

## NVR-108MH-K/8P

### 8-ch 1U 8 PoE 4K NVR



- Up to 8-ch IP camera inputs, plug & play with 8 power-over-Ethernet (PoE) interfaces
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@12 MP or 4-ch@8 MP or 8-ch@4 MP or 16-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth

## ▪ Function

### Smart Function

- 1-ch video analysis for human and vehicle recognition to reduce false alarm
- 1-ch facial recognition for video stream, or 2-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

- Provide independent HDMI and VGA outputs
- HDMI video output at up to 4K resolution

### Storage and Playback

- Up to 1 SATA interface for HDD connection (up to 16 TB)
- 8-ch synchronous playback

### Network & Ethernet Access

- 8 independent PoE network interfaces
- 1 self-adaptive 10/100 Mbps Ethernet interface
- HiLookVision for easy network management

## ▪ Specification

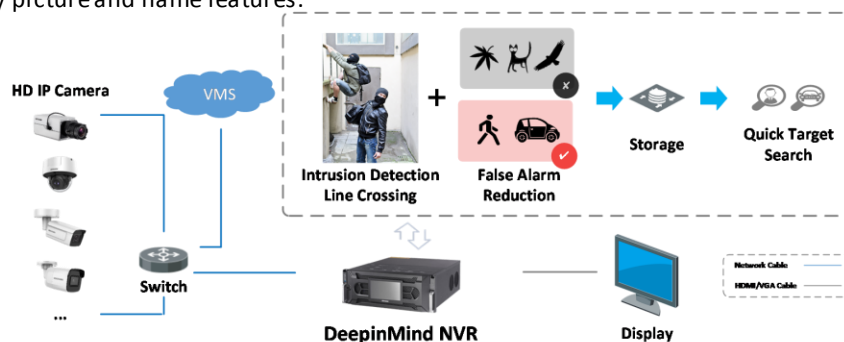
Intelligent Analytics	
AI by Device	Facial recognition, perimeter protection, motion detection 2.0
AI by Camera	Facial recognition, perimeter protection, throwing objects from building, motion detection 2.0, ANPR, VCA
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture ≤ 4 MB, total capacity ≤ 1 GB)
Facial Detection and Analytics Performance	1-ch, 8 MP
Face Picture Comparison	4-ch
Motion Detection 2.0	
By Camera	All channels
Perimeter Protection	
By Device	1-ch, 4 MP (HD network camera, H.264/H.265) video analysis for human and vehicle recognition to reduce false alarm
By Camera	All channels
Throwing Objects from Building	
By Camera	All channels
Video and Audio	
IP Video Input	8-ch
Incoming Bandwidth	80 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 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
VGA Output	1-ch, 1920 × 1080/60 Hz, 1280 × 1024/60 Hz, 1280 × 720/60 Hz
Video Output Mode	HDMI/VGA independent output
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 KΩ)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 KΩ, using the audio input)
Decoding	
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	8-ch
Decoding Capability	<p>AI on: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/6-ch@4 MP (30 fps)/12-ch@1080p (30 fps)</p> <p>AI off: 2-ch@12 MP (30 fps)/4-ch@8 MP (30 fps)/8-ch@4 MP (30 fps)/16-ch@1080p (30 fps)</p> <p>Smooth Playback (HC) ON &amp; AI ON: 1-ch@12 MP (30 fps)/2-ch@8 MP (30 fps)/5-ch@4 MP (30 fps)/11-ch@1080p (30 fps)</p> <p>Smooth Playback (HC) ON &amp; AI OFF: 2-ch@12 MP (30 fps)/3-ch@8 MP (30 fps)/7-ch@4 MP (30 fps)/15-ch@1080p (30 fps)</p>
Stream Type	Video, Video & Audio

Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
<b>Network</b>	
Remote Connection	128
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
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
<b>PoE</b>	
Interface	8, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 75 W
Standard	IEEE 802.3af/at
<b>Auxiliary Interface</b>	
SATA	1 SATA interface
Capacity	Up to 16 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
<b>General</b>	
GUI Language	English, Russian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Turkish, Japanese, Danish, Swedish, Norwegian, Finnish, Korean, Traditional Chinese, Thai, Estonian, Vietnamese, Croatian, Slovenian, Serbian, Latvian, Lithuanian, Uzbek, Kazakh, Arabic, Ukrainian, Kyrgyz, Brazilian Portuguese, Indonesian
Power Supply	48 VDC, 1.875 A
Consumption	≤ 10 W (without HDD, and PoE off)
Working Temperature	-10 °C to 55 °C (14 °F to 131 °F)
Working Humidity	10% to 90%
Dimension (W × D × H)	320 mm × 240 mm × 48 mm (12.6" × 9.4" × 1.9")
Weight	≤ 1 kg (without HDD, 2.2 lb.)
<b>Certification</b>	
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS

