

HWI-T220HA-LU 2 MP Turret Bullet Network Camera





- High quality imaging with 2 MP resolution
- Support Human and Vehicle Detection
- Smart Dual-Light: advanced technology with long range
- Built-in microphone for real-time audio security
- Water and dust resistant (IP67)
- Efficient H.265+ compression technology



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Specification

Image Sensor1/2.9" Progressive Scan CMOSMax. Resolution1920 × 1080Max. Resolution1920 × 1080Min. IlluminationColor: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IRDay & NightIR cut filterAngle AdjustmentPan: 0" to 360", tilt: 0" to 75", rotate: 0" to 360"Day & NightIR cut filterLens TypeFixed focal lens, 2.8 and 4 mm optionalFocal Length & FOV2.8 mm, horizontal FOV 103", vertical FOV 56", diagonal FOV 121" 4 mm, horizontal FOV 103", vertical FOV 56", diagonal FOV 99"Lens MountM12Lens MountM12Lens MountM12In's TypeFixed Fo.al Length & FOVDRI2.8 mm, D: 45 m, 0: 18 m, R: 9 m, 1: 4 m 4 mm, 0: 56 m, 0: 22 m, R: 11 m, 1: 5 m Illuminator Supplement Light TypeSupplement Light TypeIR, White LightSupplement Light TypeS0 nm 50 for 122 or 180, 1280 × 720) 60 Hz: 30 fps (1420 × 1080, 1280 × 720) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (1420 × 480, 640 × 360) 60 Hz: 30 fps (140 ×	Camera					
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H.265 TypeMain ProfileBit Rate ControlCBR, VBRRegion of Interest (ROI)1 fixed region for main streamAudioAudio TypeMono sound	Video Bit Rate	32 Kbps to 8 Mbps				
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Region of Interest (ROI) 1 fixed region for main stream Audio Mono sound	Н.265 Туре	Main Profile				
Audio Audio Type Mono sound	Bit Rate Control	CBR, VBR				
Audio Type Mono sound	Region of Interest (ROI)	1 fixed region for main stream				
	Audio					
Environment Noise Filtering Yes	Audio Type	Mono sound				
	Environment Noise Filtering	Yes				
Audio Sampling Rate 8 kHz/16 kHz	Audio Sampling Rate	8 kHz/16 kHz				
Audio Compression G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC	Audio Compression	G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC				
Audio Bit Rate 64 Kbps (G.711 ulaw/G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps	Audio Bit Rate	64 Kbps (G.711 ulaw/G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps				
(MP2L2)/16 to 64 Kbps (AAC-LC)		(MP2L2)/16 to 64 Kbps (AAC-LC)				
Network	Network					
Password protection, complicated password, watermark, basic and digest		Password protection, complicated password, watermark, basic and digest				
Security authentication for HTTP, WSSE and digest authentication for Open Network Video	Security					
Interface, security audit log, host authentication (MAC address)		Interface, security audit log, host authentication (MAC address)				



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Simultaneous Live View	Up to 6 channels			
API	Open Network Video Interface (Profile S, Profile T), ISAPI, SDK			
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP			
User/Host	Up to 32 users			
User/host	3 user levels: administrator, operator, and user			
Client	iVMS-4200, Hik-Connect			
Web Browser	Plug-in required live view: IE 10, IE 11,			
Local service: Chrome 57.0+, Firefox 52.0+				
Image				
Wide Dynamic Range (WDR)	Digital WDR			
SNR	≥ 52 dB			
Day/Night Switch	Day, Night, Auto, Schedule			
Image Enhancement	BLC, HLC, 3D DNR			
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,			
inage 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			
Built-in Microphone	Yes			
Event				
Pasic Evont	Motion detection (support alarm triggering by specified target types (human and			
Basic Event	vehicle)), video tampering alarm, exception			
Linkage	Upload to FTP, send email, notify surveillance center, trigger capture			
General				
Power	12 VDC ± 25%, 0.4 A, max. 5 W, Ø5.5 mm coaxial power plug, reverse polarity			
	protection,			
	PoE: IEEE 802.3af, Class 3, max. 6.5 W			
Material	Metal & Plastic			
Dimension	Ø110 mm × 89.2 mm (Ø4.3" × 3.5")			
Package Dimension	150 mm × 150 mm × 141 mm (5.9" × 5.9" × 5.6")			
Weight	Approx. 340 g (0.7 lb.)			
With Package Weight	Approx. 560 g (1.2 lb.)			
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)			
Language	English, Ukrainian			
General Function	Heartbeat, anti-banding, mirror, password protection, password reset via email			
Approval				
EMC	CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN			
	50130-4: 2011+A1: 2014			
Safety	CE-LVD: EN 62368-1: 2014/A11: 2017			
	CE-RoHS: 2011/65/EU,			
Environment	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.

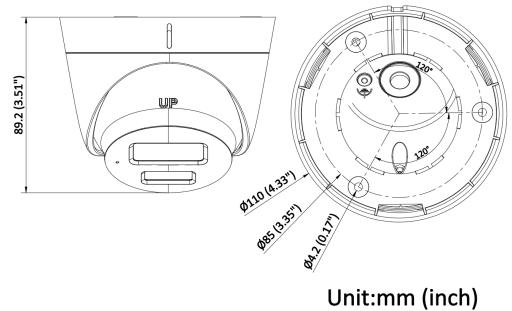
This model has NO SPECIFIC PROTECTION.

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

HWI-T220HA-LU (2.8/4 mm)

Dimension



Unit:mm (inch)



Accessory

Optional

DS-1275ZJ-SUS Vertical Pole Mount	DS-1281ZJ-S Inclined Ceiling Mount	DS-1280ZJ-S Junction Box	DS-1272ZJ-110-TRS Wall Mount	DS-1276ZJ-SUS Corner Mount

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