

**DS-2XM6542G1-I(D)(M)(/ND)
4MP Mobile Network Camera**



- High quality imaging with 4 MP resolution
- Clear imaging against strong back light due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Water and dust resistant (IP68,IP69K) and vandal proof (IK10)
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network
- 3D DNR technology delivers clean and sharp images

▪ Specification

Camera	
P/N	PAL: 25fps NTSC: 30fps
Min. Illumination	0.01 Lux @ (F1.2, AGC ON), 0 Lux with IR
Image Sensor	1/3" Progressive Scan CMOS
Protection Level	IP68(IEC 60529-2013), IK10(IEC 62262:2002), IP69K(ISO 20653:2013)
Shutter Speed	1/3 s to 1/100,000 s
Case Type	Wedge
Slow Shutter	Yes
Resolution	4MP
Day & Night	IR Cut Filter
Angle Adjustment	2.8 mm: pan: -15° to 15°, tilt: 15° to 30°, rotate: -90° to 90° 4 mm/6 mm: pan: -15° to 15°, tilt: 0° to 30°, rotate: -90° to 90°
Lens	
Focal Length & FOV	2.8mm: horizontal FOV 95°, vertical FOV 51°, diagonal FOV 113° 4mm: horizontal FOV 78°, vertical FOV 40°, diagonal FOV 93° 6mm: horizontal FOV 49°, vertical FOV 26°, diagonal FOV 57°
Lens Mount	M12
Lens Type	Fixed Lens
Max. Aperture	2.8mm/4mm/6mm: F1.6
Illuminator	
Smart Supplement Light	Yes
IR Wavelength	850 nm
IR Range	Up to 30 m
Video	
Max. Resolution	2560*1440
Main Stream	50Hz:25fps(2560 x 1440, 1920x1080, 1280 x 960, 1280x720) 60Hz:30fps(2560 x 1440, 1920x1080, 1280 x 960, 1280x720)
Sub-Stream	50Hz:25fps(704 x 576, 640x480, 352 x 288, 320x240) 60Hz:30fps(704 x 576, 640x480, 352 x 288, 320x240)
Third Stream	50Hz:15fps(1920 x 1080, 1280x960, 1280x720, 704x576, 640x480, 352 x 288, 320x240) 60Hz:15fps(1920 x 1080, 1280x960, 1280x720, 704x480, 640x480, 352 x 240, 320x240)
Video Compression	Main Stream: H.265 /H.264/H.264+/H.265+ Sub-Stream: H.265 /H.264 / H.264+/H.265+/MJPEG Third Stream: H.265 /H.264/H.264+/H.265+
Video Bit Rate	Main Stream: 512 Kbps to 16 Mbps Sub-Stream: 256 Kbps to 4 Mbps Third Stream: 512 Kbps to 6 Mbps
H.264 Type	BaseLine Profile/Main Profile/High Profile
H.265 Type	Main Profile
Scalable Video Coding (SVC)	H.264 and H.265 encoding
Region Of Interest (ROI)	Support 2 fixed region for (main/sub) stream
Network	
Protocols	TCP/IP, HTTP, HTTPS, DHCP, DNS, DDNS, RTSP, SNMP, QoS, ISUP5.0, ISUP2.0
Simultaneous Live View	Up to 8 channels



API	HIKSDK, ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI
User Management	Up to 16 users 3 levels: Administrator, Operator and User
Web Browser	IE8+, Chrome45+, Edge41+, Firefox45+
Image	
Wide Dynamic Range (WDR)	120 dB
Smart IR	No
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
SNR	> 50 dB
Image Enhancement	BLC, HLC, 3D DNR
Privacy Mask	4 regions of privacy mask
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
DNR	3D DNR
Interface	
Ethernet Interface	Without -M: 1 RJ45 10M/100M self-adaptive Ethernet port -M: 1 four-core M12 aviation plug
SD Card Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
Audio	No
Alarm	No
RS-485	No
Reset Key	Yes
Heater	Yes
Event	
Linkage Method	Upload to FTPmemory card, notify monitoring center, send email, trigger recording, trigger capture
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, TF card error)
Smart Event	Line crossing detection, Intrusion detection, Region entrance detection, Region exiting detection, Unattended baggage detection, Object removal detection, Object detection: detects faces and upload images Scene change detection, defocus detection
General	
Product Dimension	Camera: 163.7 mm × 122.6 mm × 65.1 mm (6.4" × 4.8" × 2.6") With package: 252 mm × 190 mm × 108 mm (9.9" × 7.5" × 4.3")
Headquarters	No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 www.hikvision.com
Power Interface	-I/ND: RJ45 interface, PoE power supply -ID: Ø 5.5 mm coaxial power plug, DC power supply -IDM: two-core Molex connector, DC power supply -IM/ND: four-core M12 aviation plug, PoE power supply
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Power Consumption	-ID, -IDM: 9~36 V DC, max. 10 W -I/ND, -IM/ND: PoE: (802.3af, 36 V to 57 V), max. 10 W
Power Supply	-ID, -IDM: 9-36V, two-core terminal block, reverse polarity protection&PoE802.3af; -I/ND, -IM/ND: PoE: 802.3af, Type 1 Class 3
Camera Material	Metal
Product Weight	Camera: Approx. 905 g (2.0 lb.) With package: 1271 g (2.8 lb.)
Startup and Operating Conditions	-30 °C to 75 °C (-22 °F to 167°F), humidity less than 95% or less
Language	Support English, French, German, Russian, Italian, Korean, Portuguese, Spanish, Turkish, Polish,Czech
General Function	Anti-flicker, 3 streams, heartbeat, mirror, privacy mask
Selection Parameter	
Wi-Fi Support	No
Approval	
Electrical Safety Protection	IK10(IEC 62262:2002)
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014);
Safety	CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013);
Environment	CE-RoHS (2011/65/EU);
Automotive and Railway	EN50155-2017(EN 50155:2017, EN 50121-3-2:2016, IEC 60068-2-1:2007, IEC 60068-2-2:2007, IEC 60068-2-30:2005, IEC 61373:2010); EN45545 (EN 45545-2:2013+A1:2015); E-MARK (ECE R10)

