

## DS-8632NXI-K8

### AcuSense Series NVR

#### Key Feature

- Up to 32-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch @ 12MP or 3-ch @ 8MP or 6-ch @ 4MP or 12-ch @ 1080P decoding capacity
- Up to 256 Mbps incoming bandwidth
- 2 HDMI (different source) and 2 VGA (different source) interfaces
- 8 HDD can be used for continuous video recording
- Intelligent analytics based on deep learning algorithm



#### Smart Function

- All channels support Motion Detection 2.0
- 2-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 4-ch facial recognition for face picture
- Smart search for the selected area in the video, and smart playback to improve the playback efficiency

#### Professional and Reliability

- H.265+ compression effectively reduces the storage space by up to 75%
- Adopt stream over TLS encryption technology which provides more secure stream transmission service

#### HD Video Output

- 2 HDMI (different source) and 2 VGA (different source) interfaces
- HDMI video output at up to 4K resolution

#### Storage and Playback

- 8 SATA interfaces for HDD connection (up to 10 TB capacity per HDD)
- 16-ch synchronous playback

#### Network & Ethernet Access

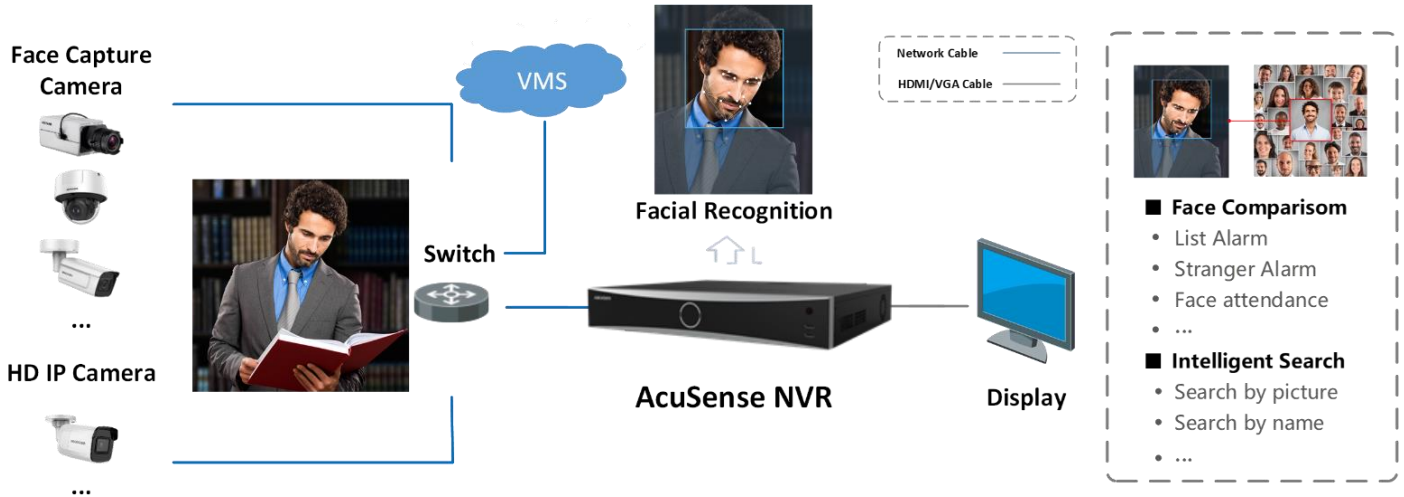
- 2 self-adaptive 10/100/1000 Mbps Ethernet interfaces
- Hik-Connect for easy network management



