

2MP 25x IR Network PTZ Dome Camera EV-IP2MP PTZ20



Key Features

Optics

- 25X Optical Zoom
- Accurate and fast focusing
- Smart IR, up to 150m (492ft) IR distance
- Optical glass window with higher light transmittance
- IR anti-reflection window to increase the infrared transmittance
- 140dB true WDR

Compression

- Ultra 265, H.265, H.264, MJPEG

- Triple streams
- Customized OSD

Network

- ONVIF Conformance

Structure

- Innovative snow-removing functionality
- More effective heat dissipation system
- Intelligent temperature control technology
- 6KV surge protection designed for network interface

Specifications

Model	EV-IP2MP PTZ20				
Camera					
Sensor	1/2.8", 2.0 megapixel, progressive scan, CMOS				
Lens	4.5 ~ 135mm, AF automatic focusing and motorized zoom lens				
Digital Zoom	16				
Optical Zoom	25				
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	4.5	69.8	27.9	14	7
	135	2094.8	837.9	419	209.5
Angle of View (H)	56.7° ~ 2.28°				
Angle of View (V)	31.89° ~ 1.28°				
Angle of View (O)	65.05° ~ 2.61°				
Shutter	Auto/Manual; shutter time: 1 ~ 1/100000s				
Minimum Illumination	Colour: 0.001Lux (F1.5, AGC ON) 0Lux with IR				
Iris	AutoI; F1.5 ~ F4.0				
Day/Night	IR-cut filter with auto switch (ICR)				
Digital noise reduction	2D/3D DNR				
S/N	>52dB				
IR Range	Up to 150m (492ft)				
Defog	Digital Defog				

WDR	140dB (Optional)
Video	
Video Compression	Ultra 265, H.265, H.264, MJPEG
H.264 code profile	Baseline profile, Main Profile, High Profile
Frame Rate	Main Stream: 2MP (1920*1080), Max 60fps; Sub Stream: 2MP (1920*1080), Max 60fps; Third Stream: D1 (720*576), Max 60fps
HLC	Supported
BLC	Supported
EIS	Supported
OSD	Up to 8 OSDs
Privacy Mask	Up to 24 areas
ROI	Up to 8 areas
Motion Detection	Up to 4 areas
Smart	
Behavior Detection	Intrusion, cross line, motion detection, auto tracking (Optional)
Intrusion	Enter and loiter in a pre-defined virtual region (Optional)
cross line	Cross a pre-defined virtual line (Optional)
motion detection	Moving within a pre-defined virtual region (Optional)
auto tracking	Tracking the specified target (Optional)
Recognition	Face detection, Audio detection (Optional)
Intelligent Identification	Defocus, Scene Change, Object Left, Object Moving (Optional)
Statistical Analysis	People counting (Optional)
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP Authentication, User Authentication (Optional)
Audio	
Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ
Storage	
Edge Storage	Micro SD, up to 256GB (Optional)
Network Storage	ANR (Optional)
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, RTMP
Compatible Integration	ONVIF (Profile S, Profile G, Profile T), API
Pan & Tilt	
Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 240°/s
	Preset speed: 300°/s
Tilt Range	-15° ~ 90° (auto reverse)
Tilt Speed	0.1° ~ 160°/s
	Preset speed: 240°/s
Number of Presets	1024

Patrol	Up to 16 patrols, up to 32 presets per patrol Note: The total number of patrols and patterns is 16.	
Home Position	Supported	
Interface		
Audio I/O	Audio cable	
	Input: impedance 35kΩ; amplitude 2V [p-p]	
	Output: impedance 600Ω; amplitude 2V [p-p]	
Alarm I/O	1/1	
Network	1RJ45 10M/100M Base-TX Ethernet	
General		
Power	AC 24V±25%, DC 24V±25%	AC 24V±25%, DC 24V±25%, PoE (PSE Required)
	Power consumption: Max 44W	
Dimensions (Ø x H)	Ø227 x 359.4mm (Ø8.9" x 14.2")	
Weight	5.28kg (11.6lb)	
Working Environment	-40°C ~ 65°C (-40°F ~ 149°F), Humidity: ≤95% RH (non-condensing)	
Ingress Protection	IP66	