▪ Available Model

- DS-2XM6542G1-IDM(2.8/4/6mm)
- DS-2XM6542G1-ID(2.8/4/6 mm)
- DS-2XM6542G1-IM/ND(2.8/4/6mm)
- DS-2XM6542G1-I/ND(2.8/4/6mm)

▪ Dimension

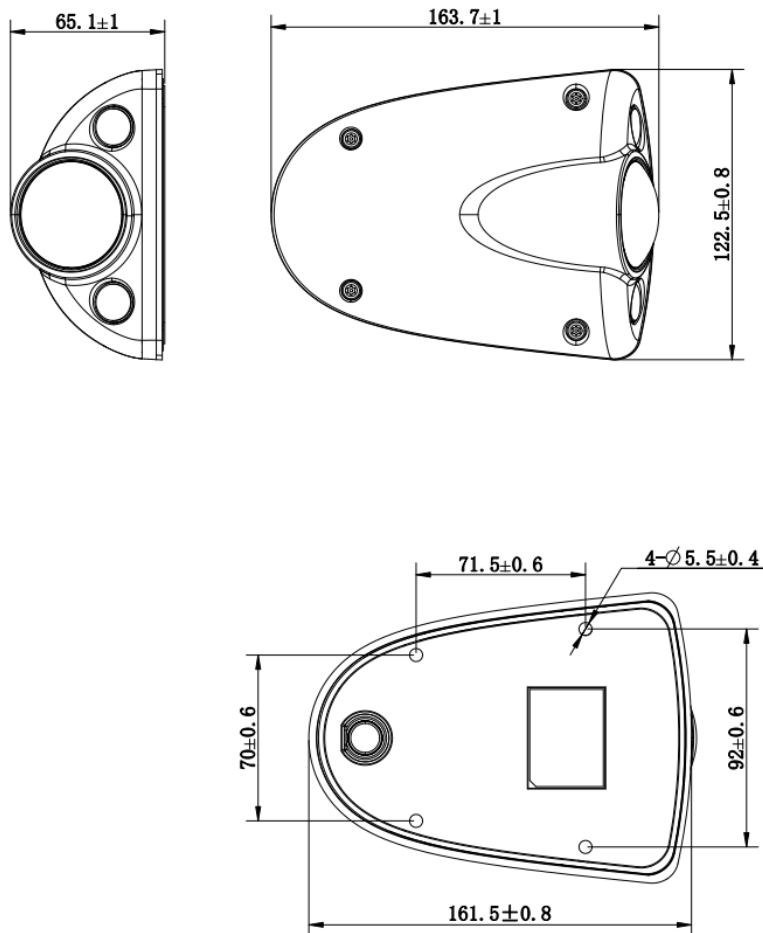
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Interface Definition

Model	Interface Type	Interface Form	Interface Definition	Interface Illustration
XM65	ID	RJ45/F	1.IPC_TX+ 2.IPC_TX- 3.IPC_RX+ 4. IDLE4 5. IDLE5 6.IPC_RX- 7. IDLE7 8.IDLE8	
		DC/F	Core: IPC_POWER Shell: IPC_GND	
	IDM	M12D4F	1. IPC_TX+ 2. IPC_RX+ 3. IPC_TX- 4.IPC_RX-	
		MOLEX-2M	1. IPC_POWER 2. IPC_GND	
	IM/ND	M12D4F	1. IPC_TX+ 2. IPC_RX+ 3. IPC_TX- 4.IPC_RX-	

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