



Features

Optics

- Day/night functionality
- Smart IR , up to 30 m (98 ft) IR distance
- IR anti-reflection window to increase the infrared transmittance
- 2D/3D DNR (Digital Noise Reduction)

Compression

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

Network

- ONVIF Conformance

Structure

- Wide temperature range: -40°C to 60°C (-40°F to 140°F)
- Wide voltage range of $\pm 25\%$

- IK10 vandal resistant
- IP67
- 3-Axis

Specification

Camera					
Sensor	1/2.7", 5.0 megapixel, progressive scan, CMOS				
Lens	2.8 ~ 12mm, manual zoom lens				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	2.8	63	25.2	12.6	6.3
Angle of View (H)	105.3° ~ 25.4°				
Angle of View (V)	69.5° ~ 18.4°				
Angle of View (O)	136.9° ~ 31.2°				
Adjustment angle	Pan: 0° ~ 360°		Tilt: 0° ~ 80°		

Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.005Lux (F1.6, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
Digital noise reduction	2D/3D DNR
IR Range	Up to 30m (98ft) IR range
Wavelength	850nm
IR On/Off Control	Auto/Manual
Defog	Digital Defog
WDR	DWDR
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile
Frame Rate	Main Stream: 5MP (2592*1944), Max 20fps; Sub Stream: 720P (1280*720), Max 20fps

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
Digital noise reduction	2D/3D DNR
Smart IR	Support
Flip	Normal/Vertical/Horizontal/180°
Dewarping	NA
HLC	Supported
BLC	Supported
Storage	

Edge Storage	Micro SD, up to 256 GB
Network Storage	ANR
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 G, Profile T), API
Client	EZStation EZView EZLive
Web Browser	Plug-in required live view: IE9+, Chrome 41 and below, Firefox 52 and below
	Plug-in free live view: Chrome 57.0+, Firefox 58.0+, Edge 16+, Safari 11+
Interface	
Network	1 RJ45 10M/100M Base-TX Ethernet
Certifications	
Certifications	CE: EN 60950-1 UL: UL60950-1 FCC: FCC Part 15
General	

Power	DC 12V±25%, PoE (IEEE 802.3af)
	Power consumption: Max 8.7W
Dimensions (Ø x H)	148 x 111.3mm (Ø5.8" x 4.4")
Net Weight	0.92kg (2.0lb)
Material	Metal + Plastic
Working Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: 95% RH (non-condensing)
Storage Environment	-40°C ~ 60°C (-40°F ~ 140°F), Humidity: 95% RH (non-condensing)
Surge Protection	6KV
Ingress Protection	IP67
Vandal Resistant	IK10
Reset Button	Supported