

IPC-T269H-MU/SL

6 MP All-in-One Fixed Turret Network Camera



- High quality imaging with 6MP resolution
- Efficient H.265+ compression technology
- Clear imaging even with strong back lighting due to 120 dB WDR
- Human and vehicle targets classification based on deep learning
- Active red and blue strobe light and audio alarm to warn intruders off
- Provide real-time security via built-in two-way audio
- 24/7 colorful imaging
- Smart Dual-light Supplement, auto switch IR to White light supplement when event triggered
- Water and dust resistant (IP67)

▪ Specification

Camera	
Image Sensor	1/2.4" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.6, AGC ON), 0 Lux with white light B/W: 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Lens Type	Fixed focal lens, 2.8, 4mm optional
Iris Type	Fixed
Focal Length & FOV	2.8 mm, horizontal FOV 105.1°, vertical FOV 53.4°, diagonal FOV 128.6° 4 mm, horizontal FOV 83.9°, vertical FOV 44.5°, diagonal FOV 100.8°
Aperture	F1.6
Lens Mount	M12
Illuminator	
Supplement Light Type	White light & IR
IR Range	Up to 30 m
White light Range	Up to 30 m
Smart Supplement Light	Yes
Video	
Max. Resolution	3200 × 1800
Main Stream	50 Hz: 25 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720)
Sub Stream	50 Hz: 25 fps (640 × 480, 640 × 360) 60 Hz: 30 fps (640 × 480, 640 × 360)
Third Stream	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360) *Third stream is supported under certain settings.
Video Compression	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264 *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environment Noise Filtering	Yes

Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP
User/Host	Up to 32 users 3 levels: Administrator, Operator and User
Network Storage	Supports microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR)
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Image	
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Mirror, saturation, brightness, contrast, sharpness, AGC, and white balance adjustable by client software or web browser
Privacy Mask	4 regions of privacy masks
Interface	
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 500 mA)
Audio	1 input (line in), terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Built-in Microphone	Yes
Built-in Speaker	Power: 1.2 W. Max. sound pressure level: 10 cm: 95 dB
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
Event	
Basic Event	Motion detection (human and vehicle targets classification), video tampering alarm, exception
Smart Event	Line crossing detection(human and vehicle targets classification)
General	
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture
Web Client Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian

General Function	Anti-flicker, heartbeat, password protection, password reset via email
Software Reset	Yes
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25% PoE: 802.3af, Type 1 Class 3
Power Consumption and Current	12 VDC, 0.70 A, max. 8.4 W PoE (802.3af, 36 V to 57 V), 0.27 A to 0.16 A, max. 9.7 W
Power Interface	Ø5.5 mm coaxial power plug
Camera Material	Metal except for trim ring
Camera Dimension	Ø 138.3 mm × 112.1 mm (Ø 5.4" × 4.4")
Package Dimension	170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")
Camera Weight	Approx. 820 g (1.8 lb.)
With Package Weight	Approx. 1150 g (2.5 lb.)
Approval	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529-2013)

▪ Available Model

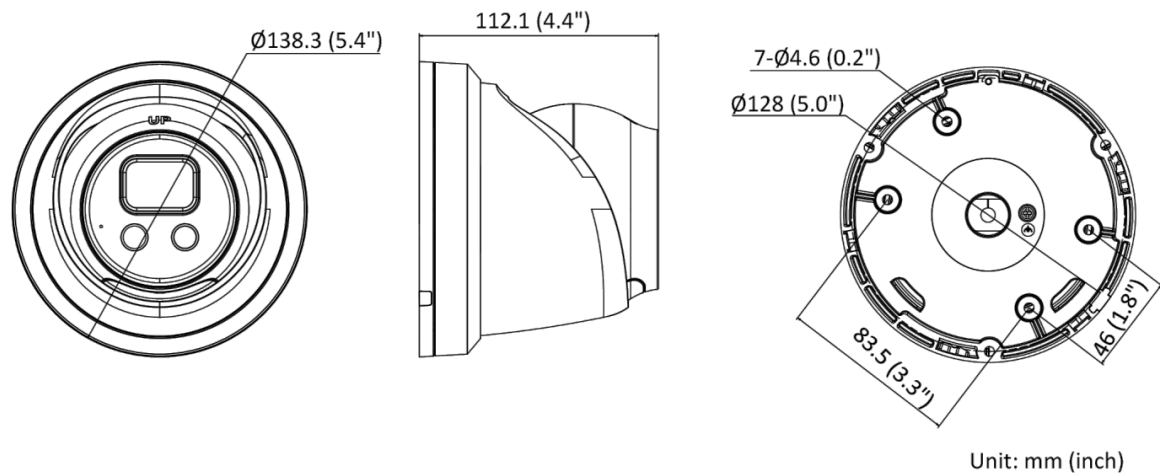
IPC-T269H-MU/SL (2.8 mm)

