

DS-7716NXI-I4/16P/S AcuSense Series NVR



Key Features

- H.265+/H.265/H.264+/H.264 Video Formats
- Intelligent Deep Learning Analytics
- 4-ch Perimeter Protection
- 16-ch IP Camera Inputs Options
- 16-ch 1080p Decoding Capability
- 160 Mbps Incoming Bandwidth Options

Compression and Recording

- H.265+ Reduces Storage Space up to 75%
- Full Channel IP Cameras Connection
- Secure TLS Encryption Stream Transmission
- Double Playback/Downloading Verification

HD Video Output

- Independent HDMI and VGA Outputs
- HDMI Video Output up to 4K Resolution

Storage and Playback

- 4 SATA HDD Interfaces
- 16-ch Synchronous Playback up to 1080p Resolution

Smart and POS Function

- Multiple VCA (Video Content Analytics) Events
- Smart Search Selected Area in Video
- Smart Playback for Playback Efficiency
- POS Overlay on Live View/Playback
- POS Triggered Recording and Alarm

Available Models

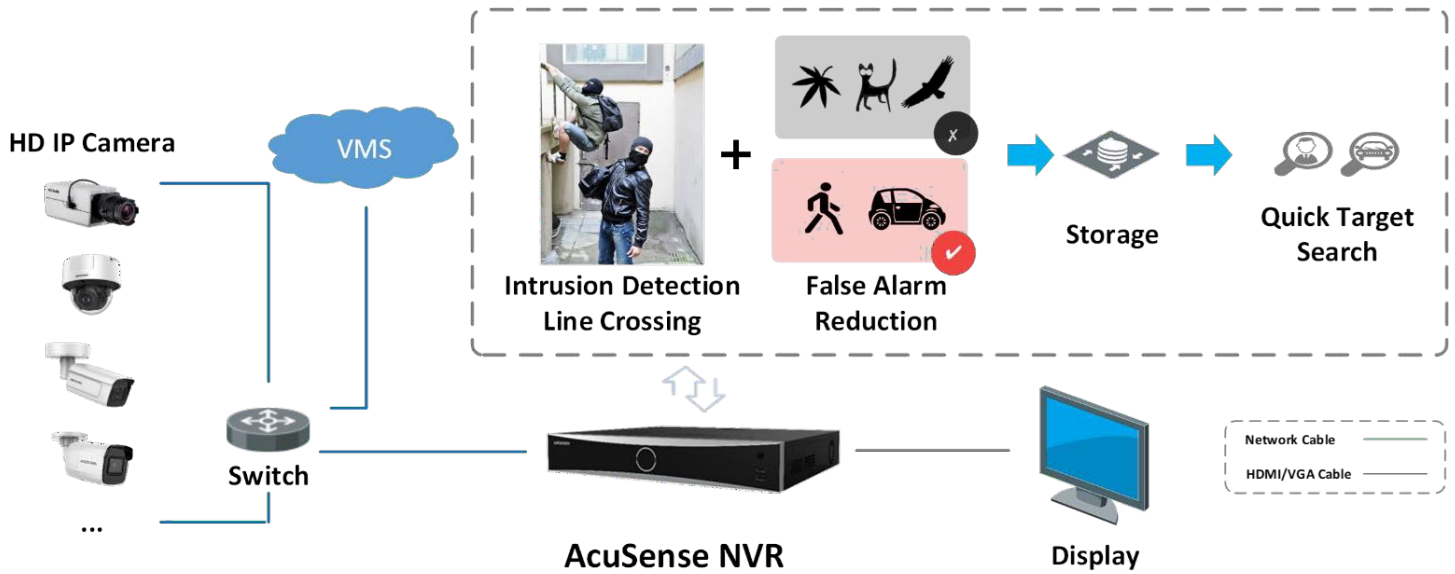
DS-7716NXI-I4/16P/S: 16channels



Typical Application

Perimeter Protection

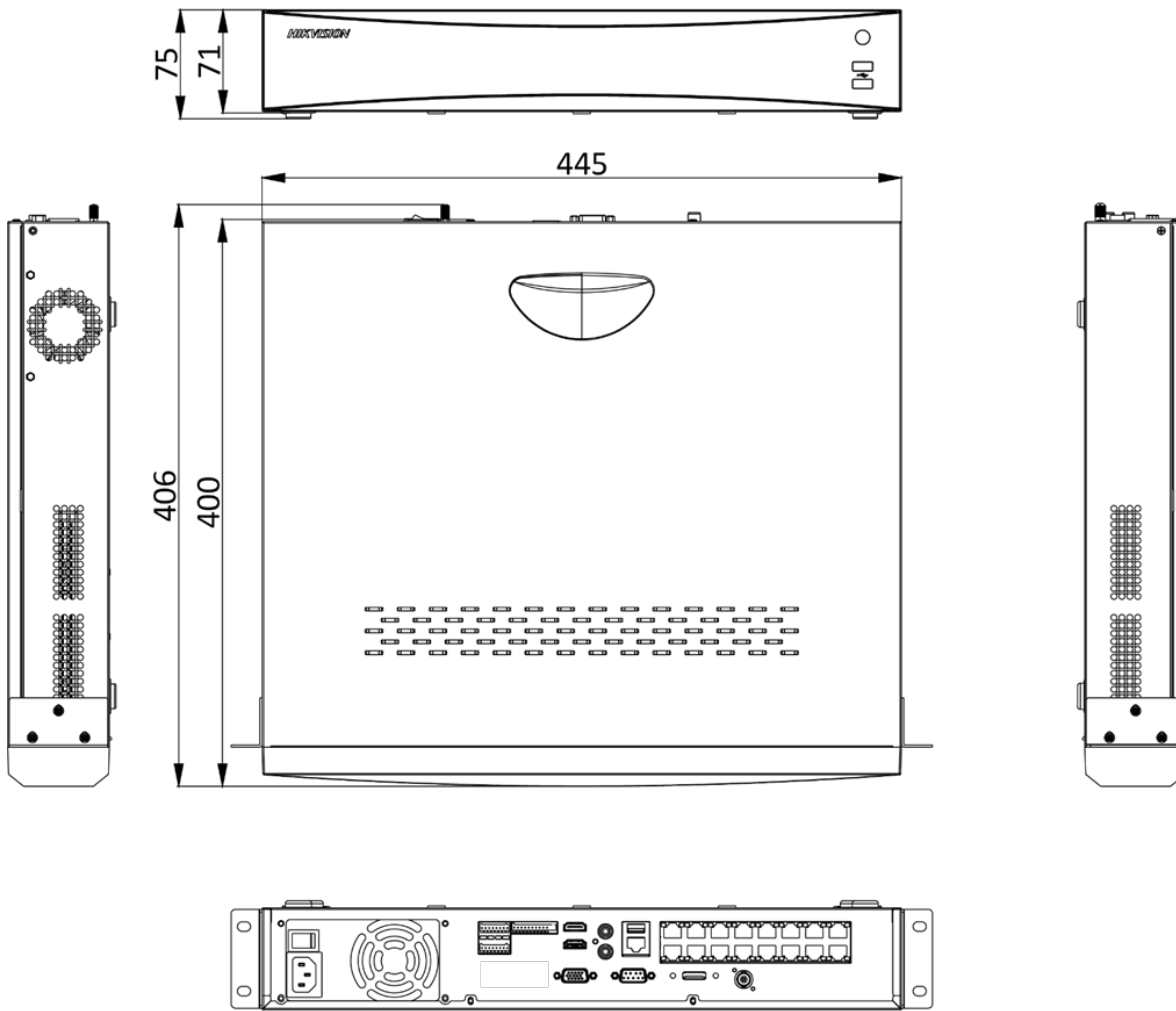
Adopt deep learning algorithm to reduce false alarm, effectively reduces the false alarm caused by tree branches, leaves, shadow, light, vehicles, small animals, etc.



