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Overview

Up to 16 channel IP cameras can be connected
 Supports decoding H.265+/H.265/H.264+/H.264/MPEG4 video formats
 Up to 12 MP high-definition live view, storage and playback
 Up to 256 Mbps (or 200 Mbps when RAID is enabled) high incoming bandwidth ensures IP cameras can be connected
 2 HDMI (different source) and 2 VGA (different source) interfaces
 8 HDD can be used for continuous video recording
 Compatible with third-party network cameras
 Supports some specialist cameras, including people counting camera/ANPR (automatic number plate recognition) camera/fisheye camera
 Advanced streaming technology enables smooth live view in poor network conditions
 Supports RAID 0, 1, 5, 6, 10 and N+1 hot spare for even more reliable data storage, effectively avoids data loss risks

Specification

DS-9616NI-I8 Specification	
Video And Audio	
IP video input	16-ch Up to 12 MP resolution
Video resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Incoming/outgoing bandwidth	256 Mbps or 200 Mbps (when RAID is enabled),256 Mbps, or 200 Mbps (when RAID is enabled)
VGA1 /HDMI1 output	HDMI1: 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,VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA2 /HDMI2 output	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz,2-ch, RCA (2.0Vp-p, 1 KΩ)
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Decoding	
Decoding format	H.265/H.265+/H.264/H.264+/MPEG4
Recording resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/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	
Remote connections	128
Network protocols	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Network interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Hard Disk	

SATA	8 SATA interfaces
eSATA (optional)	1 eSATA interface
Capacity	Up to 10TB capacity for each HDD
External Interface	
Alarm in/out	16/4
Serial port	RS-232; RS-485; Keyboard
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Disk Array	
RAID Type	RAID0, RAID1, RAID5, RAID6, RAID10
Number of arrays	4
General	
Power supply	100 to 240 VAC, 50 to 60 Hz 200 W
Consumption (without HDD)	≤ 30 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10 to 90 %
Dimensions (W × D × H)	445 × 470 × 90 mm (17.5" × 18.5" × 3.5")
Weight (without hard disk)	≤ 10 kg (22 lb)

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