

IPC-T280HA-LUF/SL **8 MP Smart Hybrid Light Fixed Turret Network Camera**





- High quality imaging with 8 MP resolution
- Support Human and Vehicle Detection
- Smart Hybrid Light: advanced technology with long range
- Efficient H.265+ compression technology
- Support on-board storage up to 512 GB (SD card slot)
- Provide real-time security via built-in two-way audio
- Water and dust resistant (IP67)





Specification

Image Sensor 1/2.7" Progressive Scan CMOS Max. Resolution 3840 × 2160 Max. Resolution 3840 × 2160 Min. Illumination Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pan: 0" to 360", tilt: 0" to 75", rotate: 0" to 360" Lens The Stand of Mark of the Stand of Mark of 100 to 100	Camera				
Shutter Time 1/3 s to 1/100,000 s Min. Illimination Color: 0.01 Lux @ (F2.0, AGC ON), B/W: 0 Lux with IR Day & Night IR cut filter Angle Adjustment Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360° Lens Lens Type Eens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 90°, vertical FOV 62°, diagonal FOV 134° A mm, horizontal FOV 90°, vertical FOV 49°, diagonal FOV 108° Lens Mount M12 Iris Type Fixed Aperture F2.0 DORI 2.8 mm, D: 79 m, O: 31 m, R: 15 m, I: 7 m 4 mm, D: 102 m, O: 40 m, R: 20 m, I: 10 m Illuminator Supplement Light Type IR, White Light Supplement Light Range Up to 30 m Supplement Light Range Up to 30 m IR wavelength Yes IR wavelength Yes IR wavelength Yes IR So 1m: Yes IR wavelength Yes In Sign (3840 × 2160, 3200 × 1800, 2688 × 1520, 1920 × 1080, 1280 × 720) Ob Hz: 15 fps (3840 × 2160, 3200 × 1800, 2688 × 1520, 192	Image Sensor	1/2.7" Progressive Scan CMOS			
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Day & Night	Shutter Time	1/3 s to 1/100,000 s			
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Name	Supplement Light Range	-			
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64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps	Audio Audio Type	Mono sound			
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	Audio Audio Type Audio Sampling Rate Environment Noise Filtering Audio Compression	Mono sound 8 kHz/16 kHz Yes G.711/G.722.1/G.726/MP2L2/PCM/AAC-LC			



Network					
	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
	Interface, security audit log, host authentication (MAC address)				
Simultaneous Live View	Up to 6 channels				
API	Open Network Video Interface (Profile S, Profile T, Profile G), ISAPI, SDK				
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP, UPnP				
User/Host	Up to 32 users 3 user levels: administrator, operator, and user				
Client	iVMS-4200, HiLookVision				
Web Browser	Plug-in required live view: IE 10, IE 11, Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+				
Image					
Wide Dynamic Range (WDR)	120 dB				
SNR	≥ 52 dB				
Day/Night Switch	Day, Night, Auto, Schedule				
Image Enhancement	BLC, HLC, 3D DNR				
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image Settings	adjustable by client software or web browser				
Privacy Mask	4 programmable polygon privacy masks				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GE				
Built-in Microphone	Yes, 1 built-in microphone				
Built-in Speaker	Max. power consumption: 1.5 W, max. sound pressure level: 10 cm: 95 dB.				
Reset Key	Yes				
Event					
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception				
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger recording, trigger capture, audible warning, flashing light				
General					
Power	12 VDC ± 25%, 0.66 A, max. 8 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9.5 W				
Material	Metal & Plastic				
Dimension	Ø112 mm × 102.7 mm (Ø4.41" × 4.04")				
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")				
Weight	· · · · · · · · · · · · · · · · · · ·				
With Package Weight	Approx. 360 g (0.8 lb.)				
Storage Conditions	Approx. 551 g (1.2 lb.)				
	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing) -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% of less (non-condensing)				
Startup and Operating Conditions Language	English, Ukrainian				



Flashing Light	Yes		
Approval			
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC		
	61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021,		
	RCM: AS/NZS CISPR 32: 2015,		
	IC: ICES-003: Issue 7		
Safety	CB: IEC 62368-1: 2014+A11,		
	CE-LVD: EN 62368-1: 2014/A11: 2017		
Environment	CE-RoHS: 2011/65/EU,		
	WEEE: 2012/19/EU,		
	Reach: Regulation (EC) No 1907/2006		
Protection	IP67: IEC 60529-2013		

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

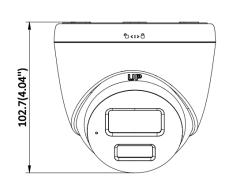
This model has NO SPECIFIC PROTECTION.

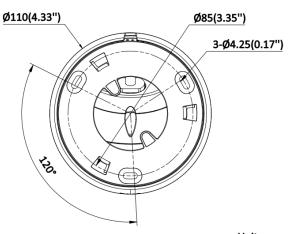
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Available Model

IPC-T280HA-LUF/SL(2.8mm)
IPC-T280HA-LUF/SL(4mm)

Dimension





Unit:mm



Accessory

Optional

DS-1272ZJ-110B Wall Mount	DS-1272ZJ-110 Wall Mount	DS-1271ZJ-110 Pendant Mount	DS-1275ZJ-SUS Vertical Pole Mount	DS-1276ZJ-SUS Corner Mount
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DS-1280ZJ-S Junction Box	DS-1281ZJ-S Inclined Ceiling Mount	DS-2280ZJ-WA110 Junction Box	DS-2210ZJ-WA-110 Pendant Mount	DS-2200ZJ-WA-110 Wall Mount

DS-2200ZJ-WAJ-110 **Wall Mount**



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