

CMIP7C43W-SDZ

Platinum 4 MP Color 24/7 Motorized Varifocal Dome Network Camera



LTS Color 24/7 technology provides colorful images around the clock with advanced lenses and high-performance sensors. Its F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 4 MP resolution
- Motorized varifocal lens for easy installation and monitoring
- Colorful imaging 24/7
- Clear imaging against strong backlight thanks to 130 dB WDR technology
- Focus on human and vehicle target classification based on deep learning technology
- Efficient H.265+ compression technology
- Water and dust resistant (IP67) and vandal resistant (IK10)

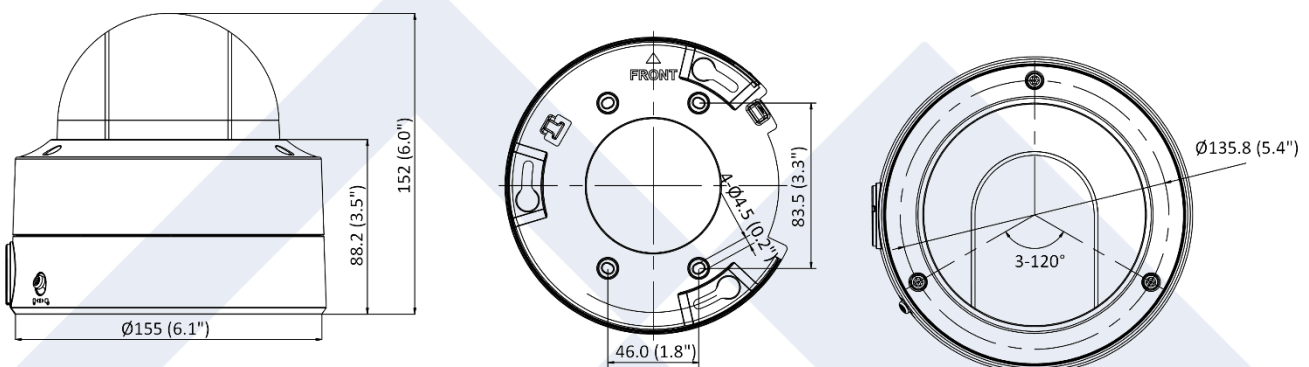
Specifications

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	2688 × 1520
Min. Illumination	Color: 0.0005 Lux @ (F1.0, AGC ON), 0 Lux with light
Shutter Time	1/3 sec. to 1/100,000 sec.
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Day & Night	24/7 color imaging
Lens	
Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm
Focal Length & FOV	2.8 to 12 mm, horizontal 105.4° to 56.4°, vertical 53.9° to 31.6°
Lens Mount	Integrated
Iris Type	DC iris
Aperture	F1.0
Depth of Field	1.9 m to ∞
Detection, Observation, Recognition, Identification	
DORI	D: 66.8 m to 110.4 m, O: 26.5 m to 43.8 m, R: 13.4 m to 22.1 m, I: 6.7 m to 11 m
Illuminator	
Supplemental Light Type	White Light
Supplemental Light Range	Up to 40 m
Smart Supplemental Lighting	Yes
Video	
Main Stream	30 fps (2688 × 1520, 1920 × 1080, 1280 × 720)
Sub-Stream	30 fps (1280 × 720, 640 × 480, 640 × 360)
Third Stream	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
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile, Main Profile, High Profile
H.265 Type	Main Profile
Bit Rate Control	VBR, CBR
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region(s) for main stream and sub-stream
Audio	
Audio Compressions	G.711 / G.722.1 / G.726 / MP2L2 / PCM / MP3 / AAC-LC
Audio Bit Rates	64 Kbps (G.711 ulaw / G.711 alaw) / 16 Kbps (G.722.1) / 16 Kbps (G.726) / 32 to 192 Kbps (MP2L2) / 8 to 320 Kbps (MP3) / 16 to 64 Kbps (AAC-LC)
Audio Sampling Rates (kHz)	8 / 16 / 32 / 44.1 / 48
Environmental Noise Filtering	Yes
Network	
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, WebSocket, WebSockets
Simultaneous Live View	Up to 6 channels

API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK
User/Host	Up to 32 users 3 user levels: Administrator, operator, and user
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.1 / 1.2 / 1.3, host authentication (MAC address)
Network Storage	NAS (NFS, SMB / CIFS), Auto Network Replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
Client	LTS connect, NVMS, X-VMS
Web Browser	Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
Image	
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day / Night Switch	Day, Night, Auto, Schedule
Wide Dynamic Range (WDR)	130 dB
SNR	≥ 52 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 regions of privacy mask
Interface	
Ethernet Interface	1 x RJ45 10 M/100 M self-adaptive Ethernet port
On-Board Storage	Built-in memory card slot, supports MicroSD / SDHC / SDXC cards, up to 512 GB
Audio	1 input (line in), 2-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium 1 output (line out), 2-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input(s), 1 output(s) (max. 24 VDC / 24 VAC, 1 A)
Reset Key	Yes
Event Types	
Basic Events	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Smart Events	Line crossing, intrusion, region entrance, region exiting (support alarm triggered by specified target types (human and vehicle)), and scene change detections
Linkage	Upload to FTP / NAS / memory card, notify surveillance center, trigger recording, trigger capture, send email, trigger alarm output, white light flashing
Other VCA Function	
Face Capture	Yes

General		IS™
Power	12 VDC $\pm$ 25%, 0.9 A, max. 10.8 W, $\varnothing$ 5.5 mm coaxial power plug, reverse polarity protection PoE: 802.3af, Class 3, 36 V to 57 V, 0.36 A to 0.23 A, max. 12.9 W	
Dimensions	$\varnothing$ 6.1" $\times$ 6.0"	
Package Dimensions	8.9 $\times$ 7.8 $\times$ 8.7 in.	
Weight	Approx. 3.4 lbs	
Package Weight	Approx. 4.6 lbs	
Storage Conditions	-22° to 140° F. Humidity 95% or less (non-condensing)	
Startup and Operating Conditions	-22° to 140° F. Humidity 95% or less (non-condensing)	
General Function	Heartbeat, anti-banding, mirror, flash log, password reset via email, pixel counter	
Certifications		
EMC	FCC: 47 CFR Part 15, Subpart B CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013 + A1: 2019, EN 50130-4: 2011 + A1: 2014 RCM: AS/NZS CISPR 32: 2015 IC: ICES-003: Issue 7 KC: KN32: 2015, KN35: 2015	
Safety	UL: UL 62368-1 CB: IEC 62368-1: 2014 + A11 CE-LVD: EN 62368-1: 2014/A11: 2017 LOA: IEC/EN 60950-1	
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

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