DS-7700NI-I4/P(B) Series NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Up to 16/32-ch IP camera inputs
- Up to 2-ch@12 MP/16-ch@1080p decoding capacity
- Up to 160/256 Mbps incoming bandwidth

Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Dual-stream recording saves bandwidth
- Adopt stream over TLS encryption technology which provides more secure stream transmission service
- Support double verification for playback and downloading

HD Video Output

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-ch synchronous playback

Smart & POS Function

- Support multiple VCA (Video Content Analytics) events
- Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR, and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm

Network & Ethernet Access

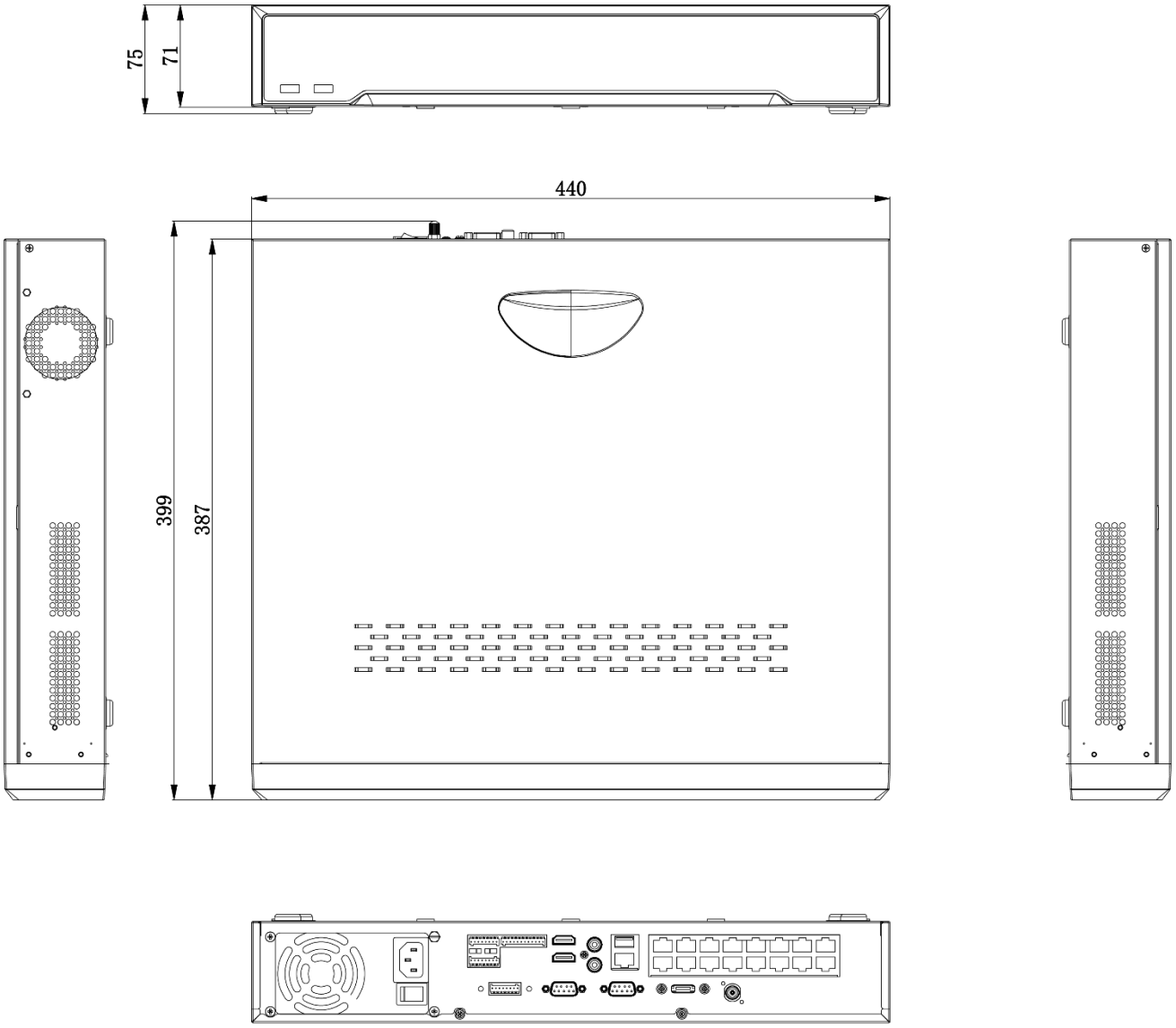
- 8/16 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management
- Smooth streaming technology
- Support web access without plug-in

