

Features

Optics

- Day/night functionality
- Smart IR, up to 15m (49ft) IR distance
- 2D/3D DNR (Digital Noise Reduction)
- Up to 120dB Optical WDR (Wide Dynamic Range)



Compression

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

Network

- ONVIF Conformance

Structure

- Wide temperature range: -35°C ~ 60°C (-31°F ~ 140°F)
- Wide voltage range of $\pm 25\%$
- Built-in microphone
- IK10 vandal resistant

- IP67
- 3-Axis

Specification

IPC314SR-DVPF28			IPC314SR-DVPF36			
Camera						
Sensor	1/3", 4.0 megapixel, progressive scan, CMOS					
Lens	2.8mm@F2.0			3.6mm@F2.0		
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)	
	2.8	63	25.2	12.6	6.3	
	3.6	81	32.4	16.2	8.1	
Angle of View (H)	104.4°			76.8°		
Angle of View (V)	54.4°			44.1°		
Angle of View (O)	135.7°			99.8°		
Adjustment angle	Pan: 0° ~ 90°	Tilt: 0° ~ 65°			Rotate: 0° ~ 360°	

Shutter	Auto/Manual, 1 ~ 1/100000s
Minimum Illumination	Colour: 0.03Lux (F2.0, AGC ON) 0Lux with IR
Day/Night	IR-cut filter with auto switch (ICR)
S/N	>=55 dB
IR Range	Up to 15m (49ft) 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, High Profile
Frame Rate	Main Stream: 4MP (2592*1520), Max 20fps; 4MP (2560*1440), Max 25fps; 3MP (2048*1520), Max 30fps; Sub Stream: 2MP (1920*1080), Max 30fps; Third Stream: D1 (720*576), Max 30fps

Vide o Bit Rate	128 Kbps~16 Mbps
9:16 Corri dor Mod e	Supported
OSD	Up to 8 OSDs
Priva cy Mask	Up to 8 areas
ROI	Up to 8 areas
Moti on Dete ction	Up to 4 areas
Image	
Whit e Bala nce	Auto/Outdoor/Fine Tune/Sodium Lamp/Locked/Auto2
Digit al noise redu ction	2D/3D DNR
Smar t IR	Support
Flip	Normal/Vertical/Horizontal/180°/90°Clockwise/90°Anti-clockwise
Dew arpin g	Support
HLC	Support
BLC	Support
Smart	

General Function	Watermark, IP Address Filtering, Tampering Alarm, Access Policy, ARP Protection, RTSP Authentication, User Authentication
Audio	
Audio Compression	G.711
Suppression	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, Up to 256GB
Network Storage	ANR, NAS(NFS)
Network	
Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP, 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	
Audio I/O	Audio cable
	Input: impedance 35k Ohm; amplitude 2V [p-p]
	Output: impedance 600 Ohm; amplitude 2V [p-p]
Built-in Mic	Supported
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 4.5W
Dimensions (Ø x H)	Ø110 x 61mm (Ø4.3" x 2.4")
Net Weight	0.25kg (0.55lb)
Material	Metal + Plastic

Work ing Envir onm ent	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: <=95% RH (non-condensing)
Stror age Envir onm ent	-35°C ~ 60°C (-31°F ~ 140°F), Humidity: <=95% RH (non-condensing)
surg e prote ction	2KV
Ingre ss Prote ction	IP67
Vand al Resis tant	IK10