

NVR-7716NXI-I4/S

16 Channel Network Video Recorder



Overview

Truly effective video surveillance requires more than just good cameras. High-quality recording devices are indispensable. What good is a set of great cameras if the backend devices are faulty or the footage gets lost? When you install top of the line cameras, chances are you would not install average NVRs. Top quality cameras deserve top quality NVRs. That is why we developed its newest series of embedded NVRs. The embedded NVRs are all-in-one video recording units which offer the benefits of IP video, but with no complex integration. And now with Deep Learning units, Hikvision is set to launch into new realms of power and functionality in security industry video recording. Captured video is only as good as the devices that store it and play it back. Don't take chances with inferior video recording devices. Get the confidence that comes with powerful and reliable NVRs. Whether you are installing a new surveillance system or upgrading an existing one, aim for the best with Shogun's Embedded NVRs.

Functions

RAID (depends on model)

In the case that one of the NVR's hard drives fails, a replacement drive can be substituted. The RAID function will supply the original data by the calculation of the data from the rest normal hard drives to the new one

Hard Drive Storage

With Hard Drive Health Detection, NVRs can display how many storage units are operating correctly.

Redundant Recording

To ensure the safekeeping of security video, the NVR saves two copies of recorded footage: one copy in the general R/W HDD and the other copy in redundant HDDs.

Video Aging

Some video footage requires long-term storage. By imitating characteristics of memory in the human brain, Hikvision NVRs can optimize the storage technology. This way, the NVR uses hard disks more efficiently.

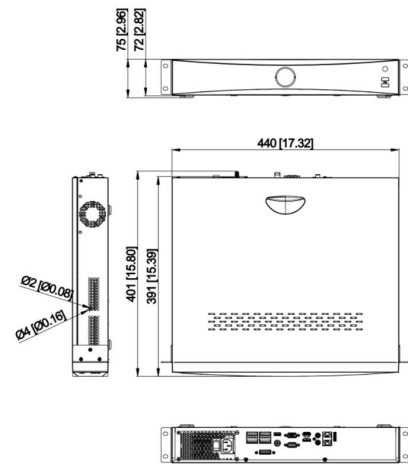
File Lock

File lock adds another level of safety to recorded files. When you've got footage that you can't afford to lose, click on the Lock icon to preserve the recorded file. Once locked, the file can't be overwritten during regular, cyclical recording. When you need more storage space, click again to unlock and overwrite.

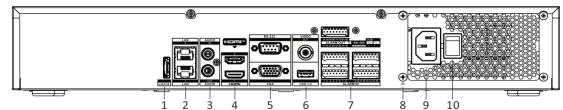
4K Resolution

With 4K decoding and display capability, these NVRs record and reproduce sharper images with more details and yield more potent security video.

Dimensions



Interface



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



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Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, motion detection 2.0, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from 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 (Captured from Camera)	8-ch
Facial Detection and Analytics Performance	4-ch human face capture (HD network camera, up to 2 MP, H.264/H.265)
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	
By NVR	4-ch, 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm; 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	
Decoding Format	H.265+/H.265/H.264+/H.264

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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 32MP/24MP/12MP/8MP/7MP/6MP/5MP/4MP/3MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF *: The NVR supports up to 4-ch 32 MP/24 MP IP video inputs.
Synchronous Playback	16-ch
Live View Window Division	1/2/4/6/8/9/16
Aux Port Window Division	1/2/4/6/8/9/16
Decoding Capability	Enable AI by NVR: 20-ch@1080p (30 fps) Disable AI 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
Ctrl 12V	Controllable 12 VDC, 0.5 A power output for external alarm device; The power will be turned on when the alarm output is triggered. *: The Ctrl 12V power is controlled by alarm output 9.
DC 12V	12 VDC, 1 A power output
General	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish 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