DS-7732NXI-I4/S (E)
AcuSense Series NVR



Key Feature

- 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, or up to 8-ch facial recognition for face picture
- All channels support Motion Detection 2..0
- Up to 32-ch IP camera inputs
- Up to 32-ch 1080p decoding capability
- Up to 256 Mbps incoming bandwidth



Compression and Recording

- H.265+ compression effectively reduces the storage space by up to 75%
- Full channel IP cameras connection
- 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
- Dual 4K HDMI video output resolution

Storage and Playback

- Up to 4 SATA interfaces for HDD connection
- 16-ch synchronous playback at up to 1080p resolution

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

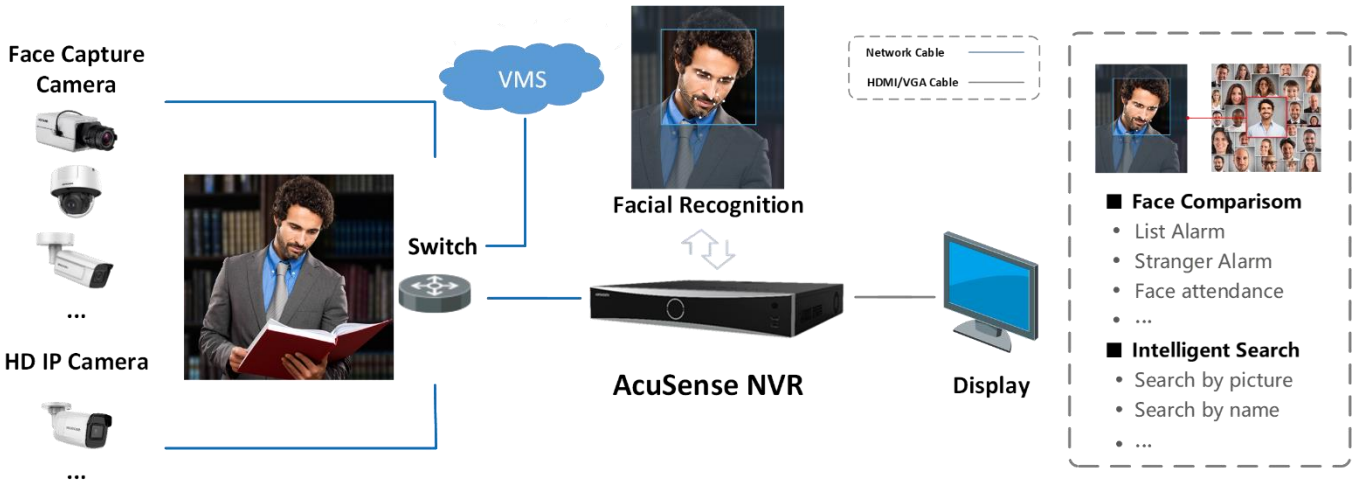
Network & Ethernet Access

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

Typical Application

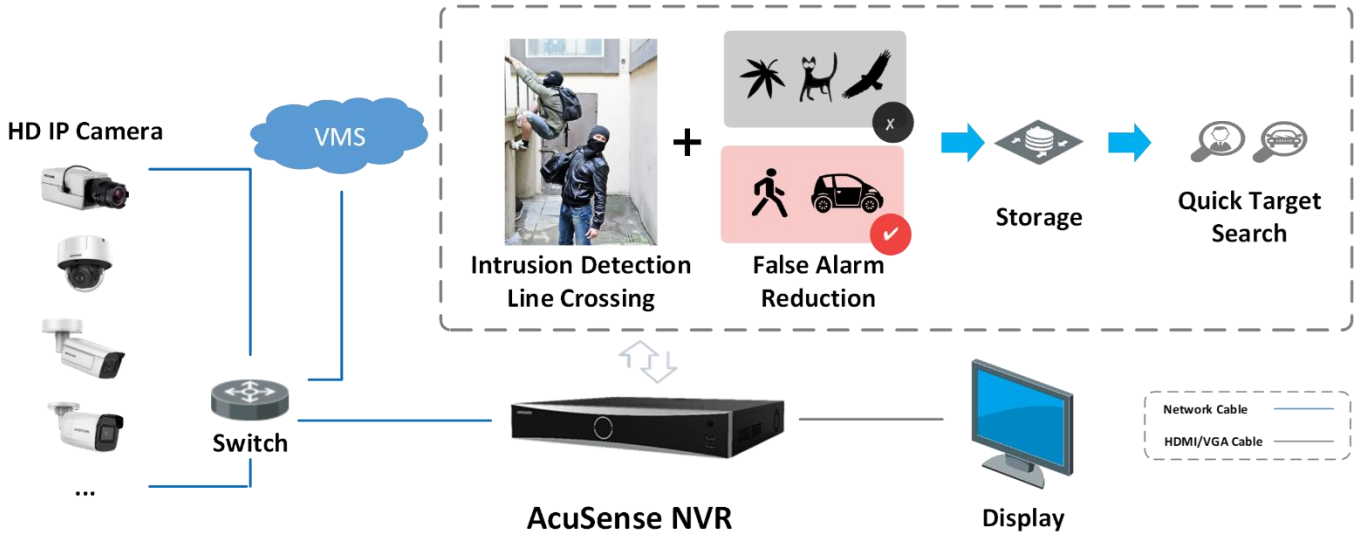
Facial Recognition and Face Picture Comparison

Modeling and analyzing face pictures captured by cameras. Realize blacklist alarm and stranger alarm via face picture library. Search target people by picture and name features.



