HIKVISION

iDS-7616NXI-M2/16P/X
DeepInMind M Series

- Up to 2-ch@32 MP/2-ch@24 MP/4-ch@12 MP/8-ch@8 MP/16-ch@4 MP decoding capacity

- H.265+/H.265/H.264+/H.264 video formats

- Up to 16-ch IP cameras can be connected, plug & play with 16 power-over-Ethernet (PoE) interfaces

- Intelligent analytics based on deep learning algorithm

- Up to 12-ch perimeter protection

- Up to 8-ch facial recognition for video stream, or up to 16-ch facial recognition for face picture

- Up to 6-ch video structuralization

- Up to 8-ch IP speakers can be connected

▪ Function

Professional and Reliability

1、H.265+ compression effectively reduces the storage space by up to 75%

2、Dual-stream recording saves bandwidth

3、Adopt stream over TLS encryption technology which provides more secure stream transmission service

4、Support double verification for playback and downloading

HD Video Output

1、Provide independent HDMI and VGA outputs

2、HDMI video output at up to 8K resolution

Storage and Playback

1、Up to 2 SATA interfaces for HDD connection

2、Up to 16-ch synchronous playback

Smart & POS Function

1、Support multiple VCA (Video Content Analytics) events

2、Configurable special camera smart functions, such as VCA detection (motion, line crossing, intrusion, etc.), heat map, ANPR (Automatic Number-Plate Recognition), and people counting

3、POS information overlay on live view and playback, and POS triggered recording and alarm

Network & Ethernet Access

1、1 self-adaptive 10/100/1000 Mbps Ethernet interface

2、Hik-Connect & DDNS (Dynamic Domain Name System) for easy network management

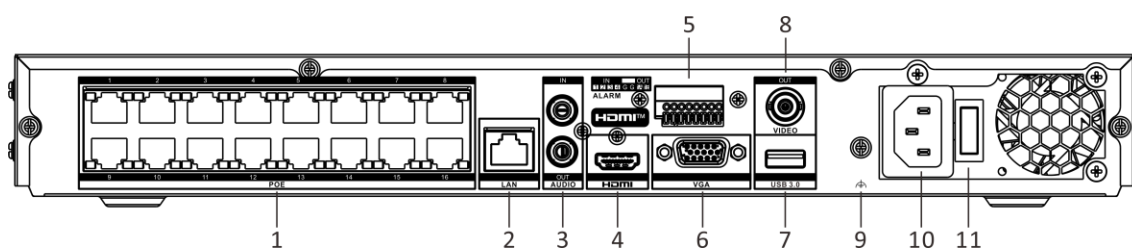3、Smooth streaming technology

4、Support web access without plug-in

▪ Specification

Intelligent Analytics	
AI by NVR	Facial recognition, perimeter protection, video structuralization, AcuSearch
AI by Camera	Facial recognition, perimeter protection, video structuralization, AcuSearch , motion detection2.0, ANPR, people counting, VCA
Engine	1 engine can run an intelligent algorithm, engine mode is adjustable
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison (Captured from Camera)	16-ch; Comparison speed: 24 pictures per second
Facial Detection and Analytics Performance	8-ch 2 MP, up to 8 MP
AcuSearch	
By NVR	up to 4-ch, up to 345,600 targets/day
By Camera	All channels, up to 345,600 targets/day The camera should enable AcuSearch function
Perimeter Protection	
By Camera	perimeter protection powered by Large Model with AcuSense cameras: All channels
Video Structuralization	
Structured Analysis	6-ch 2 MP, up to 8 MP
Face Picture Library	Up to 16 face picture libraries, up to 100,000 face pictures in list library, up to 10,000 face pictures in stranger library, up to 5,000,000 face pictures in face capture (each picture ≤ 4 MB, total capacity ≤ 20 GB)
Face Picture Comparison	8-ch; Comparison speed: 16 pictures per second
ANPR	
By Camera	All channels
Plate Attributes	Vehicle brand, vehicle color, vehicle type
Vehicle Attributes	Plate number, license plate color, license plate type
Video and Audio	
IP Video Input	16-ch Up to 32 MP resolution
Incoming Bandwidth	256 Mbps
Outgoing Bandwidth	256 Mbps
HDMI Output	8K (7680 × 4320)/30Hz, 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz
VGA Output	1920 × 1080/60Hz
Video Output Mode	HDMI/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 k Ω)

