



Features

- High-quality image with 5 MP, 1/2.7" CMOS sensor
- Wide-angle technology with horizontal viewing angle of 180°
- The dewarp level can be configured in the range of 1 to 9
- Smart intrusion prevention (cross line, intrusion, enter area, leave area detection) system based on target classification focuses on humans, vehicles, and non-motor vehicles while reducing false alarms caused by leaves, birds, and lights
- True WDR technology enables clear image in strong light scenes
- Built-in mic
- Smart IR, up to 20 m (65.6 ft) IR distance
- IP67 protection
- IK10 vandal resistant

Specifications

CAMERA			
Max Resolution	5 MP		
Sensor	1/2.7" CMOS		
Minimum Illumination	Color: 0.01 Lux (F2.0, 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	Tilt	Rotate
	0° to 360°	0° to 75°	0° to 360°
S/N	>52 dB		
WDR	120 dB		

LENS				
Focal Length	1.68 mm			
Iris Type	Fixed			
Iris	F2.0			
Field of View	H	V	D	
	180°	100°	180°	
Lens Type	Fixed			
DORI DISTANCE				
Lens	Detect	Observe	Recognize	Identify
1.68 mm	37.8 m (124 ft)	15.1 m (49.6 ft)	7.6 m (24.9 ft)	3.8 m (12.5 ft)
ILLUMINATOR				
Supplemental Light	IR			
IR Distance	20 m (65.6 ft)			
IR On/Off Control	Auto/Manual			
Wavelength	850 nm			
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. 30 fps; 4MP (2560 × 1440), max. 30 fps; 3MP (2304 × 1296), max. 30 fps; 1080P (1920 × 1080), max. 30 fps; 1280 × 720, max. 30 fps		
	Sub Stream	1080P (1920 × 1080), max. 30 fps; 720P (1280 × 720), max. 30 fps; D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps		
	Third Stream	D1 (720 × 576), max. 30 fps; 640 × 360, max. 30 fps; 2CIF (704 × 288), max. 30 fps; CIF (352 × 288), max. 30 fps		
Video Bit Rate	128 Kbps to 16 Mbps			

Specifications

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
Smart IR	Support
Digital Noise Reduction	2D/3D DNR
Flip	Normal, Flip vertical, Flip horizontal, 180°
Dewarping	Support
HLC	Support
BLC	Support
Defog	Digital defog
INTELLIGENT	
Smart Intrusion Prevention	Cross line detection, intrusion detection, enter area detection, leave area detection (support false alarm filtering and the classification of human, non-notor vehicle, and vehicle)
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	N/A
Suppression	Support
Sampling Rate	8 kHz
STORAGE	
Edge Storage	MicroSD, up to 512 GB
Network Storage	ANR, NAS (NFS)
NETWORK	
Protocols	IPv4, IPv6, IGMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, RTMP, DNS, DDNS, NTP, FTP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS
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	Plug-in required live view: IE 10+, Chrome 45+, Firefox 52+, Edge 79+ Plug-in 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
Wi-Fi	N/A

Specifications

Network	1 × RJ45 10 M/100 M 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) IK10 (IEC 62262)
GENERAL	
Power	DC 12 V±25%, PoE (IEEE 802.3af)
Power Consumption	Max. 5.5 W
Power Interface	Ø5.5 mm coaxial power plug
Dimensions	Ø111 mm × 93 mm (Ø4.4" × 3.7") (Ø × H)
Weight	0.48 kg (1.06 lb)
Material	Metal
Working Environment	-30 °C to 60 °C (-22 °F to 140 °F); Humidity: ≤ 95% RH (non-condensing)
Storage Environment	-30 °C to 60 °C (-22 °F to 140 °F); Humidity: ≤ 95% RH (non-condensing)
Surge Protection	4 KV
Reset Button	Support

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

Dimensions

