

# DS-7716NXI-I4/S(E) AcuSense Series NVR















- H.265+/H.265/H.264+/H.264 video formats
- Intelligent analytics based on deep learning algorithm
- Up to 4-ch perimeter protection
- Up to 4-ch facial recognition for video stream
- Up to 8-ch facial recognition for face picture
- Up to 16-ch IP camera inputs
- Up to 32-ch 1080p decoding capability



#### Function

Compression and Recording

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

Full channel IP cameras connection

Compatible to third-party network cameras

**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

Smart search for the selected area in the video, and smart playback to improve the playback efficiency

POS information overlay on live view and playback

POS triggered recording and alarm

Network & Ethernet Access

2 self-adaptive 10/100/1000 Mbps Ethernet interfaces

Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management



### Specification

Intelligent Analytics			
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch		
Al hu Camaga	Facial recognition, perimeter protection, video structuralization, throwing objects from		
Al by Camera	building, motion detection 2.0, ANPR, people counting, VCA		
Engine	1, engine mode is adjustable		
Facial Recognition			
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search		
Face Attributes	Wearing glasses, wearing a mask, facial expression, body temperature		
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤		
	512 KB, total capacity ≤ 1 GB)		
Face Picture Comparison	9 ch		
(Captured from Camera)	8-ch		
Facial Detection and Analytics	4-ch human face capture (HD network camera, up to 2 MP, H.264/H.265)		
Performance			
AcuSearch			
By Camera	All channels , up to 172,800 targets/day		
	The camera should enable AcuSearch function		
Motion Detection 2.0			
By NVR	All channels for Hikvision cameras		
By Camera	All channels		
Perimeter Protection			
	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce		
By NVR	falsealarm;		
	Up to 12 rules in total		
By Camera	All channels		
ANPR			
By Camera	All channels		
Vehicle Attributes	Plate number, license plate color, license plate type		
Plate Attributes	Vehicle brand, vehicle color, vehicle type		
Video and Audio			
IP Video Input	16-ch		
Incoming Bandwidth	160 Mbps		
Outgoing Bandwidth	256 Mbps		
HDMI 1 Output	4K (3840×2160)/30 Hz, 2K (2560×1440)/60 Hz, 1920×1080/60 Hz		
HDMI 2 Output	4K (3840×2160)/30 Hz, 2K (2560×1440)/60 Hz, 1920×1080/60 Hz		
VGA Output	1920 × 1080/60 Hz		
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	1-ch, RCA (2.0 Vp-p, 1 KΩ)		
Decoding			
	g Format H.265+/H.265/H.264+/H.264		

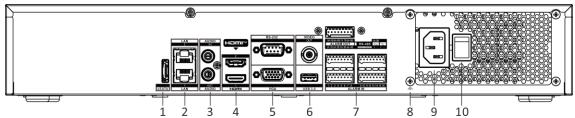


	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA			
December December	/4CIF/DCIF/2CIF/CIF/QCIF			
Recording Resolution	32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/D CIF/2CIF/CIF/QCIF			
	*: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.			
Synchronous Playback				
Live View Window Division	16-ch			
	1/2/4/6/8/9/16			
Aux Port Window Division	1/2/4/6/8/9/16			
Decoding Capability	Enable Al by NVR: 20-ch@1080p (30 fps)			
Dual Ctroom Decording	Disable Al by NVR: 32-ch@1080p (30 fps)			
Dual-Stream Recording	Support			
Stream Type	Video, Video & Audio			
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC/MP2L2/PCM			
Network				
Network Interface	2, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface			
Remote Connection	128			
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			
API	ONVIF (profile S/G); SDK; ISAPI			
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version			
Camera Access Protocol	ONVIF(Version 2.5), RTSP			
Auxiliary Interface				
Serial Interface	2 RS-485 (half-duplex), 1 RS-232			
SATA	4 SATA interfaces			
Capacity	Up to 14 TB capacity for each disk			
eSATA	1 eSATA interface			
Alarm In/Out	16/9			
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0			
	Controllable 12 VDC, 0.5 A power output for external alarm device; The power will be			
Ctrl 12V	turned on when the alarmoutput is triggered.			
	*: The Ctrl 12V power is controlled by alarm output 9.			
DC 12V	12 VDC, 1 A power output			
General				
	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French,			
	Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish			
GUI Language	Language, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian,			
	Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic,			
	Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian, Hebrew			
Power Supply	100 to 240 VAC, 50 to 60 Hz			
Consumption	≤ 30 W (without HDD)			
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 × 391 × 72 mm (17.3"× 15.4" × 2.8")			
Weight	≤ 3.6 kg (without HDD, 7.9 lb.)			
Chassis	19-inch rack-mounted 1.5U chassis			
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Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, LOA
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

### • Physical Interface



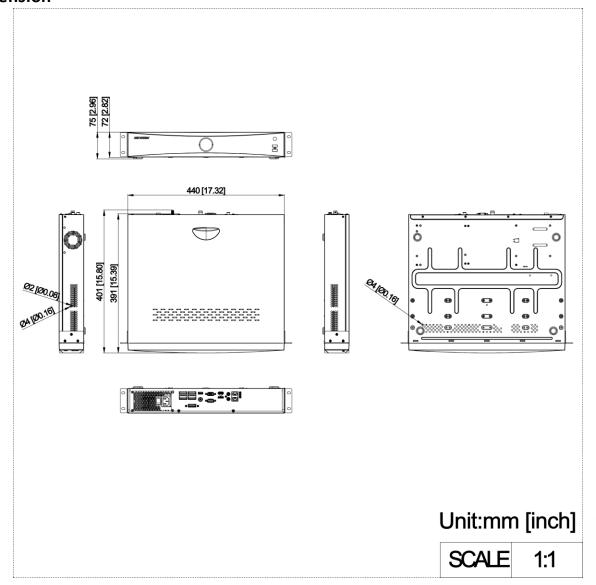
No.	Description	No.	Description
1	eSATA interface	6	USB 3.0 and VIDEO OUT
2	LAN 1 and LAN 2 interfaces	7	ALARM IN, ALARM OUT, RS-485, Ctrl 12V, DC 12V
3	Audio input and audio output	8	GND
4	HDMI 1 and HDMI 2 interfaces	9	100 to 240 VAC power supply
5	VGA and RS-232 interfaces	10	Power switch

#### Available Model

DS-7716NXI-I4/S(E)



#### Dimension



## See Far, Go Further



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