

## NVR-104MH-K/4P 4-ch 1U 4 PoE 4K NVR



- Up to 4-ch IP camera inputs, plug & play with 4 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 40 Mbps incoming bandwidth

## ▪ Function

### Smart Function

- 1-ch facial detection and analytics for video stream, or 4-ch face Picture Comparison

- 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 simultaneous 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)

- 4-ch synchronous playback

### Network & Ethernet Access

- 4 independent PoE network interfaces

- 1 self-adaptive 10/100 Mbps Ethernet interface

- HiLookVision for easy network management

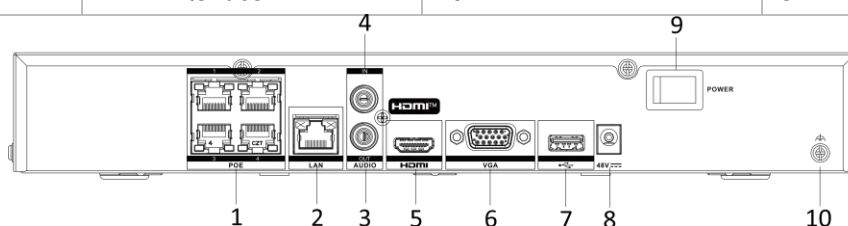
## ▪ Specification

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	
Face Picture Comparison	4-ch
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
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
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	40 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	HDMI1/VGA simultaneous 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	4-ch
Decoding Capability	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) 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) Smooth Playback (HC) ON & 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) Smooth Playback (HC) ON & 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)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC

Network	
Remote Connection	128
API	ONVIF (profileS/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
PoE	
Interface	4, RJ-45 10/100 Mbps self-adaptive Ethernet interface
Power	≤ 50 W
Standard	IEEE 802.3af/at
Auxiliary Interface	
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
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
Power Supply	48 VDC, 1.35 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.)
Certification	
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017
Obtained Certification	CE KC WEEE REACH ROHS BIS CB RCM IC LOA UKCA

## 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

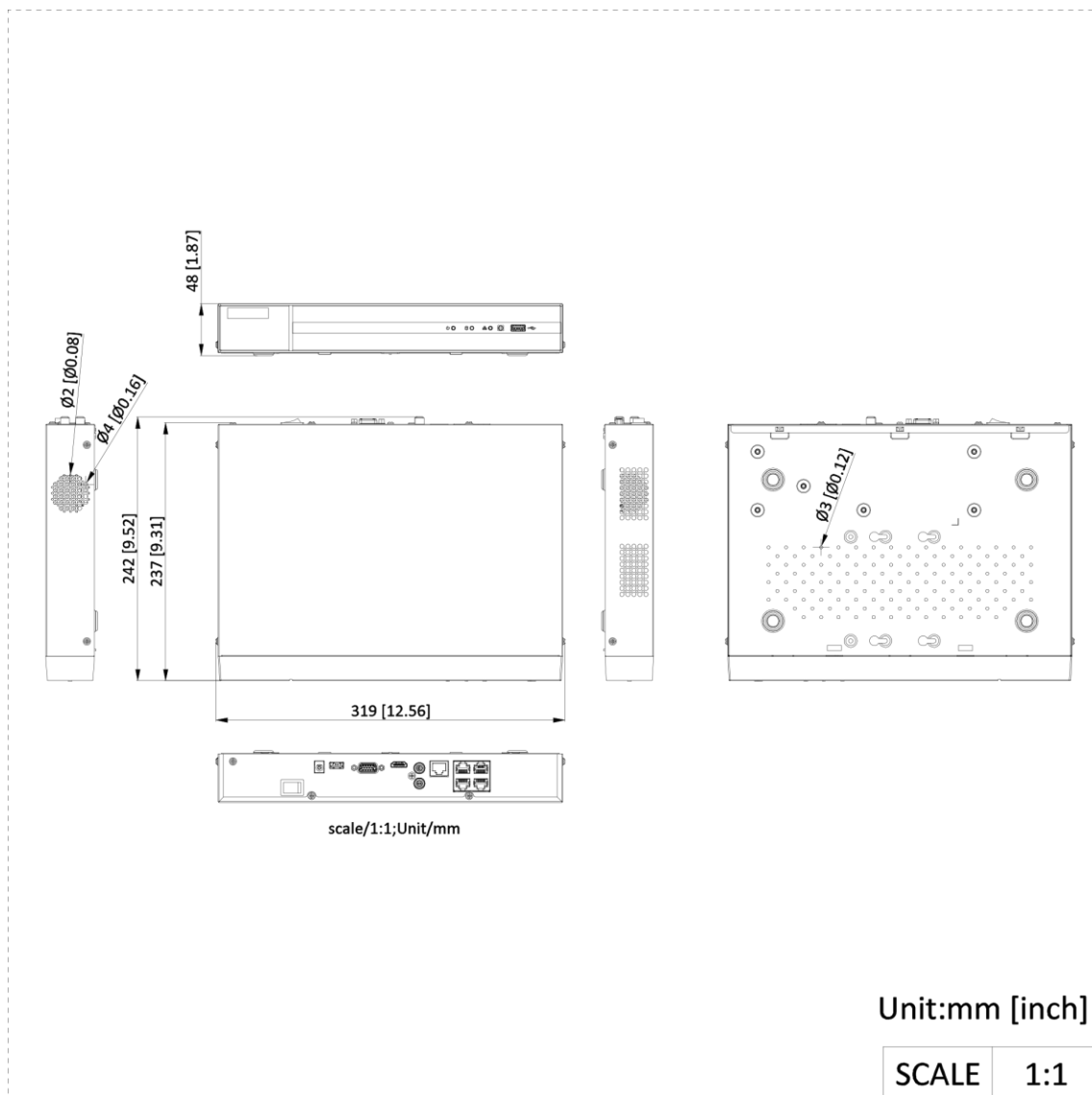
HL-NVR-104MH-K/4P(STD)

HL-NVR-104MH-K/4P(NEU)

HL-NVR-104MH-K/4P(STD)/1 × 2T/AUS

HL-NVR-104MH-K/4P(STD)/AUS

## ▪ Dimension



# See Far, Go Further



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# HiLook