

CMIP7243W-SDZ

Platinum 4 MP Smart Motorized Varifocal Dome Network Camera



Empowered by deep learning algorithms, our technology brings human and vehicle target classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

- High quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Clear imaging against strong backlight thanks to 120 dB WDR technology
- High-efficiency H.265+ compression technology
- Water and dust resistance (IP67) and vandal resistance (IK10)
- Focus on human and vehicle classification based on deep learning

Specifications

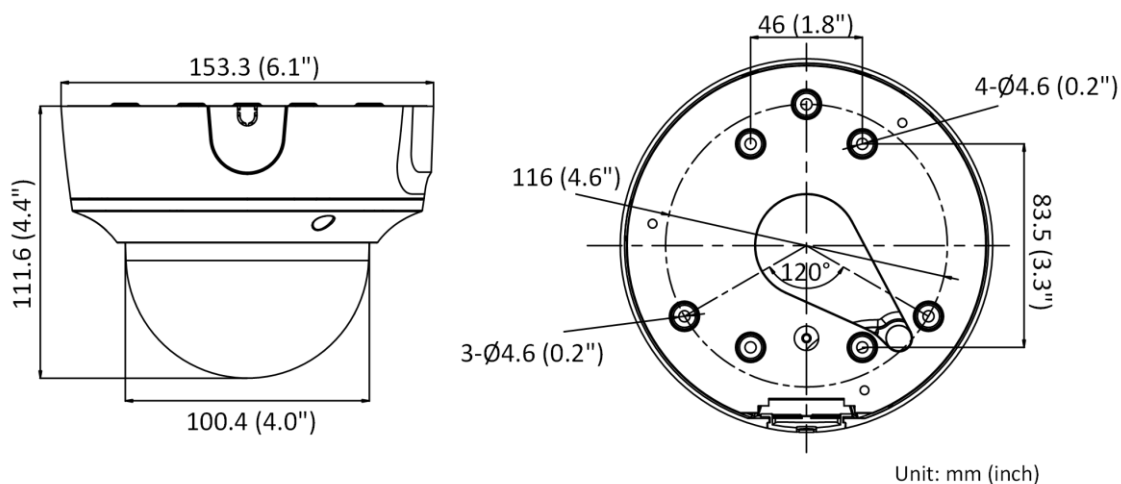
Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC on), 0 Lux with IR on
Shutter Speed	1/3 to 1/100,000 sec.
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	ICR Cut
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	
Lens Type & FOV	2.8 to 12 mm: Horizontal 95.8° to 29.2°, vertical 50.6° to 16.4°, diagonal 114.6° to 33.4°
Aperture	F1.6
Lens Mount	Ø 14
Detection, Observation, Recognition, Identification	
DORI	2.8 to 12 mm: D: 64 m to 200 m, O: 25.4 m to 79.4 m, R: 12.8 m to 40 m, I: 6.4 m to 20 m
Illuminator	
IR Range	Up to 131 ft (40 m)
Wavelength	850 nm
Video	
Max. Resolution	2688 × 1520
Main Stream	50 Hz: 25 fps (2688 × 1520, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (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)
Video Compression	Main stream: H.264 / H.264+ / H.265 / H.265+ Sub-stream: MJPEG / H.264 / H.265 Third stream: H.264 / H.265
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile / Main Profile / High Profile
H.265 Type	Main Profile
H.264+	Main Stream
H.265+	Main Stream
Bit Rate Control	CBR / VBR
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
Audio	
Environmental Noise Filtering	Yes
Audio Sampling Rate	8 / 16 / 32 / 44.1 / 48 kHz
Audio Compression	G.711 ulaw / G.711 alaw / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC

Audio Bit Rate	64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 16 Kbps - 64 Kbps (AAC) / 32 - 192 Kbps (MP2L2) / 8 - 320 Kbps (MP3)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (Profile S, Profile G), ISAPI, SDK
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS, PPPoE
User / Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface
Network Storage	MicroSD / SDHC / SDXC cards (256 GB) for local storage, and NAS (NFS, SMB / CIFS), auto network replenishment (ANR)
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view : Chrome 57.0+, Firefox 52.0+ Local service: Chrome 57.0+, Firefox 52.0+
Imaging	
Day / Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate, mirror, privacy masks, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Audio	1 input (line in), max. input amplitude: 3.3 vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), max. output amplitude: 3.3 vpp, output impedance: 100 Ω , interface type: non-equilibrium
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)
On-board Storage	Built-in MicroSD, up to 256 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10/100 Mbps self-adaptive Ethernet port
Event Types	
Basic Events	Motion detection (human and vehicle targets classification), video tampering alarm, exceptions / anomalies
Face Detection	Yes
Deep Learning Functions	
Perimeter Protections	Line crossing detection, intrusion detection Supports human and vehicle target classification
General	
Linkage Method	Upload to FTP / memory card / NAS, notify surveillance center, trigger record, trigger capture, Email
Web Client Languages (33)	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 reset via e-mail, pixel counter
Storage Conditions	-22° to 140° F (-30° to 60° C); Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-22° to 140° F (-30° to 60° C); Humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, reverse polarity protection PoE: 802.3 af, Class 3
Power Consumption and Current	12 VDC, 0.88 A, max. 10.5 W PoE: (802.3 af, 36 V to 57 V), 0.35 A to 0.22 A, max. 12.5 W
Power Interface	Ø 5.5 mm coaxial power plug
Materials	Upper cover and base: metal Bubble: plastic
Camera Dimensions	Ø 6.1 × 4.4 in. (Ø 153.3 × 111.6 mm)
Package Dimensions	9.7 × 6.9 × 6.9 in. (244 × 174 × 173 mm)
Camera Weight	Approx. 1.9 lbs (880 g)
Package Weight	Approx. 3.1 lbs (1,419 g)
Certifications	
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) CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013) BIS (IS 13252 (Part 1): 2010 + A1:2013 + A2:2015)
Environmental	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protections	IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)



Dimensions



Accessories (Optional)

LTB722	LTB781	LTB388	LTB389	LTB342-155
Junction Box	Pendant Mount	Vertical Pole Mount	Corner Mount	Wall Mount
				