▪ **Typical Application**

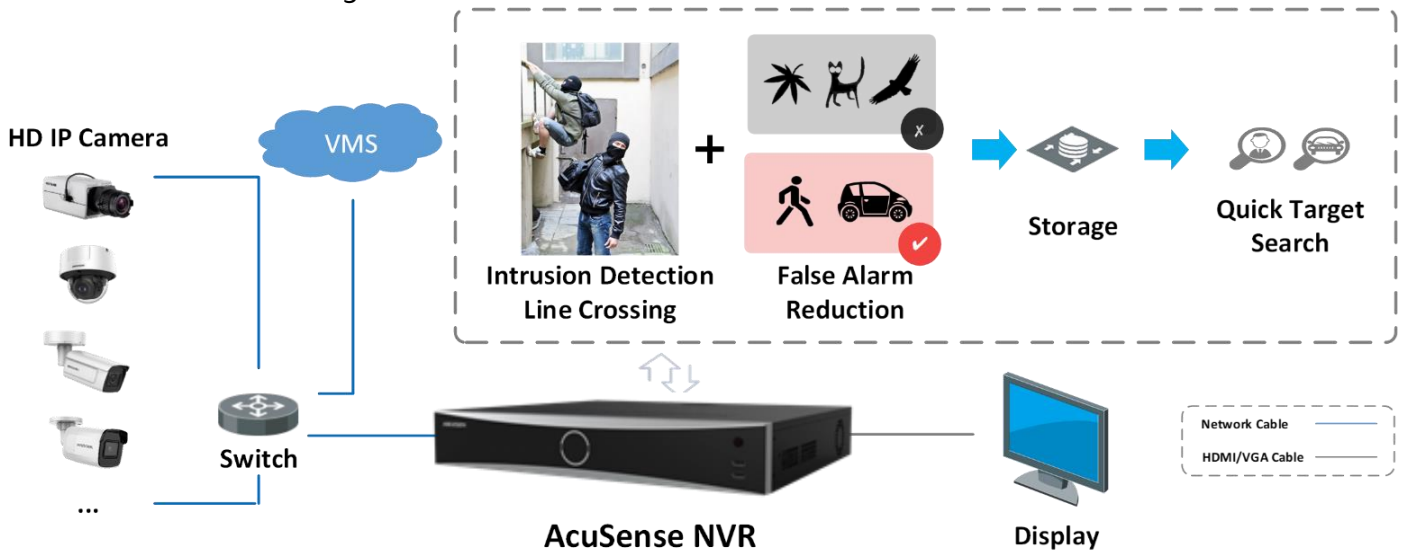
**Facial Recognition and Face Picture Comparison**

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

<b>Facial Recognition</b>	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 50,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch human face capture (HD network camera, up to 8 MP, H.264/H.265)
Face Picture Comparison	4-ch
<b>Motion Detection 2.0</b>	
By Device	All channels, 4 MP video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
<b>Perimeter Protection</b>	
Human/Vehicle Analysis	2-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
<b>Video and Audio</b>	
IP Video Input	32-ch
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	160 Mbps
HDMI 1 Output	4K (3840×2160)/60 Hz, 4K (3840×2160)/30 Hz, 1920×1080/60 Hz, 1600×1200/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1024×768/60 Hz
HDMI 2 Output	1920×1080p/60 Hz, 1280×1024/60 Hz, 1280×720/60 Hz, 1024×768/60 Hz
VGA 1 Output	1920 × 1080p/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
VGA 2 Output	1920 × 1080p/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz, 1024 × 768/60 Hz
Video Output Mode	HDMI 1 and VGA 1 provide simultaneous video output, and work as the main output; HDMI 2 and VGA 2 provide simultaneous video output, and work as the auxiliary output
Audio Output	2-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
<b>Decoding</b>	
Decoding Format	H.265+/H.265/H.264+/H.264
Recording Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous playback	16-ch
Decoding Capability	AI on: 1-ch@12MP (30fps)/2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p(30 fps) AI off: 2-ch@12MP (30fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p(30 fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
<b>Network</b>	
Remote Connection	128-ch
Network Protocol	TCP/IP, DHCP, IPv4, Hik-Connect, 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

<b>Auxiliary Interface</b>	
Serial Interface	1 RS-232, 1 RS-485
SATA	8 SATA interfaces
eSATA	1 eSATA interface
Capacity	Up to 10 TB capacity for each disk
Alarm In/Out	16/9, the 9th alarm supports control 12V.
USB Interface	Front panel: 2 × USB 2.0; Rear panel: 1 × USB 3.0
Power output	12V DC
<b>General</b>	
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 %
Dimension (W × D × H)	445×476×95 mm (17.5"×18.7"×3.7")
Weight	≤ 8 kg (17.6 lb)
<b>Certification</b>	
Obtained Certification	CE, FCC, CB, IC, RCM, KCC, ICE-003
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4

