



Features

- High-quality image with 4MP, 1/3.0" CMOS sensor
- 4 MP (2688 × 1520)@25/20 fps; 4 MP (2560 × 1440)@25/20 fps; 3 MP (2304 × 1296)@30/25 fps; 1080P (1920 × 1080)@30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- 120 dB true WDR technology enables clear image in strong light scenes
- Supports 9:16 corridor mode
- Smart IR, up to 40 m (131.2 ft) IR distance
- MicroSD, up to 512 GB
- IP67 protection
- Supports PoE power supply
- 3-axis

Specifications

CAMERA		
Max Resolution	4 MP	
Sensor	1/3.0" CMOS	
Min. Illumination	Color: 0.003 lux (F1.6, AGC ON), 0 lux with IR on	
Day/Night	IR-cut filter with auto switch (ICR)	
Shutter	Auto/Manual, 1~1/100000s	
Adjustment Angle	Pan	0° to 360°
	Tilt	0° to 75°
	Rotate	0° to 360°
S/N	>52 dB	
WDR	120 dB	

LENS		
Focal Length	2.8-12 mm	
Iris Type	Fixed	
Iris	F1.6	
Field of View	(H)	91.5° to 34°
	(V)	51° to 18.9°
	(D)	96° to 36.9°
DORI		
DORI Distance	Lens	2.8-12 mm
	Detect	63-270 m (206.7-885.8 ft)
	Observe	25.2-108 m (82.7-354.3 ft)
	Recognize	12.6-54 m (41.3-177.2 ft)
Identify	6.3-27 m (20.7-88.6 ft)	
ILLUMINATOR		
Supplemental Light	IR	
Illumination Distance (IR)	40 m (131.2 ft)	
Wavelength	850 nm	
IR On/Off Control	Auto/Manual	
VIDEO		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
H.264 Code Profile	Baseline profile, Main profile, High profile	
Frame Rate	Main Stream	4MP (2688 × 1520), max. 25 fps; 4MP (2560 × 1440), max. 25 fps; 3MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps
	Sub Stream	720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps
Video Bit Rate	128-6144 Kbps	
U-Code	Support	
OSD	Up to 4 OSDs	

Specifications

Privacy Mask	Up to 4 areas
ROI	Support
Video Stream	Dual streams
IMAGE	
White Balance	Auto, Outdoor, Fine Tune, Sodium Lamp, Locked, Auto2
Digital Noise Reduction	2D/3D DNR
Smart IR	Support
Flip	Normal, Flip vertical, Flip horizontal, 180°, 90° Clockwise, 90° Anti-clockwise
Dewarping	N/A
HLC	Support
BLC	Support
Defog	Digital defog
EVENTS	
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio detection, Cross line (based on human body detection), Intrusion (based on human body detection)
General Function	Watermark, IP address filtering, Access policy, ARP protection, RTSP authentication, User authentication, HTTP authentication
AUDIO	
Audio Compression	G.711U, G.711A
Audio Bitrate	64 Kbps
Two-Way Audio	N/A
Suppression	Support
Sampling Rate	8 kHz
STORAGE	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)

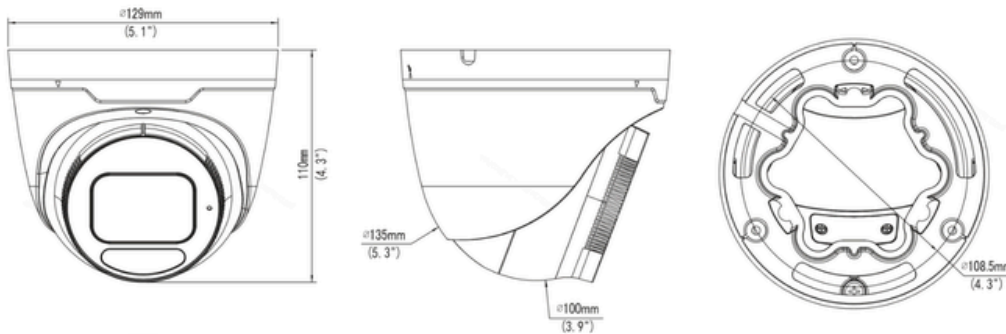
NETWORK		
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL/TLS, QoS, SNMP	
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API, SDK	
User/Host	Up to 32 users, 2 user levels: administrator and common user	
Security	Password Protection, Strong Password, HTTPS Encryption, Export Operation Logs, Basic and Digest Authentication for RTSP, Digest Authentication for HTTP, TLS 1.2, WSSE and Digest Authentication for ONVIF	
Client	EZStation, APP	
Web Browser	Plugin Live View	IE 10+, Chrome 45+, Firefox 52+, Edge 79+
	Plugin-Free Live View	Chrome 57+, Firefox 58+, Edge 16+
INTERFACE		
Audio I/O	N/A	
Alarm I/O	N/A	
Serial Port	N/A	
Built-In Mic	Support	
Built-In Speaker	N/A	
WiFi	N/A	
Network	1 × RJ45 10M/100M Base-TX Ethernet	
Video Output	N/A	
CERTIFICATION		
EMC	CE-EMC (EN 55032, EN 61000-3-3, EN IEC 61000-3-2, EN 55035) FCC (FCC 47 CFR part15 B)	
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU)	

Specifications

Safety	CE LVD (EN 62368-1) CB (IEC 62368-1) UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Protection	IP67 (IEC 60529)
GENERAL	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 7.5 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions (Ø × H)	Ø129 mm × 110 mm (Ø5.1" × 4.3")

Weight	0.66 kg (1.46 lb)	
Material	Metal	
Working Environment	Temperature	-30°C to +60°C (-22°F to +140°F)
	Humidity	≤95% RH (non-condensing)
Storage Environment	Temperature	-30°C to +60°C (-22°F to +140°F)
	Humidity	≤95% RH (non-condensing)
Surge Protection	6 kV	
Reset Button	Support	
Web Client Language	English, Russian, Spanish, Vietnamese	

Dimensions



Accessories



Junction Box for Metal Turret
(Support wiring from behind)



NPT 3/4" Waterproof Cable Gland



Dome Pendant Mounting Pole
(200 mm)



Dome Pendant Mounting Pole
(500 mm)



Dome Pendant Mounting Bracket
(Indoor)



Bullet & Dome Corner Mounting
Bracket



Wall Mounting Assembling
Bracket with Back Hole for 3-Inch
Hemisphere



Wall Mounting Assembling
Bracket for 3-Inch Hemisphere



Junction Box for Metal Turret
(Support wiring from behind)



Pole Mounting Bracket for Bullet
Junction Box Only