



Features

- High quality image with 8MP, 1/1.8"CMOS sensor
- 8MP (3840*2160)@ 30(AI off)/25fps; 5.3MP (3072*1728)@ 30/25fps; 3.6MP (2560*1440) @30/25fps; 2MP (1920*1080) @30/25fps; 720P (1280*720), Max 30/25fps;
- Ultra 265, H.265, H.264, MJPEG
- Smart intrusion prevention, include cross line, intrusion, enter area, leave area detection
- Based on target classification, smart intrusion prevention significantly reduce false alarm caused by leaves, birds and lights etc., accurately focus on human and, motor vehicle and non-motor vehicle
- Intelligent People Flow Counting and Crowd Density Monitoring
- Colorhunter technology ensures 24-hour full-color images
- F1.0 Super aperture
- 120dB true WDR technology enables clear image in strong light scene
- Support 9:16 corridor Mode
- Alarm:1 in/1 out, Audio: 1 in/1 out
- Supports 256 G micro SD card
- IK10 vandal resistant and IP67 protection

Specification

Camera	
Sensor	1/1.8", 8.0 megapixel, progressive scan, CMOS
Minimum Illumination	Colour: 0.0005 lux (F1.0, AGC ON)
Shutter	Auto/Manual, 1 ~ 1/100000s

Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 72°		Rotate: 0° ~ 360°	
WDR	120dB					
S/N	>56dB					
Lens						
Lens	2.8mm@F1.0			4.0mm@F1.0		
Iris	Fixed					
Field of View (H)	110.15°			94.29°		
Field of View (V)	59.06°			49.73°		
Field of View (D)	143.19°			115.97°		
DORI						
	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
DORI Distance	2.8	63.0	25.2	12.6	6.3	
	4.0	90.0	36.0	18.0	9.0	
Illuminator						
LED Distance	Up to 30m (98ft)					
LEDs Number	2					
LED On/Off Control	Auto/Manual					
Video						
Video Compression	Ultra265, H.265, H.264, MJPEG					
H.264 code profile	Baseline profile, Main profile, High profile					
Frame Rate	Main Stream: 8MP (3840*2160), Max 30fps;5.3MP (3072*1728), Max 30fps; 3.6MP (2560*1440), Max 30fps; 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; Sub Stream: 1080P (1920*1080), Max 30fps; 720P (1280*720), Max 30fps; D1 (720*576), Max 30fps; 640*360,Max 30fps; 2CIF(704*288), Max 30fps; CIF(352*288), 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~16 Mbps					
U-code	Support					
OSD	Up to 8 OSDs					
Privacy Mask	Up to 4 areas					
ROI	Up to 8 areas					
Video Stream	Triple streams					

Image

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
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Digital Noise Reduction	2D/3D DNR
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Smart Illumination	Support
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Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
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Dewarping	N/A
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HLC	Support
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BLC	Support
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Defog	Digital Defog
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Intelligent

Smart intrusion prevention	Support false alarm filtering: Cross Line detection, Intrusion detection, Enter Area detection, Leave Area detection
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Statistical Analysis	People counting, support people flow counting and crowd density monitoring
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Events

Basic Detection	Motion detection, Ultra motion detection, Tampering alarm, Audio Detection
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General Function	Watermark, IP Address Filtering, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication
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Audio

Audio Compression	G.711
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Audio Bitrate	64 Kbps
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Two-way audio	Support
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Suppression	Support
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Sampling Rate	8KHZ
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Storage

Edge Storage	Micro SD, up to 256 GB
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Network Storage	ANR, NAS(NFS)
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Network

Protocols	IPv4, IPv6,IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, QoS, RTMP,SSL/TLS, SSH
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Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API,SDK
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User/Host	Up to 32 users. 2 user levels: administrator and common user
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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 EZView EZLive
Web Browser	Plug-in required live view: IE 10 and above, Chrome 45 and above, Firefox 52 and above, Edge 79 and above Plug-in free live view: Chrome 57.0 and above, Firefox 58.0 and above, Edge 16 and above
Interface	
Audio I/O	Input: impedance 35k Ohm; amplitude 2V [p-p] Output: impedance 600 Ohm; amplitude 2V [p-p]
Alarm I/O	1/1
RS485	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
Certifications	
EMC	CE-EMC (EN 55032: 2015+A1:2020, EN 61000-3-3: 2013+A1: 2019, EN IEC 61000-3-2: 2019+A1: 2021, EN 55035: 2017+A11:2020) FCC (FCC CFR 47 part15 B, ANSI C63.4-2014)
Safety	CE LVD (EN 62368-1:2014+A11:2017) CB (IEC 62368-1:2014) UL (UL 62368-1, 2nd Ed., Issue Date: 2014-12-01)
Environment	CE-RoHS (2011/65/EU;(EU)2015/863); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	IP67 (IEC 60529:1989+AMD1:1999+AMD2:2013) IK10 (IEC 62262:2002)
General	
Power	DC 12V±25%, PoE (IEEE 802.3af) Power consumption: Max 11W
Power Interface	Ø 5.5mm coaxial power plug
Dimensions (Ø x H)	129 x 110mm (5.1" x 4.3")
Weight	0.64kg (1.41lb)
Material	Metal
Operating Conditions	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)
Storage Environment	-30°C ~ 60°C (-22°F ~ 140°F), Humidity: ≤95% RH (non-condensing)

Surge
Protection 4KV

Reset Button Support