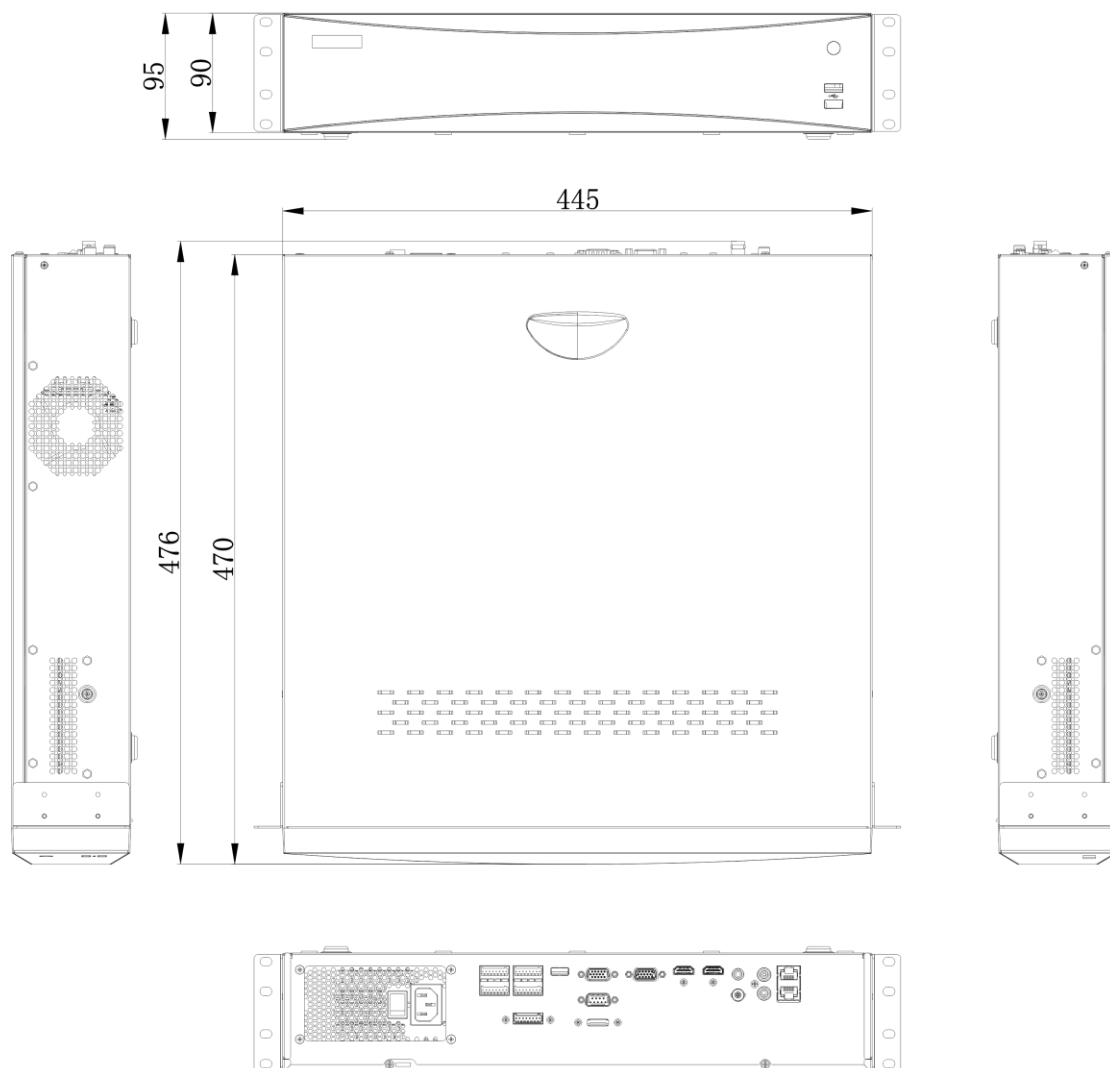
**Note:**

Facial recognition, motion detection 2.0 or perimeter protection cannot be enabled at the same time.

▪ **Available Model**

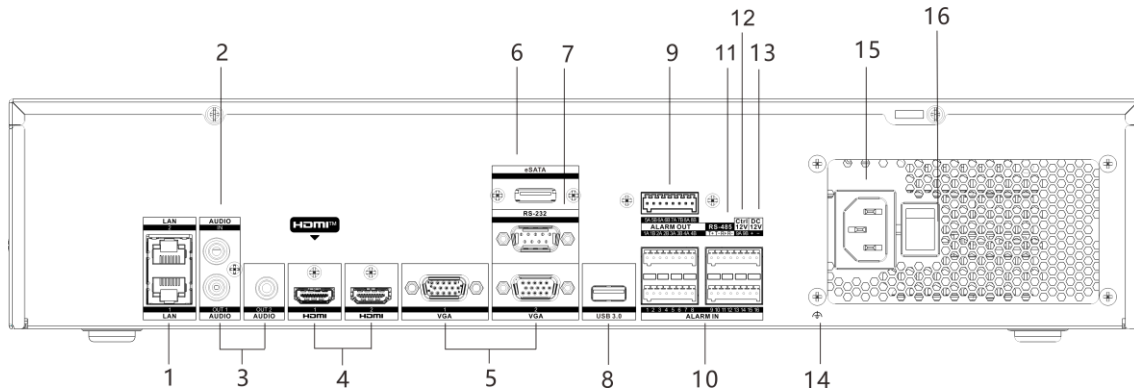
DS-8632NXI-K8

▪ Dimension



scale/1:1;Unit/mm

## Physical Interface



No.	Description	No.	Description
1	LAN1/LAN2 Interface	9	ALARM OUT
2	AUDIO IN	10	ALARM IN
3	AUDIO OUT1/2	11	RS-485 Serial Interface
4	HDMI1/HDMI2 Interface	12	Ctrl 12V Power Output
5	VGA1/VGA2 Interface	13	DC 12V Power Output
6	eSATA Interface	14	GND
7	RS-232 Serial Interface	15	100 to 240 VAC Power Input
8	USB 3.0 Interface	16	Power Switch

Distributed by



## HIKVISION®

### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com