IPC-T269H-MU/SL (4 mm)

IPC-T269H-MU/SL(2.8mm)/BLACK

IPC-T269H-MU/SL(4mm)/BLACK

▪ Dimension



▪ Accessory

▪ Optional

DS-1275ZJ-SUS Vertical Pole Mount	DS-1273ZJ-140 (Black) Wall Mount	DS-1276ZJ-SUS Corner Mount	DS-1280ZJ-DM21 Junction Box	DS-1276ZJ-SUS (Black) Corner Mount
				
DS-1271ZJ-140 Pendant Mount	DS-1275ZJ-SUS (Black) Vertical Pole Mount	DS-1273ZJ-140B Wall Mount	DS-1273ZJ-140 Wall Mount	
				

NVR-104MH-K/4P(B) NVR

Key Feature

- Up to 4-ch IP camera inputs, plug & play with 4 PoE ports
- H.265+/H.265/H.264+/H.264 video formats
- Up to 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity
- Up to 40 Mbps incoming bandwidth



Smart Function

- All channels support Motion Detection 2.0
- 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

HD Video Output

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

Storage and Playback

- 1 SATA interface for HDD connection (up to 10TB capacity per HDD)
- 4-ch synchronous playback

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

Network & Ethernet Access

- 4 independent PoE network interfaces
- 1 self-adaptive 10/100/1000 Mbps Ethernet interface
- HiLookVision for easy network management

