DS-2XM6122G1-I(D)(M)(/ND)

This mobile network camera is a digital monitoring product that integrates video and audio collection, intelligent coding and compression, network transmission and other functions, and is generally used for monitoring scenes inside and outside buses. With embedded operating system and high-performance hardware processing platform, it has high stability and reliability.





- High quality imaging with 2MP resolution
- 2.8/4/6 mm fixed lens
- Clear imaging against strong back light due to 120 dB WDR technology
- Water and dust resistant (IP66) and vandal resistant(IK10)

▪ Specification

Selection Parameter	
Wi-Fi Support	Not supported
Video Compression	H264 (main stream, sub-stream, third stream) H265 (main stream, sub-stream, third stream) Smart264 (main stream, sub-stream, third stream) Smart265 (main stream, sub-stream, third stream) MJPEG (sub-stream only)
POE Support	PoE (802.3af)
Camera	
Min. Illumination	0.01Lux @ (F1.6, AGC ON)
Protection Level	IP66, IK10
Resolution	2MP
Shutter Speed	1/3 s to 1/100, 000 s
P/N	PAL: 25 fps NTSC: 30 fps
Wide Dynamic Range	120 dB
Day ＆ Night	IR Cut Filter
Angle Adjustment	Pan: -30°~+30° Tilt: 0°~80° Rotate: 0°~ 360°
Sensor	1/2.8' CMOS Progressive Scan
White Balance	Support four white balance configurations: fluorescent lamp, incandescent lamp, warm lamp and natural light; Support manual/automatic white balance adjustment.
Lens	
Lens Type	2.8mm/4mm/6mm
Focal Length ＆ FOV	2.8 mm, horizontal FOV 105°, vertical FOV 56°, diagonal FOV 126° 4 mm, horizontal FOV 87°, vertical FOV 44°, diagonal FOV 104° 6 mm, horizontal FOV 53°, vertical FOV 28°, diagonal FOV 62°
Lens Mount	M12
Focus	Manual focus
Aperture	2.8/4/6: F1.6
Illuminator	
Supplement Light Type	Infrared fill light lamp
Smart Supplement Light	Support
IR Wavelength	850 nm
IR Range	Up to 10 m
Video	
Max. Resolution	1920*1080
Main Stream	50 Hz: 25 fps (1920x1080, 1280 x 960, 1280x720) 60 Hz: 30 fps (1920x1080, 1280 x 960, 1280x720)
Sub-Stream	50 Hz: 25 fps (704x576, 640x480, 352x288, 320x240) 60 Hz: 30 fps (704x480, 640x480, 320x240)
Third Stream	50 Hz: 25 fps (1920x1080, 1280 x 960, 1280x720) 60 Hz: 30 fps (1920x1080, 1280 x 960, 1280x720)

