

DS-7616NI-Q2/16P(E) 16-ch 1U Q Series POE NVR



- Up to 16-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@8 MP/4-ch@4 MP/8-ch@1080p decoding capacity
- Up to 160 Mbps incoming bandwidth

▪ Function

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%

HD Video Output

- Provides simultaneous HDMI and VGA outputs

- HDMI video output at up to 4K resolution

Storage and Playback

- 2 SATA interfaces for HDD connection (up to 8 TB capacity per HDD)

- Smart search/smart playback to improve the playback efficiency

Smart Function

- 4-ch Motion Detection 2.0

- Support multiple VCA (Video Content Analytics) events

- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.)

Network & Ethernet Access

- 16 independent PoE network interfaces

- 1 self-adaptive 10/100/1000 Mbps Ethernet interface

- Hik-Connect for easy network management

▪ Specification

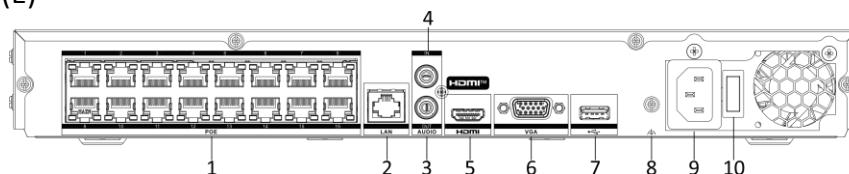
Motion Detection 2.0	
Human/Vehicle Analysis	4-ch
Video and Audio	
IP Video Input	16-ch
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (3840 × 2160)/30Hz, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; ,HDMI/VGA simultaneous output,
VGA Output	1-ch, 1920 × 1080p/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz; ,HDMI/VGA simultaneous output,
Video Output Mode	HDMI/VGA simultaneous output
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 k Ω)
Recording	
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726
Decoding	
Decoding Format	H.265+,H.265,H.264+,H.264
Recording Resolution	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	AI&4K Off: 8-ch@1080p(30fps) AI/4K On: 6-ch@1080p(30fps) *: The length or width of camera resolution (each track) cannot exceed 4096 pixels.
Network	
Remote Connection	32
Network Protocol	TCP/IP, DHCP, Hik-Connect, DNS, DDNS, NTP, SADP, SMTP, NFS, iSCSI, UPnP™, HTTPS
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤ 150W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces
Capacity	Up to 8 TB capacity for each disk
USB Interface	2 × USB 2.0
Alarm In/Out	N/A (4/1 is optional)
General	
Power Supply	AC100V~240V , 190W
Consumption	≤ 10 W (without enabling PoE)
Working Temperature	-10 to +55° C (+14 to +131° F)
Working Humidity	10 to 90 %
Dimension (W × D × H)	384 × 315 × 52 mm (15.12" × 12.38" × 2.03")
Weight	≤ 3.7 kg (8.1 lb)

Certification

CE	55032/55035/61000-3-2/61000-3-3/50130-4
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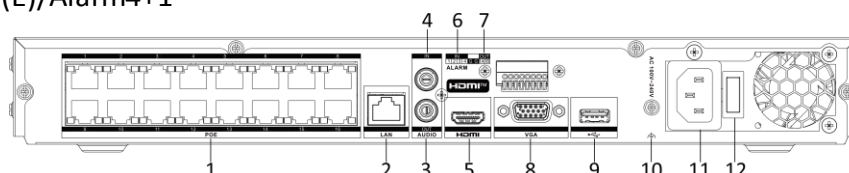
Physical Interface

DS-7616NI-Q2/16P(E)



Number	Description	Number	Description
1	PoE interfaces	6	VGA interface
2	LAN network interface	7	USB interface
3	Audio out	8	GND
4	Audio in	9	Power supply
5	HDMI interface	10	Power switch

DS-7616NI-Q2/16P(E)/Alarm4+1



Number	Description	Number	Description
1	PoE interface	7	Alarm out
2	LAN network interface	8	VGA interface
3	Audio out	9	USB interface
4	Audio in	10	GND
5	HDMI interface	11	Power supply
6	Alarm in	12	Power switch

