



Features

- High-quality image with 5MP, 1/2.7" CMOS sensor
- 5MP (2880 × 1620) @30/25 fps; 4MP (2560 × 1440) @30/25 fps; 3MP (2304 × 1296) @30/25 fps; 1080P (1920 × 1080) @30/25 fps
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, including cross line, intrusion, enter area, leave area detection
- Intelligent intrusion prevention system based on target classification significantly reduces false alarms caused by leaves, birds, and lights, focusing instead on humans, vehicles, and non-motor vehicles
- Supports sound and light alarm linkage with smart intrusion prevention to trigger audio alerts and light warnings
- Intelligent people flow counting and crowd density monitoring
- 120 dB true WDR technology enables clear image in strong light scenes
- Supports 9:16 corridor mode
- Built-in mic and speaker
- Smart IR, up to 30 m (98.4 ft) IR distance
- MicroSD, up to 512 GB
- IP67 protection
- Supports PoE power supply

Specifications

CAMERA				
Max Resolution	5 MP			
Sensor	1/2.7" CMOS			
Min. Illumination	Color: 0.002 lux (F1.6, AGC ON), 0 lux with light			
Day/Night	IR-cut filter with auto switch (ICR)			
Shutter	Auto/Manual, 1~1/100000s			
Adjustment Angle	Pan	Tilt	Rotate	
	0° to 360°	0° to 80°	0° to 360°	
S/N	>52 dB			
WDR	120 dB			
LENS				
Focal Length	2.8 mm / 4.0 mm			
Iris Type	5 MP			
Iris	F1.6			
Lens Type	Fixed			
Field of View	Lens	(H)	(V)	(D)
	2.8 mm	110°	58.7°	130°
	4.0 mm	91.2°	43.7°	95.3°
DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
2.8 mm	63 m (206.7 ft)	25.2 m (82.7 ft)	12.6 m (41.3 ft)	6.3 m (20.7 ft)
4.0 mm	90 m (295.3 ft)	36 m (118.1 ft)	18 m (59.1 ft)	9 m (29.5 ft)
ILLUMINATOR				
Supplemental Light	Dual light			
Illumination Distance	IR	30 m (98.4 ft)		
	Warm Light	30 m (98.4 ft)		
Light On/Off Control	Auto/Manual			
Wavelength	850 nm			

Specifications

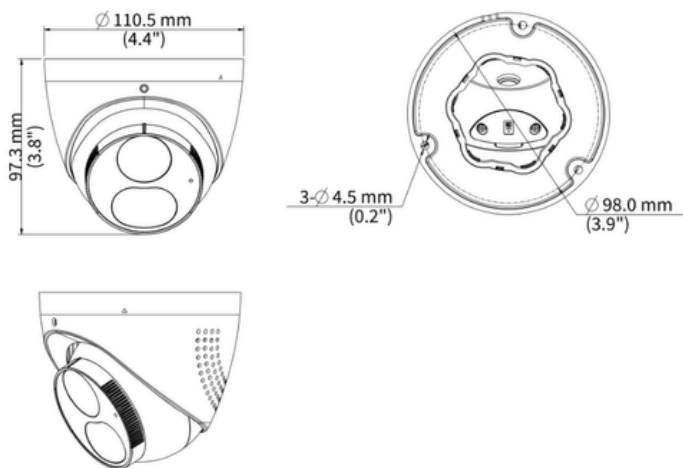
VIDEO		
Video Compression	Ultra 265, H.265, H.264, MJPEG	
H.264 Code Profile	Baseline profile, Main profile, High profile	
Frame Rate	Main Stream	5MP (2880×1620), max 30fps; 4MP (2560×1440), max 30fps; 3MP (2304×1296), max 30fps; 1080P (1920×1080), max 30fps
	Sub Stream	720P (1280×720), max 30fps; D1 (720×576), max 30fps; 640×360, max 30fps
	Third Stream	D1 (720×576), max 30fps; 640×360, max 30fps; 2CIF (704×288), max 30fps; CIF (352×288), max 30fps
Video Bit Rate	128 Kbps to 16 Mbps	
U-Code	Support	
OSD	Up to 8 OSDs	
Privacy Mask	Up to 4 areas	
ROI	Support	
Video Stream	Triple 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	
INTELLIGENT		
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (false alarm filtering with classification of human, non-motor vehicle, and vehicle)	

Statistical Analysis	N/A	
People Counting	Support people flow counting and crowd density detection	
EVENTS		
Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio 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	Support	
Suppression	Support	
Sampling Rate	8 kHz	
STORAGE		
Edge Storage	Micro SD, up to 512 GB	
Compatible Integration	ONVIF (Profile S, Profile G, Profile T, Profile M), API, SDK	
User/Host	Up to 32 users; 3 user levels: administrator, common user, and operator	
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	

Specifications

Alarm I/O	N/A
Serial Port	N/A
Built-In Mic	Support
Built-In Speaker	Support
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)
Safety	CE LVD (EN 62368-1); CB (IEC 62368-1); UL/CUL (UL 62368-1, CAN/CSA C22.2 No. 62368-1)
Environment	CE-RoHS (2011/65/EU; (EU)2015/863); WEEE (2012/19/EU)
Protection	IP67 (IEC 60529)
GENERAL	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 7.5 W

Dimensions



Power Interface	$\varnothing 5.5$ mm coaxial power plug
Dimensions ($\varnothing \times H$)	$\varnothing 111$ mm \times 95 mm ($\varnothing 4.4$ " \times 3.7")
Weight	0.44 kg (0.97 lb)
Material	Metal + Plastic
Working Temperature	-30°C to +60°C (-22°F to +140°F)
Working Humidity	$\leq 95\%$ RH (non-condensing)
Storage Temperature	-30°C to +60°C (-22°F to +140°F)
Storage Humidity	$\leq 95\%$ RH (non-condensing)
Surge Protection	4 kV
Reset Button	N/A
Web Client Language	20 Languages: Traditional Chinese, English, Simplified Chinese, Polish, German, Russian, French, Korean, Dutch, Czech, Portuguese (Europe), Portuguese (Brazil), Japanese, Thai, Turkish, Spanish (Latin America), Spanish (Europe), Hungarian, Italian, Vietnamese

Accessories

