EV EazyView

8MP IR Dome Network Camera

Key Features

- High quality imaging with 8MP resolution
- Excellent low-light performance
- Motorized varifocal lens for easy installation
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Efficient H.265 compression technology
- Focus on human and vehicle targets classification based on deep learning
- Audio and alarm interface available
- Water and dust resistant (IP67) and vandal-resistant (IK10)

EZV IP Camera Series with 8 MP dome camera is a surveillance camera that captures high-quality video footage in ultra-high definition resolution. It is designed to be installed in indoor or outdoor environments where discreet monitoring is required. The dome-shaped housing of the camera provides an added layer of protection against vandalism, making it a popular choice for use in public areas. With its high resolution and wide-angle lens, the camera is capable of capturing detailed images over a large area. It can be connected to a network video recorder (NVR) or a digital video recorder (DVR) to record and store the footage for later viewing.

Technical Specifications

Camera	
Image Sensor	1/1.7" CMOS
Max. Resolution	3840 x 2160 at 25/30 FPS
Scanning System	Progressive
Electronic Shutter Speed	Auto/Manual 1 s–1/100,000 s
Min. Illumination	0.0009 lux@F1.6 (Color, 30 IRE) 0.0005 lux@F1.6 (B/W,30 IRE) 0 lux (Illuminator on)
S/N Ratio	>58dB
Illumination Distance	70 m (IR)
Illuminator On/Off Control	Auto
Illuminator Number	2 (IR LED)
Lens	
Lens Type	Motorized veri-focal
Focal Length	2.7 mm–13.5 mm
Max. Aperture	F1.6
Field of View	H: 107°–48°; V: 76°–37°; D: 150°–59°
Iris Control	Auto
Iris Control Type	P-Iris
Video	
Video Compression	H.265; H.264; MJPEG
Stream Capability	5 streams
Resolution	5M (3072 × 1728); 5M (2592 × 1944); 4M (2688 × 1520); 3M (2048 × 1536); 3M (2304 × 1296) 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); CIF (352 × 288/352 × 240)

Bit Rate Control	CBR/VBR/CVBR
Day/Night	Auto(ICR)/Color/B/W/TDN
BLC	Yes
HLC	Yes
WDR	True 120dB WDR
White Balance	Auto; natural; street lamp; outdoor; manual; regional custom, time stamp, text overlay, flip & mirror, Saturation, Brightness, Contrast, Sharpen, white balance, video rotation.
Gain Control	Auto
Noise Reduction	3D NR
Motion Detection	OFF/ON (4 areas, rectangular)
Region of Interest (RoI)	Yes (4 areas)
Image Stabilization	Electronic Image Stabilization (EIS)
Smart Illumination	Yes
Other Feature	Slow Shutter and Audio Noise Reduction, Defog, Corridor Pattern
Image Rotation	0°/90°/180°/270° (Support 90°/270° with 2688 × 1520 resolution and lower)
Mirror	Yes
Privacy Masking	8 areas
Audio	
Audio Compression	G.711a; G.711Mu; PCM; G.726; G.723
Alarm	
Alarm Event	No SD card; SD card full; SD card error; network disconnection; IP conflict; illegal access; motion detection; video tampering; tripwire; intrusion; fast moving; abandoned object; missing object; loitering detection; people gathering; parking detection; parking space management; scene changing; audio detection; defocus detection.
Network	
Network Port	RJ-45 (10/100/1000 Base-T)
Network Protocol	IPv4; IPv6; HTTP; TCP; UDP; ARP; RTP ; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; SNMP; P2P
Interoperability	ONVIF (Profile S/Profile G/Profile T)

User/Host	20
Storage	FTP; SFTP; Micro SD card (support max. 1TB)
Browser	IE: IE11 and later Chrome: Chrome 88.0.4324.190 and later Firefox: Firefox 47.0.2 and later
Cyber Security	Video encryption; firmware encryption; configuration encryption; Digest;
Certification	
Certifications	CE, FCC, RoHS, WEEE & BIS
Port	
RS-485	1 (baud rate range:1200 bps–115200 bps)
Audio Input	1 channel (RCA port)
Audio Output	1 channel (RCA port)
Alarm Input	3 channels in
Alarm Output	2 channels out
Analog Output	1 channel (CVBS output: BNC)
Power	
Power Supply	12 VDC/24 VAC/PoE/PoE+ (802.3at)
Environment	
Operating Temperature	–40 °C to +65 °C (–40 °F to +149 °F)
Operating Humidity	≤95%
Protection	IP67/IP66 , IK10
Structure	
Casing Material	Metal + plastic

Ordering Information

PART NUMBER	DESCRIPTION
EZV-8MP-DM-MZ	EazyView 8 MP Motorized Dome Camera IP 67/66 and IK10 with 70 Mtr. IR