	8	GND
3	VGA Output (DB9 Connector)	9	100 to 240 VAC power supply
4	HDMI Interface	10	Power Switch
5	Controller Port, Alarm In/Alarm Out	11	Network Interfaces with PoE function (8 interfaces for DS-7608NI-I2/8P and 16 interfaces for DS-7616NI-I2/16P and DS-7632NI-I2/16P.)
6	LAN Interface		

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