Specification

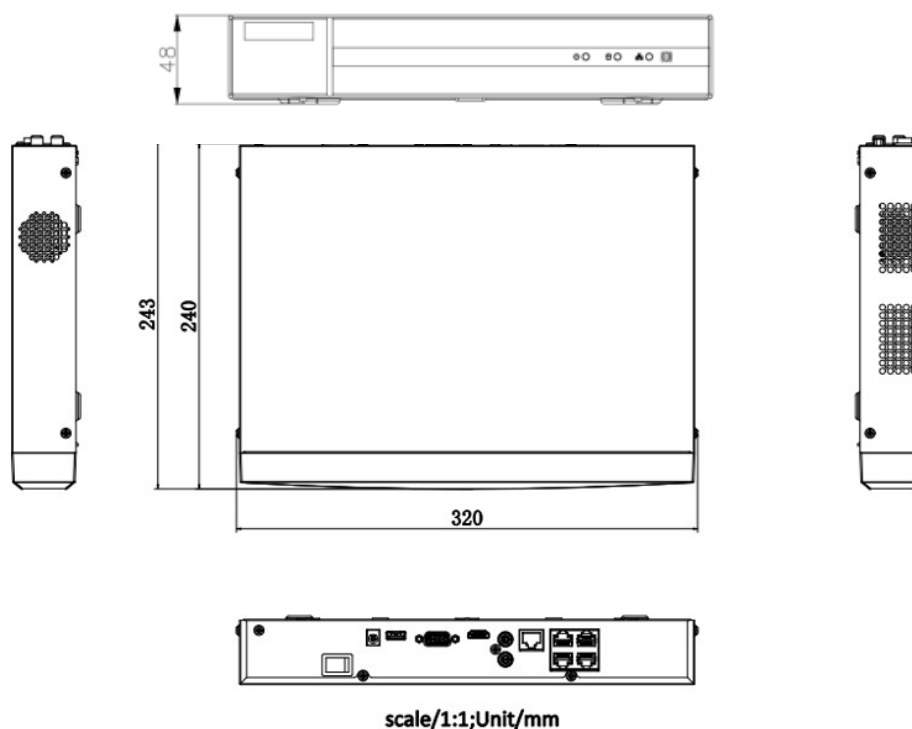
Facial Recognition	
Facial Detection and Analytics	Face picture comparison, human face capture, face picture search
Face Picture Library	Up to 16 face picture libraries, with up to 20,000 face pictures in total (each picture $\leq$ 4 MB, total capacity $\leq$ 1 GB)
Facial Detection and Analytics Performance	1-ch human face capture
Face Picture Comparison	2-ch face picture comparison alarm
Motion Detection 2.0	
Human/Vehicle Analysis	4-ch
Video and Audio	
IP Video Input	4-ch
Incoming Bandwidth	40 Mbps
Outgoing Bandwidth	80 Mbps
HDMI Output	1-ch, 4K (3840 $\times$ 2160)/30 Hz, 2K (2560 $\times$ 1440)/60 Hz, 1920 $\times$ 1080/60 Hz, 1600 $\times$ 1200/60 Hz, 1280 $\times$ 1024/60 Hz, 1280 $\times$ 720/60 Hz, 1024 $\times$ 768/60 Hz
VGA Output	1-ch, 1920 $\times$ 1080/60 Hz, 1280 $\times$ 1024/60 Hz, 1280 $\times$ 720/60 Hz
Video Output Mode	HDMI1/VGA simultaneous output
CVBS Output	N/A
Audio Output	1-ch, RCA (Linear, 1 K Ω)
Two-Way Audio	1-ch, RCA (2.0 Vp-p, 1 K Ω , using the audio input)
Decoding	
Decoding Format	H.265/H.265+/H.264+/H.264
Recording Resolution	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: 1-ch@8 MP (30 fps)/3-ch@4 MP (30 fps)/6-ch@1080p (30fps) AI off: 2-ch@8 MP (30 fps)/4-ch@4 MP (30 fps)/8-ch@1080p (30fps)
Stream Type	Video, Video & Audio
Audio Compression	G.711ulaw/G.711alaw/G.722/G.726/AAC
Network	
Remote Connection	128
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 10 TB capacity for each HDD
USB Interface	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 2.0
General	
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	
FCC	Part 15 Subpart B, ANSI C63.4-2014
CE	EN 55032: 2015, EN 61000-3-2, EN 61000-3-3, EN 50130-4, EN 55035: 2017

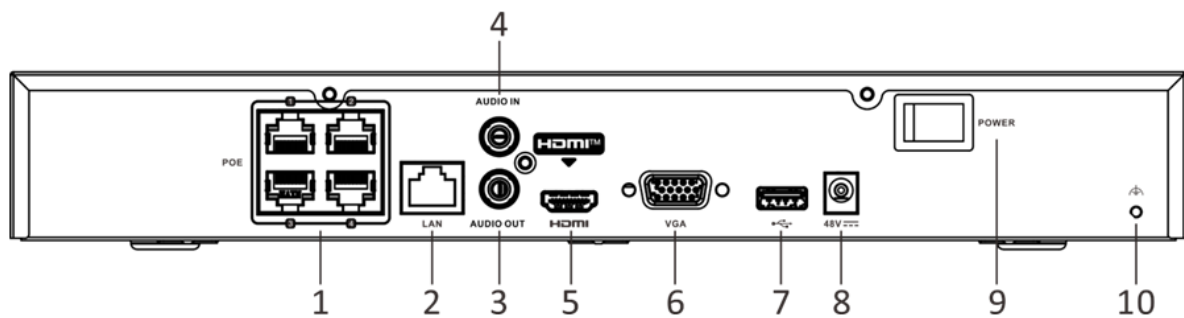
Note:

- Facial recognition and motion detection 2.0 cannot be enabled at the same time.

Dimension



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

NVR-104MH-K/4P(B)/AUS