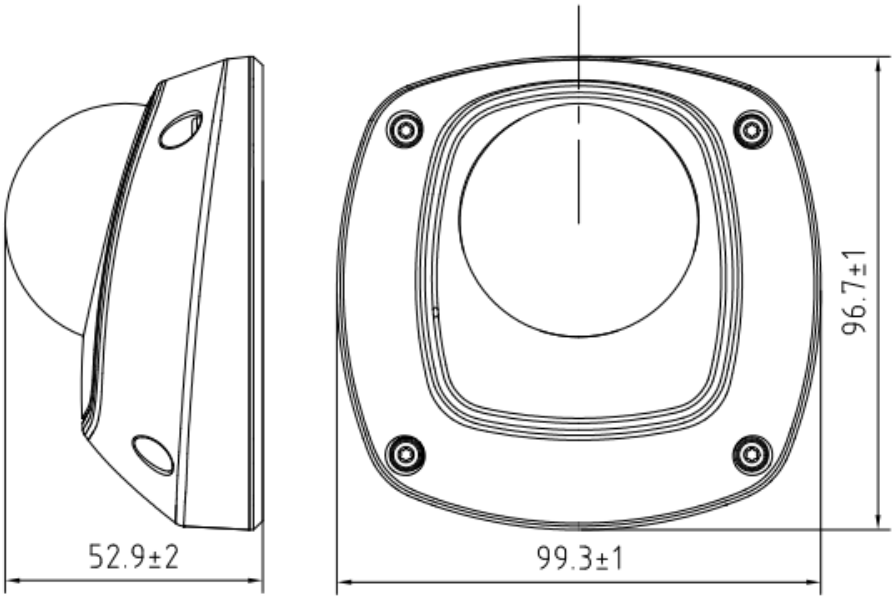
Fourth Stream	Not supported
Fifth Stream	Not supported
Custom Stream	Not supported
Video Compression	Main stream: H.264, H.265 Sub-stream: H.264, H.265, MJPEG Third stream: H.264, H.265
Video Bit Rate	256 Kbps to 12 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
Bit Rate Control	Constant Bit Rate, Variable Bit Rate
Stream Type	Main stream, sub stream, third stream
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	2 regions (main sub-stream)
Audio	
Audio Compression	G711U, G711A, G726, AAC, G722, PCM, AAC
Audio Bit Rate	64 Kbps
Audio Sampling Rate	16 kHz
Environment Noise Filtering	Yes
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, Email ,RTP, RTSP, RTCP, NTP, UPnP, SMTP,SNMP, ICMP 802.1X, QoS, ipv6, Bonjour, ISUP5.0
Simultaneous Live View	Up to 8 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
User/Host	Up to 16 users, 3 levels: Administrator, Operator and User
Web Browser	IE8+,Chrome45+,Edge41+,Firefox45+
Image	
Image Settings	Support rotation mode. Brightness, contrast, saturation and sharpness can be adjusted by browser and client software.
Day/Night Switch	Day/Night/Auto/Schedule
SNR	> 50 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	Enables configuration, and supports drawing of up to 4 areas
Picture Overlay	Support image overlay, uploading images, enabling, coordinates, etc.
Target Cropping	Support (only the third stream)
Backlight Compensation(BLC)	Support up, down, left, right, center and custom backlight compensation adjustment
Electronic Image Stabilization(EIS)	Not supported
Interface	
Video Output	Not supported
Ethernet Interface	-ID: 1 RJ45 10M/100M self-adaptive Ethernet port -IM/ND, IDM: 1 four-core M12 aviation plug
On-Board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio	1 built-in mic, mono sound
Alarm	Not supported
Reset Key	Yes
Indicator	Not supported

Interface Style	Interpolate
Event	
Basic Event	Motion detection, video tampering alarm
Smart Event	Line crossing detection, Intrusion detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Face detection: detects faces and upload images Scene change detection, defocus detection
Linkage	Upload to FTP, notify surveillance center, send email, trigger recording
General	
Power	PoE: 0.30 A to 0.20 A, max: 7.5 W DC: 0.83 A to 0.21 A, max: 7.5 W
Camera Material	Metal
Camera Dimension	Camera: Φ 99.3 mm × 96.7 mm x 52.9 mm (3.9" ×3.8 "x 2.1")
Package Dimension	Package: 252 × 160 × 95 mm (9.9" × 6.3" × 3.7")
Camera Weight	Camera: Approx. 430 g (0.9 lb.)
Startup and Operating Conditions	-30 °C to 75 °C (-22 °F to 167°F), humidity less than 95% or less (non-condensing)
Language	Support English, German, French and Russian
General Function	Anti-flicker, heartbeat, mirror
Software Reset	Support
Power Supply	-ID: 9-36 V& PoE (802.3af, 36 V to 57 V) -IDM: 9-36 V& PoE (802.3af, 36 V to 57 V) -IM/ND: PoE (802.3af, 36 V to 57 V)
Power Interface	-ID: Ø 5.5 mm coaxial power plug, DC power supply, or PoE power supply -IM/ND: four-core M12 aviation plug, PoE power supply
Cable Length	50 cm

▪ Available Model

DS-2XM6122G1-ID(2.8mm)(AE)(O-STD)
DS-2XM6122G1-ID(4mm)(AE)(O-STD)
DS-2XM6122G1-ID(6mm)(AE)(O-STD)
DS-2XM6122G1-IDM(2.8mm)(AE)(O-STD)
DS-2XM6122G1-IDM(4mm)(AE)(O-STD)
DS-2XM6122G1-IDM(6mm)(AE)(O-STD)
DS-2XM6122G1-IM/ND(2.8mm)(AE)(O-STD)
DS-2XM6122G1-IM/ND(4mm)(AE)(O-STD)
DS-2XM6122G1-IM/ND(6mm)(AE)(O-STD)

▪ Dimension



unit: mm

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