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

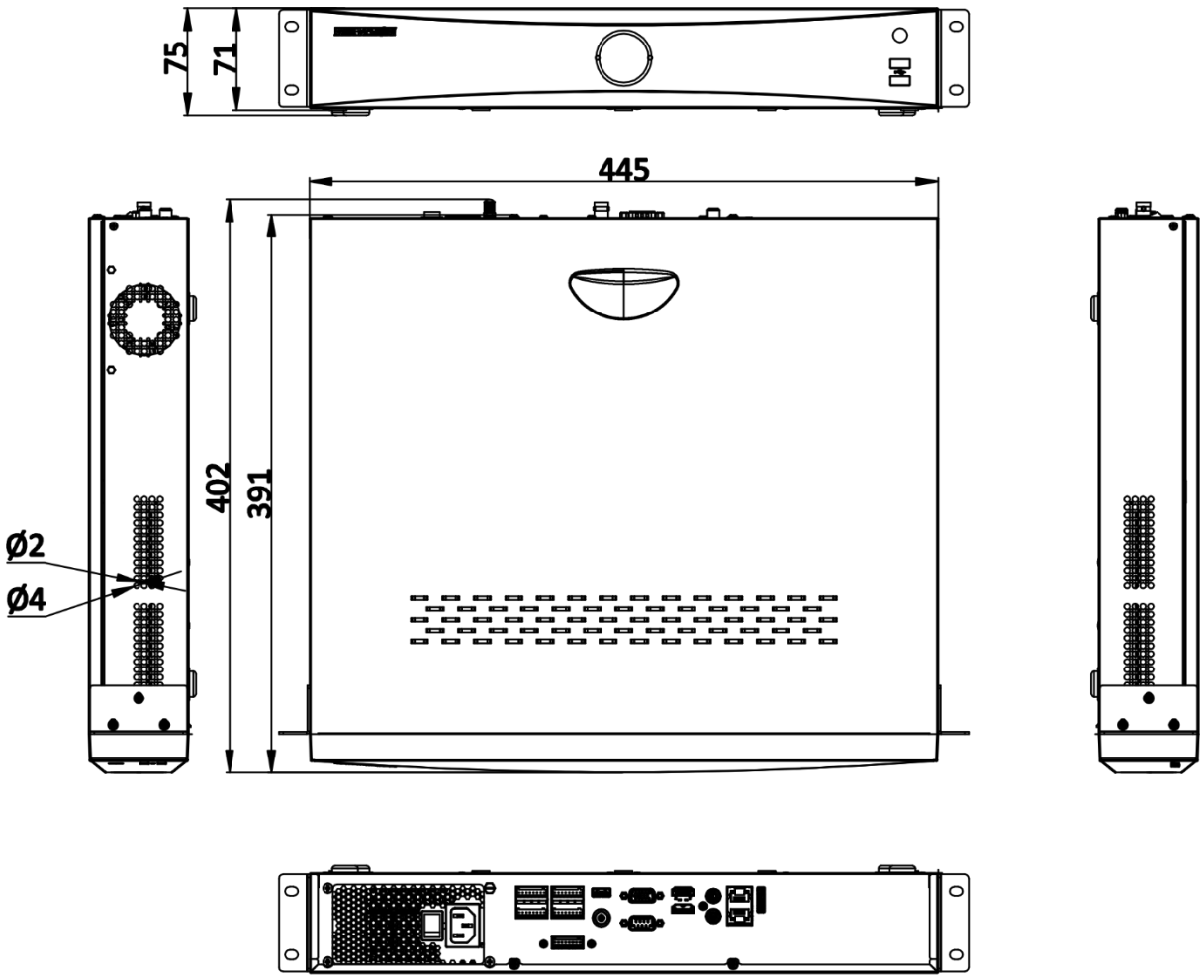
Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, video structuralization, throwing objects from building, motion detection 2.0, ANPR, people counting, VCA
Engine	1, engine mode is adjustable
Facial 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)
Motion Detection 2.0	
By Device	All channels for Hikvision cameras
By Camera	All channels
Perimeter Protection	
By Device	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	32-ch
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	256 Mbps
HDMI 1 Output	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
HDMI 2 Output	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

VGA Output	1920 × 1080/60 Hz, 1600 × 1200/60 HZ, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 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
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	1/2/4/6/8/9/16/25/32/36
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
API	ONVIF(profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Auxiliary Interface	
Serial Interface	2 RS-485 (half-duplex), 1 RS-232
SATA	4 SATA interfaces
Capacity	Up to 10 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
Dimension (W × D × H)	445 × 391 × 75 mm (17.5"× 15.4" × 3.0")
Weight	≤ 3.6 kg (without HDD, 7.9 lb.)
Certification	
Obtained Certification	CE, CB, REACH, WEEE, UKCA, LOA
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

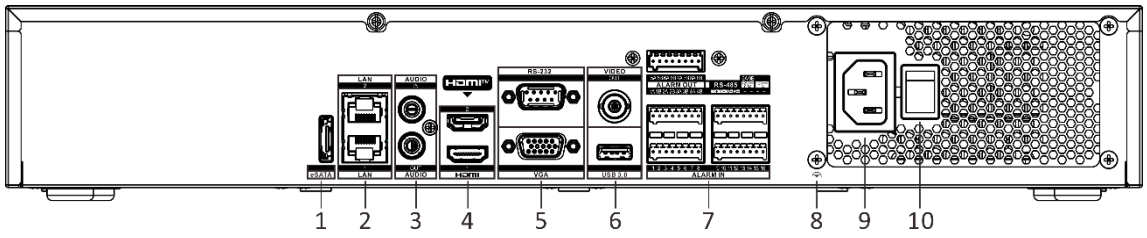
Note:
Facial recognition, motion detection 2.0 and perimeter protection cannot be enabled at the same time. Enable one function will make the others unavailable.

Dimension



scale/1:1;Unit/mm

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-7732NXI-I4/S (E)

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