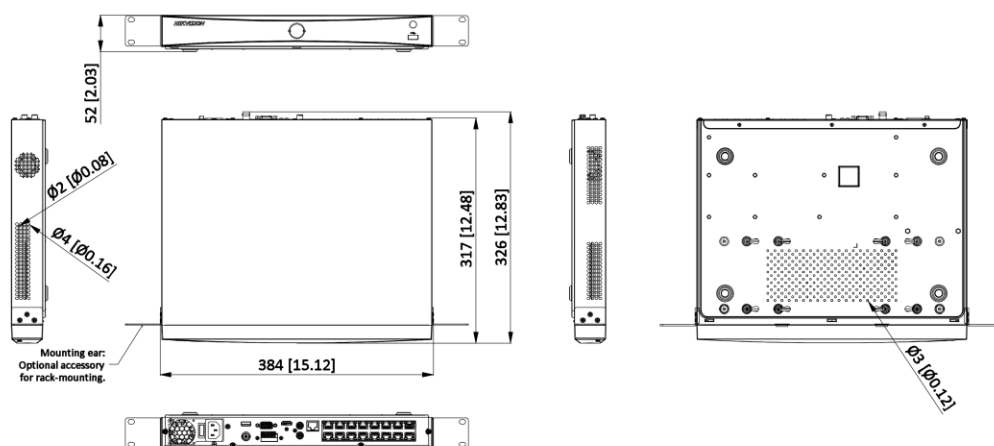| Decoding	
Decoding Format	H.265/H.265+/H.264/H.264+
Decoding Capability	2-ch@32 MP (30 fps)/2-ch@24 MP (30fps)/4-ch@16 MP (30fps)/8-ch@8 MP (30fps)/16-ch@4 MP (30fps)
Synchronous Playback	16-ch
Recording Resolution	32 MP/24 MP/12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA /4CIF/DCIF/ 2CIF/CIF/QCIF
Network	
Remote Connection	128
Network Protocol	TCP/IP, DHCP, IPv4, IPv6, DNS, DDNS, NTP, RTSP, SADP, SMTP, SNMP, NFS, iSCSI, ISUP, UPnP™, HTTP, HTTPS, ONVIF(Version 2.2), OTAP
API	ONVIF (profile S/G); SDK; ISAPI
Compatible Browser	IE11, Chrome V57, Firefox V52, Safari V12, Edge V89, or above version
Network Interface	1, RJ-45 10/100/1000 Mbps self-adaptive Ethernet interface
Camera Access Protocol	ONVIF(Version 2.5), RTSP
PoE	
Interface	16 RJ-45 10/100 Mbps self-adaptive Ethernet interfaces
Power	≤ 200 W
Standard	IEEE 802.3 af/at
Auxiliary Interface	
SATA	2 SATA interfaces; 3.5-inch HDD
eSATA	1 eSATA interface
Capacity	Up to 16 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
Alarm In/Out	4/1
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	100 to 240 VAC, 50 to 60 Hz
Consumption	≤ 50 W (without HDD and PoE off)
Working Temperature	-10 to 55°C (14 to 131° F)
Working Humidity	10 to 90%
Dimension (W × D × H)	384 × 317 × 52 mm (15.1"× 12.5" × 2.0")
Weight	≤ 3 kg (without HDD, 2.2 lb.)
Certification	
Obtained Certification	CE, FCC, IC, CB, KC, UL, Rohs, Reach, WEEE, RCM, UKCA, LOA, BIS
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032:2015+A1:2020, ENIEC61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019, EN 50130-4:2011+A1:2014, EN 55035:2017+A11:2020

▪ Physical Interface

No.	Description	No.	Description
1	Network interfaces with PoE function	7	USB 3.0 interface
2	LAN interface	8	CVBS video output
3	Audio out and audio in	9	GND
4	HDMI interface	10	100 to 240 VAC power supply
5	Alarm in and alarm out	11	Power switch
6	VGA output		

▪ Available Model

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▪ **Dimension**

52 [2.03]

Ø2 [Ø0.08]

Ø4 [Ø0.16]

Mounting ear:
Optional accessory
for rack-mounting.

317 [12.48]

326 [12.83]

384 [15.12]

Ø3 [Ø0.12]

Unit:mm [inch]

| SCALE | 1:1 |

See Far, Go Further

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