HIKVISION®

iDS-7700NXI-I4/S (C)
DeepinMind Series NVR

Key Feature

- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 16-ch perimeter protection
- Up to 16/32-ch cameras can be connected
- Up to 16-ch 1080p decoding capability

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

- 4 SATA interfaces (up to 10 TB capacity for each HDD)
- Up to 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 (Automatic Number-Plate Recognition), and people counting
- POS information overlay on live view and playback, and POS triggered recording and alarm
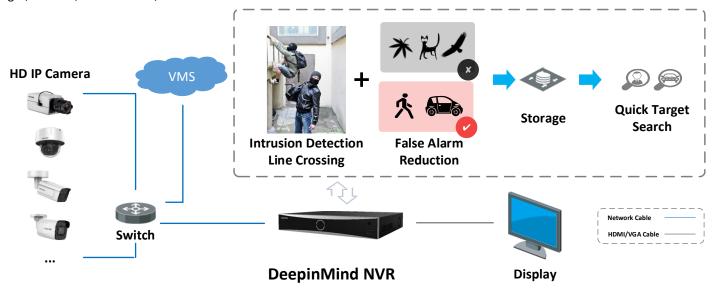
www.hikvision.com

Network & Ethernet Access

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

Typical Application

Perimeter Protection

Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.
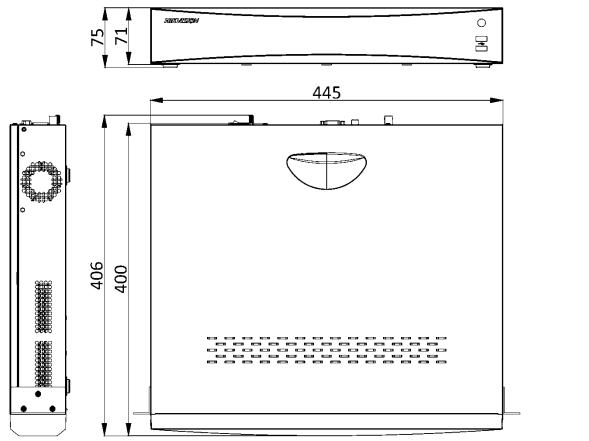
Specification

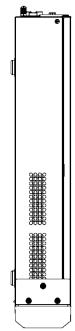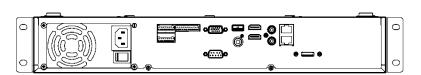| Model	iDS-7716NXI-I4/S	iDS-7732NXI-I4/S
Perimeter Protection		
Human/vehicle analysis	Up to 16-ch 4 MP (HD network camera, up to 8 MP, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm	
Video and Audio		
IP video input	16-ch	32-ch
	Up to 12 MP resolution *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	
Incoming bandwidth	320 Mbps	
Outgoing bandwidth	256 Mbps	
HDMI1 output	1-ch, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
HDMI2 output	1-ch, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz	
VGA output	1-ch, 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)	
Audio output	1-ch, RCA (Linear, 1 KΩ)	
Two-way audio input	1-ch, RCA (2.0 Vp-p, 1 KΩ)	
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 *: 32 MP and 24 MP is only available for channel 1 when ultra HD resolution mode is enabled.	
Synchronous playback	16-ch	
Capability	1-ch@32 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/MP2L2	
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	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface	
Auxiliary interface		
Serial port	RS-485 (half-duplex), RS-232, keyboard	
SATA	4 SATA interfaces	
eSATA	1 eSATA interface	
Capacity	Up to 10 TB capacity for each disk	
Alarm in/out	16/4	
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)	≤ 30 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)	445 × 400 × 75 mm (17.5"× 15.7" × 3.0")
Weight (without HDD)	≤ 5 kg (11 lb)
Certification	
Obtained Certification	CE, FCC, UL, CB, WEEE, BIS, IC, RCM, KC, LOA
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

75 71

445

406 400

scale/1:1;Unit/mm

Physical Interface

No.	Description	No.	Description
1	LAN1 and LAN2 Interfaces	8	RS-485 Serial Interface
2	AUDIO OUT	9	Controller Port, Alarm In/Alarm Out
3	AUDIO IN	10	GND
4	HDMI1 and HDMI2 Interfaces	11	100 to 240 VAC power supply
5	USB 3.0 Interface	12	Power Switch
6	RS-232 Serial Interface	13	eSATA Interface
7	VGA Output (DB9 Connector)	14	VIDEO OUT

Available Model

iDS-7716NXI-I4/S (C), iDS-7732NXI-I4/S (C)

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