Specifications

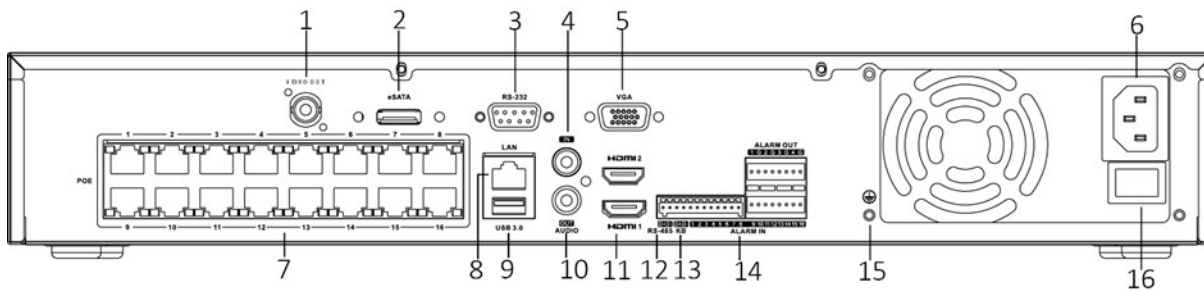
	DS-7716NXI-I4/16P/S
Perimeter Protection	
False Alarm Reduction	Up to 4-ch 2 MP (H.264/H.265) video analysis for human and vehicle recognition to reduce false alarms; up to 12 rules in total
Video and Audio	
IP Video Input	16-ch Up to 12 MP resolution
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	256 Mbps
HDMI1 Output	4K (3840 × 2160)/60 Hz, 4K (3840 × 2160)/30 Hz, 2K (2560 × 1440)/60 Hz, 1920 × 1080/60 Hz, 1600 × 1200/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, HDMI1/VGA simultaneous output
HDMI2 Output	1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, HDMI2/VGA independent output
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz, HDMI1/VGA simultaneous 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, 1K Ω)
Two-Way Audio Input	1-ch, RCA (2.0 Vp-p, 1K Ω)
Decoding	
Decoding Format	H.265+/H.265/H.264+/H.264/MPEG4
Recording Resolution	12 MP/8 MP/7 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Playback Mode	Normal/Smart, Event, Tag, Eternal File
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
Capability	16-ch @ 1080p (30 fps)
Dual Stream Recording	Supported
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	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
PoE	
Interface	16, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤200W
Supported Standard	IEEE 802.3 af/at
Auxiliary Interfaces	
Serial Port	RS-485 (half-duplex), RS-232, Keyboard
SATA	4 SATA interfaces supporting hot-plug
Capacity	Up to 10 TB capacity for each disk
eSATA	1 eSATA interface
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
Total Power	≤360 W
Consumption (without HDD)	≤30 W
Working Temperature	-10° to 55° C (14° to 131° F)
Working Humidity	10% to 90% non-condensing
Chassis	19-inch rack-mounted 1.5U chassis
Dimension (W × D × H)	445 mm × 400 mm × 75 mm (17.5" × 15.7" × 3.0")
Weight (without HDD)	≤7 kg (15.4 lb)
Certifications	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

Dimensions



scale/1:1;Unit/mm

Physical Interface



No.	Description	No.	Description
1	Video output	9	USB 3.0 interface
2	eSATA interface	10	Audio output
3	RS-232 serial interface	11	HDMI outputs
4	Audio input	12	RS-485 serial interface
5	VGA output	13	Keyboard interface
6	100 to 240 VAC power supply	14	Controller Port, Alarm In/Alarm Out
7	PoE interfaces	15	GND
8	Network interface	16	Power Switch