



Features

Optics

- Day/night functionality
- Smart IR, up to 30 m (98 ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)

Compression

- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- ROI (Region of Interest)

Network

- ONVIF Conformance

Structure

- Wide temperature range: -30°C ~ +60°C (-22°F ~ 140°F)
- Wide voltage range of ±25% IP67
- 3-Axis

SPECIFICATIONS

CAMERA

Sensor	1/3", 8.0 megapixel, progressive scan, CMOS				
Lens	2.8mm@F2.0				
DORI Distance	Lens	Detec (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8mm	84	33.6	16.8	8.4
Angle of view(H)	112.7°				
Angle of View (V)	60.1°				
Angle of View (O)	146.5°				
Shutter	Auto/Manual, 1~1/100000 s				
Adjustment angle	Pan: 0°~360°, Tilt: 0°~80°, Rotate:0°~360°				
Min. Illumination	Color: 0.05 Lux (2.0, AGC ON) 0 Lux with IR				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>56dB				
IR Range	Up to 30m (98 ft) IR range				
Wavelength	850nm				
IR On/Off Control	Auto/Manual				
Defog	Digital Defog				
WDR	120dB				

VIDEO

Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline Profile, Main Profile
Frame Rate	Main Stream:8MP (3840 x 2160): Max. 20 fps;5MP(2944 x 1656): Max. 30 fps; 4MP(2560 x 1440): Max. 30 fps; 2MP(1920 x 1080): Max. 30 fps
	Sub Stream:720P (1280 x 720): Max. 20 fps
	Third Stream:4CIF (704 x 576): Max. 20 fps
Video Bit Rate	128 Kbps~16 Mbps
OSD	Up to 4 OSDs
Privacy Mask	Up to 4 areas
ROI	Up to 2 areas
Motion Detection	Up to 4 areas

IMAGE

White Balance	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
DNR	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
Dewarping	NA
HLC	Supported
BLC	Supported

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS
Compatible Integration	ONVIF (Profile S+ Profile T), API

Client	EZStation EZView EZLive
Web Browser	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, SSL, QoS ONVIF (Profile S+ Profile T), API
INTERFACE	
Network	10/100M Base-TX Ethernet
CERTIFICATIONS	
Certifications	CE: EN 60950-1 FCC: FCC Part 15
GENERAL	
Power	12 V DC ±25%, PoE (IEEE802.3 af)
Power Consumption	Max 5W
Dimensions (Ø x H)	Φ118×96mm (Φ4.6"×3.8")
Net Weight	0.33kg (0.73lb)
Material	Front cover: metal Rear cover: plastic Bracket: plastic Bottom plate: metal
Working Environment	-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	2KV
Ingress Protection	IP67

Features