## ▪ Typical Application

### Facial Recognition and Face Picture Comparison

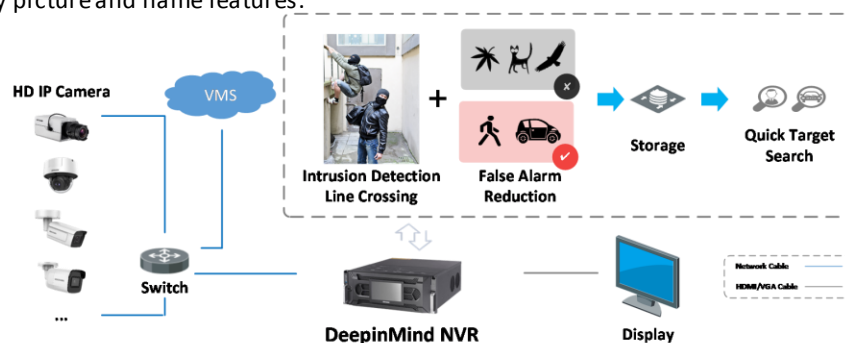
Modeling and analyzing face pictures captured by cameras. Realize list alarm and stranger alarm via face picture library. Search target people by picture and name features.



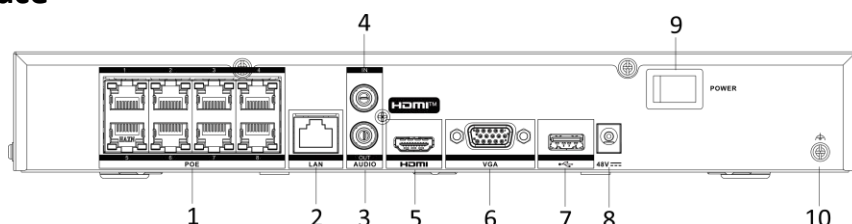
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## Physical Interface



No.	Description	No.	Description
1	Network interfaces with PoE function	6	VGA interface
2	LAN network interface	7	USB Interface
3	AUDIO OUT	8	Power supply
4	AUDIO IN	9	Power switch
5	HDMI interface	10	GND

## Available Model

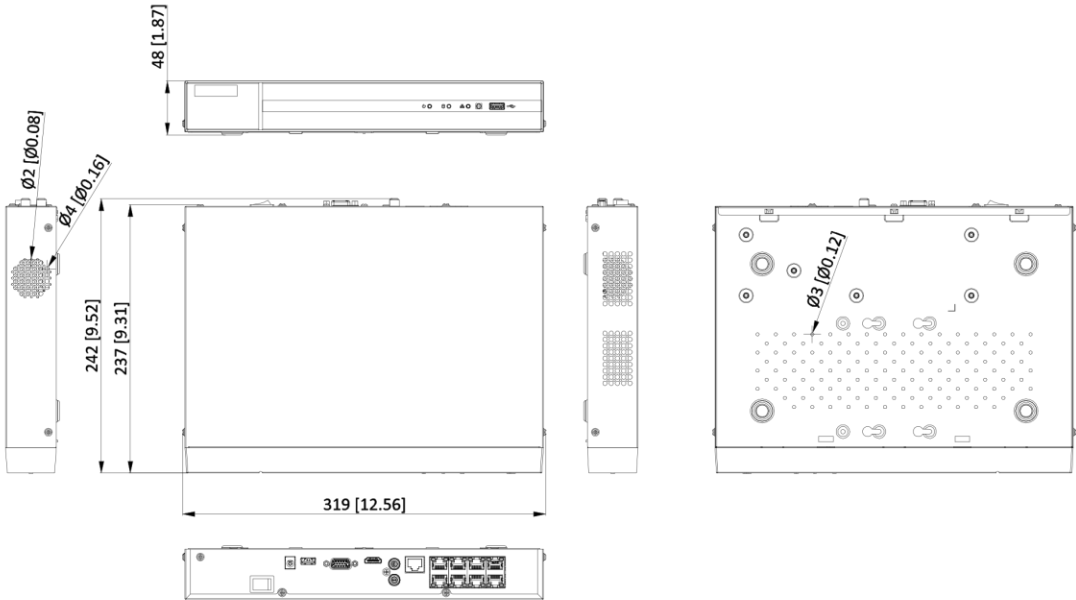
HL-NVR-108MH-K/8P(STD)

HL-NVR-108MH-K/8P(NEU)

HL-NVR-108MH-K/8P(STD)/1 × 4T/AUS

HL-NVR-108MH-K/8P(STD)/AUS

## Dimension



scale/1:1;Unit/mm

Unit:mm [inch]

SCALE	1:1
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# See Far, Go Further



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# HiLook