

DS-7616NI-I2/16P(C)
16-ch 1U 16 PoE 4K NVR

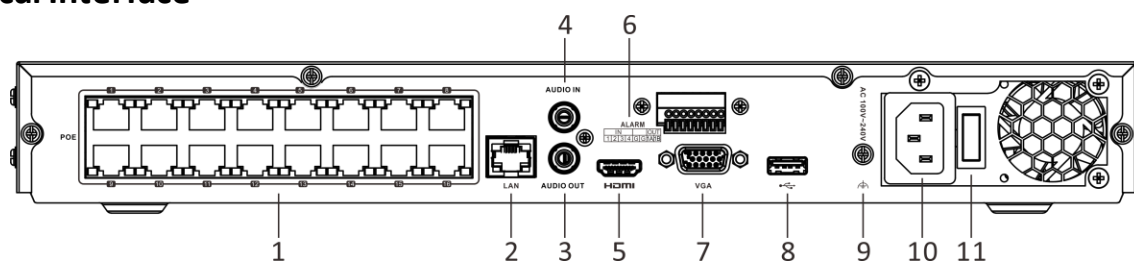
- Up to 16 channel IP cameras can be connected
- Up to 2-ch@12 MP/16-ch@1080p decoding capacity
- 1 HDMI and 1 VGA interfaces: both interfaces support independent video output
- 2 HDDs for continuous video recording
- Plug & Play with 16 Power-over-Ethernet (PoE) interfaces
- Supports various special function cameras, including thermal camera/fisheye/people counting/heatmap/ANPR (automatic number plate recognition)
- Advanced streaming technology enables smooth live view and data self-correction in poor network conditions
- Supports dual-stream recording to save time and bandwidth
- Up to 8-ch IP speakers can be connected

▪ Specification

Video and Audio	
IP Video Input	16-ch Up to 12 MP resolution
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Output	1920 × 1080/60Hz
Video Output Mode	HDMI/VGA independent output
Audio Input	1-ch, RCA (2.0 Vp-p, 1 KΩ)
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
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
Decoding Capability	2-ch@12 MP (20 fps)/4-ch@8 MP (25 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)
Dual-Stream Recording	Support
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726
Network	
Camera Access Protocol	ONVIF(Version 2.5), RTSP
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
Remote Connection	128
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 200W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 16 TB capacity for each disk
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	4/1
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Consumption	≤15 W (without enabling PoE)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	384 × 317 × 52 mm (15.2" × 12.5" × 2.0")
Weight	≤ 3 kg (6.6 lb)
Certification	
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

Obtained Certification

▪ Physical Interface

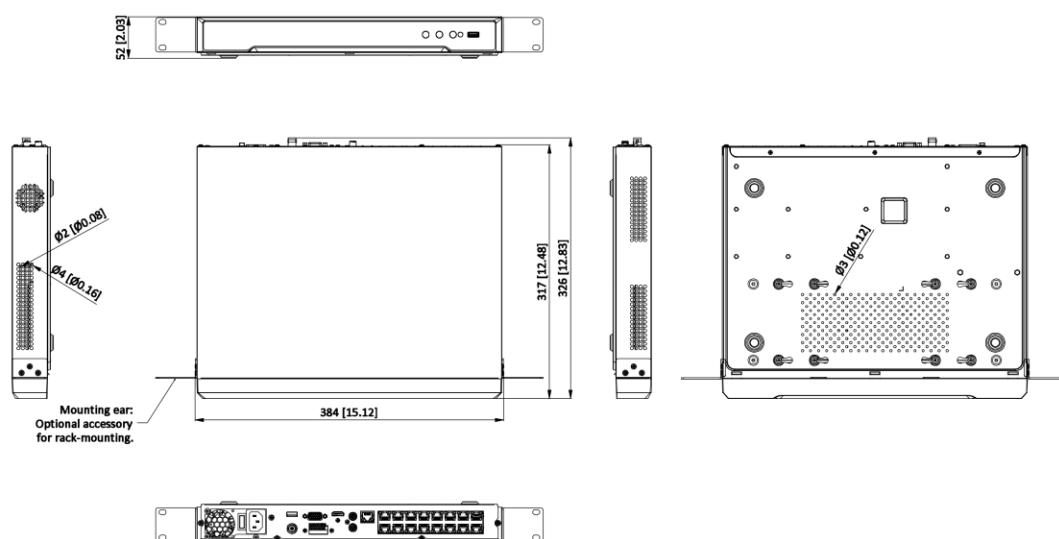


No.	Description	No.	Description
1	PoE interfaces	7	VGA output (DB9 connector)
2	LAN interface	8	USB interface
3	AUDIO OUT	9	GND
4	AUDIO IN	10	100 to 240 VAC power supply
5	HDMI interface	11	Power switch
6	ALARM IN/OUT		

▪ Available Model

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Dimension



Unit:mm [inch]

SCALE

1:1

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