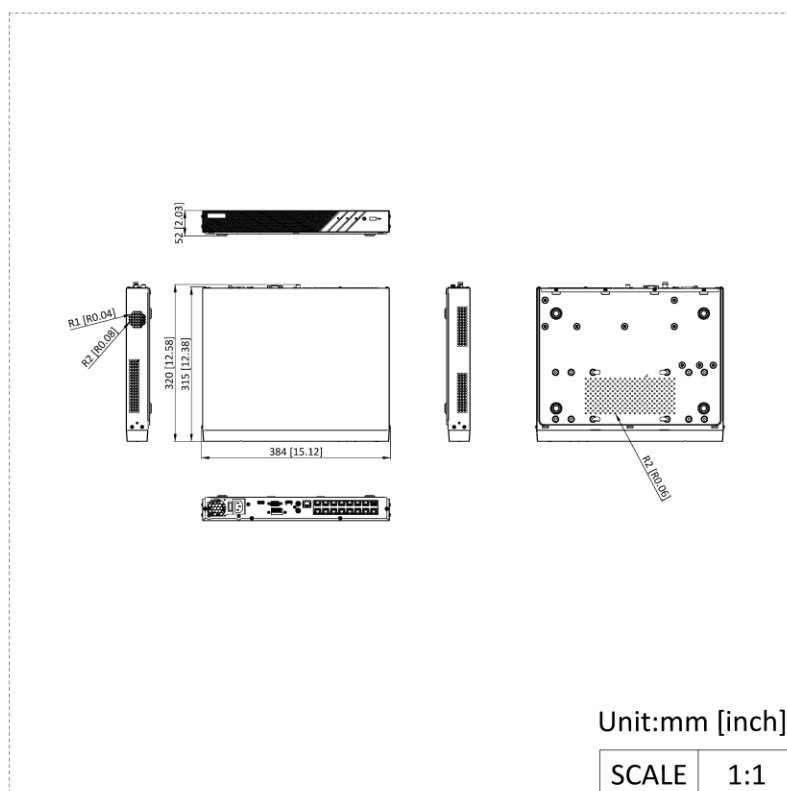
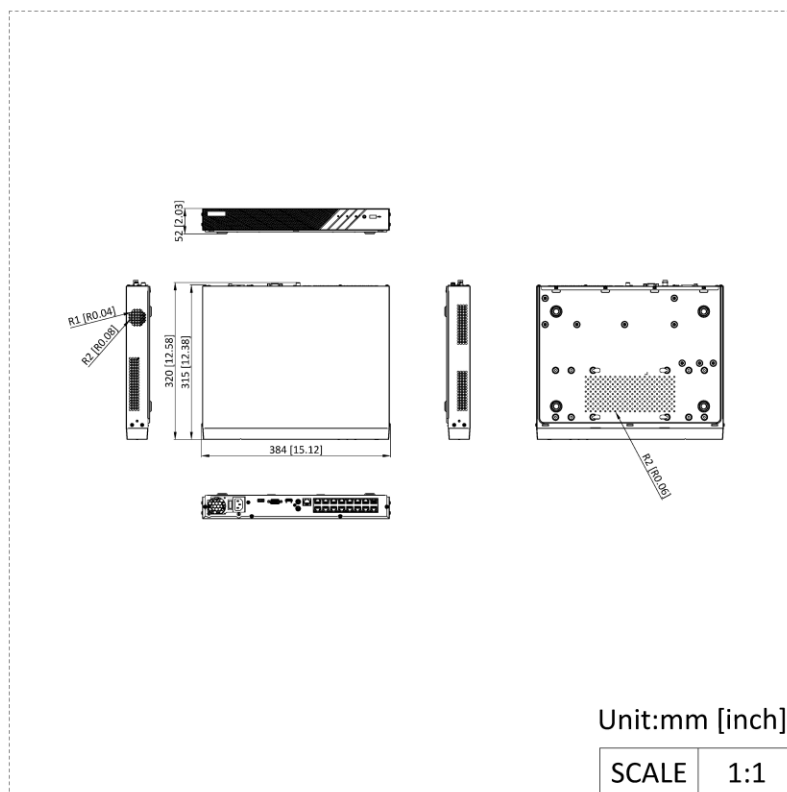
Available Model

DS-7616NI-Q2/16P(E)(STD)

DS-7616NI-Q2/16P(E)(STD)/Alarm4+1

DS-7616NI-Q2/16P(E)(NEU)

Dimension



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