Specification

Model	DS-7716NI-I4/16P(B)	DS-7732NI-I4/16P(B)
Video and Audio		
IP video input	16-ch	32-ch
	Up to 32 MP resolution *: After ultra HD resolution mode is enabled, the NVR supports up to 4-ch 32 MP/24 MP IP video inputs.	
Incoming bandwidth	160 Mbps	256 Mbps
Outgoing bandwidth	256 Mbps	
HDMI1 output	4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
HDMI2 output	1920 × 1080p/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
VGA output	1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
Video output mode	HDMI1/VGA simultaneous output, HDMI2/VGA independent output	
CVBS output	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480	
Audio output	1-ch, RCA (Linear, 1 KΩ)	
Two-way audio input	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	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: After ultra HD resolution mode is enabled, the NVR supports up to 4-ch 32 MP/24 MP IP video inputs.	
Synchronous playback	16-ch	
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		
Remote connections	128	
Network protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, 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 interface	
Power	≤ 200 W	
Supported standard	IEEE 802.3 af/at	
Auxiliary Interface		
Serial port	1 RS-485 (half-duplex), 1 RS-232	
SATA	4 SATA interfaces	
eSATA (optional)	1 eSATA interface	
Capacity	Up to 10 TB capacity for each disk	
Alarm in/out	16/4 (16/8 optional)	

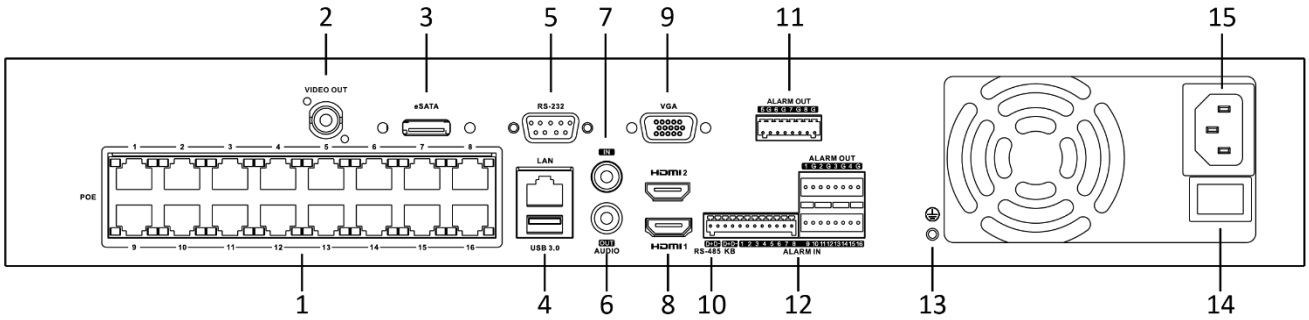
USB interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
General	
Power supply	100 to 240 VAC, 50 to 60 Hz
Consumption (without HDD and PoE off)	≤ 20 W
Working temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working humidity	10% to 90%
Chassis	19-inch rack-mounted 1.5U chassis
Dimension (W × D × H)	440 × 387 × 75 mm (17.3"× 15.2" × 3.0")
Weight (without HDD)	≤ 5 kg (11 lb)
Certification	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

Dimension



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	Network Interfaces with PoE function	9	VGA Output (DB9 Connector)
2	VIDEO OUT	10	RS-485 Serial Interface
3	eSATA Interface	11	Alarm Out (Optional)
4	USB 3.0 Interface and LAN Interface	12	Alarm In/Alarm Out
5	RS-232 Serial Interface	13	GND
6	AUDIO OUT	14	Power Switch
7	AUDIO IN	15	100 to 240 VAC Power Supply
8	HDMI Interfaces	16	

Available Model

DS-7716NI-I4/16P(B), DS-7732NI-I4/16P(B)

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