

2MEP04-IP4M22X

4MP IP PTZ Dome Starlight Camera 22x with
Stainless Steel Explosion proof Housing – 304 Stainless Steel



Features

- 304 Stainless steel
- Certificate Mark: Exd II C T6 Gb/Ext DA21 IP68 T80°C
- Protection enclosure: IP68
- Starlight illumination
- 22x optical zoom
- Accurate and fast focusing
- Ultra 265, H.265, H.264, MJPEG
- Triple streams
- Embedded smart algorithm
- Customized OSD
- ONVIF Conformance
- Intelligent temperature control technology
- 6 KV surge protection designed for network interface

HOUSING					
Atmospheric Pressure		80Kpa ~ 106Kpa			
Ambient Temperature		-25°C ~ 60°C [-4°F ~ 140°F]			
Relative Humidity		< 95% (no condensation)			
Ex-Proof Mark		Exd II CT6 Gb/ Ex tD A21 IP68 T80°C			
MECHANICAL					
Housing		Stainless Steel 304 (also available in 316L)			
Sunshade		Optional			
IP		IP68			
Cable Thread Hole		1pcs G3/4 or NPT3/4			
ELECTRICAL					
Voltage		AC24V (or AC85V~AC265V)			
Power		25W/35W (with thermostat)			
Surge Protection		Optional TVS6000V surge protect			
AMBIENT					
Ambient Temperature		-25°C to 60°C [-13°F to 140°F]			
Air Pressure		80Kpa to 106Kpa			
Relative Humidity		<95% (no condensation)			
GENERAL					
Cable		Integrated cable			
Dimensions (LxWxH)		213 x 213 x 570(mm) [8.4" x 8.4" x 22.4" (in)]			
Weight		15kg [33.1lbs]			
Mounted		Wall, Pole			
CAMERA					
Sensor		1/2.8", progressive scan, 2.0megapixel, CMOS			
Lens		5.2~114.4mm, AF automatic focusing and motorized zoom lens			
Optical Zoom		22			
DORI Distance	Lens (mm)	Detect (m)	Observe (m)	Recognize (m)	Identify (m)
	5.2	80.7	32.3	16.1	8.1
	114.4	1775.2	710.1	355	177.5
Angle of View (H)		55.9°~3.5°			
Angle of View (V)		33.5°~1.6°			
Angle of View (O)		68.8°~4.2°			
Shutter		Auto/Manual; shutter time: 1/6 s ~ 1/100000 s			
Minimum Illumination		Color: 0.001 lux (F1.5, AGC ON); B/W: 0.0001 lux(F1.5, AGC ON)			
Iris		Auto/Manual; F1.5 ~ F3.0			
Day/Night		IR-cut filter with auto switch (ICR)			
Digital Noise Reduction		2D/3D DNR			
Defog		Digital Defog			
S/N		> 52dB			
WDR		120dB			

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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. 20 fps; Sub Stream: 4MP (2560×1440): Max. 25 fps Third Stream: 1080P (1920×1080): Max. 30 fps
HLC	Supported
BLC	Supported
OSD	Up to 8 OSDs
ROI	Up to 8 areas
Privacy Mask	Up to 24 areas
Motion Detection	Up to 4 areas

SMART

Behavior Detection	Intrusion, cross line, motion detection
Intrusion	Enter and loiter in a pre-defined virtual region
Cross Line	Cross a pre-defined virtual line
Motion Detection	Moving within a pre-defined virtual region
Recognition	Face detection, Audio detection
Intelligent Identification	Defocus, Scene Change
Statistical Analysis	People counting
General Function	Watermark, IP Address Filtering, Tampering Alarm, Alarm input, Alarm output, Access Policy, ARP Protection, RTSP, Authentication, User Authentication

AUDIO

Audio Compression	G.711
Two-way audio	Supported
Suppression	Supported
Sampling Rate	8KHZ

STORAGE

Edge Storage	Micro SD, up to 128 GB
Network Storage	Supported

NETWORK

Protocols	IPv4, IGMP, ICMP, ARP, TCP, UDP, DHCP, PPPoE, RTP, RTSP, RTCP, DNS, DDNS, NTP, FTP, UPnP, HTTP, HTTPS, SMTP, 802.1x, SNMP
Compatible Integration	ONVIF(Profile S, Profile G), API

PAN & TILT

Pan Range	360° (endless)
Pan Speed	0.1°/s ~ 400°/s Preset speed: 540°/s
Tilt Range	-18° ~ +90° (auto reverse)
Tilt Speed	0.1° ~ 240°/s Preset speed: 400°/s
Number of Presets	1024
Patrol	Preset patrol, route patrol, recorded patrol
Home Position	Supported

INTERFACE

	Audio cable
Audio I/O	1 Input: impedance 35 kΩ; amplitude 2 V [p-p] 1 Output: impedance 600 Ω; amplitude 2 V [p-p]
Alarm I/O	2/ 1
Serial Port	1 RS485
Network	1 RJ45 10M/100M Base-TX Ethernet
Video Output	1 BNC, impedance 75 Ω; amplitude 1 V [p-p]
GENERAL	
Power	24V AC±25%, 24 V DC±25%, PoE (IEEE802.3 at)
Power Consumption	8~ 20W

ATEX Markings Breakdown

