

DS-2XM6522WD-I(M) (B) 2MP Weather-Vandal-Resistant Mobile Camera



Key Features

- Up to 2.0 megapixel high resolution
- 1920 × 1080 @30fps video
- Three video streams
- 2.8/4/6 mm fixed lens
- 120dB Wide Dynamic Range
- 3D Digital Noise Reduction
- 3-Axis adjustment
- H.264, H.264+, H.265, H.265+
- 12 VDC & PoE (802.3af)
- IR range up to 10 m
- IP68 weather-proof protection
- IK10 vandal-resistant protection
- M12 aviation plug (optional)
- Multiple smart events supported



Specifications

| Camera | |
|--------------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | 0.01Lux @ (F1.2, AGC ON), 0 Lux with IR |
| Shutter Speed | 1/3 s to 1/100,000 s, support auto electronic shutter |
| Slow Shutter | Yes |
| Wide Dynamic Range | 120dB |
| Day & Night | ICR Cut |
| 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 | |
| Lens Type & FOV | 2.8 mm: H: 104°, V: 56°, D: 121° 4 mm: H: 77°, V: 42°, D: 91° 6 mm: H: 50°, V: 27°, D: 59° |
| Lens Mount | M12 |
| Illuminator | |
| IR Range | up to 30 m |
| Wavelength | 850 nm |
| Smart Supplement Light | Yes |
| Video | |
| Max. Resolution | 1920 × 1080 |
| Main Stream | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) |
| Sub Stream | 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Third Stream | 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 × 240) |
| Video Compression | Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264 |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| H.264 Type | Baseline Profile/Main Profile/High Profile |
| H.265 Type | Main Profile |
| H.264+ | Yes |
| H.265+ | Yes |
| Region of Interest (ROI) | Support 4 fixed regions for each stream, or face dynamic tracking |

| Network | |
|--|---|
| API | ONVIF (PROFILE S, PROFILE G), ISAPI |
| Protocols | TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6 |
| Network Storage | NAS (Support NFS, SMB/CIFS) |
| Image | |
| Day/Night Switch | Auto/Schedule |
| Target Cropping | Yes |
| DNR | 3D DNR |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128, 24 bit bmp format |
| Image Enhancement | BLC/HLC/3D DNR/Defog/EIS |
| Image Settings | Support rotate mode. Brightness, contrast, saturation, etc., adjustable via web browser and client software |
| Interface | |
| Alarm | Motion Detection, Tampering Alarm, Network Disconnected, IP Address Conflict, Illegal Login, HDD full, HDD error |
| Communication Interface | -IM: M12 thread size (-female) plug; -I: 1 RJ45 10M/100M Ethernet port ; |
| Intelligent (Traditional Algorithm) | |
| Face Detection | Yes |
| Intelligent (Deep Learning Algorithm) | |
| Behavior Analysis | Line crossing detection, Intrusion detection, Region entrance, Region exiting, Unattended baggage, Object removal; Exception Detections: Scene change detection, defocus detection |
| General | |
| General Function | One-key Reset, Anti-Flicker, Three Streams, Heartbeat, Mirror, Password Protection, Privacy Mask, Watermark, IP Address Filter |
| Startup and Operating Conditions | -40 °C to 70 °C (-40 °F to 158 °F), Humidity 95% or less (non-condensing) |
| Power Supply | 12 VDC; PoE (802.3af) |
| Power Consumption and Current | Max. 9W |
| Camera Dimension | 163.7 × 122.6 × 65.1 mm (6.4" × 4.8" × 2.6") |
| Camera Weight | Camera: 960g (2.1 lb.) With Package: 1050g (2.3 lb.) |

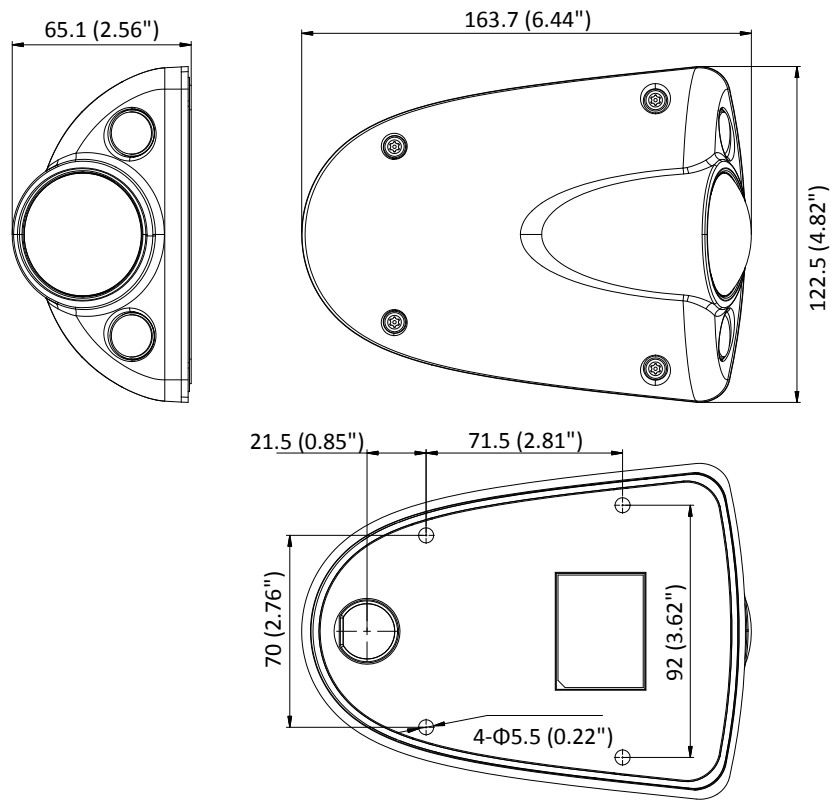
| Approval | |
|-------------|---|
| EMC | FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4); RCM (AS/NZS CISPR 32:2015); IC (ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015); E-MARK (ECE R10); |
| Safety | UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252 (Part 1): 2010+A1:2013+A2:2015); CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013); LOA (IEC/EN 60950-1); |
| Environment | CE-ROHS (2011/65/EU); REACH (Regulation (EC) No 1907/2006); WEEE (2012/19/EU); |
| Protection | IP68(IEC 60529-2013), IK10(IEC 62262:2002) |

Available Model

DS-2XM6522WD-I(B): a RJ45 network interface and a power supply interface

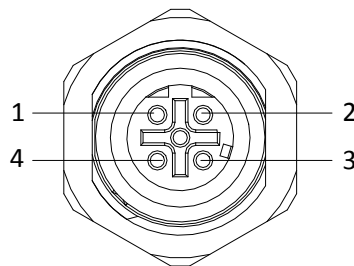
DS-2XM6522WD-IM(B): an M12 aviation plug

Dimension



Unit: mm (inch)

Interface Description



| | M12 Wire | R-J45 Wire |
|------------|----------|------------|
| TX+ | 1 | 1 |
| TX- | 3 | 2 |
| RX+ | 2 | 3 |
| RX- | 4 | 6 |

M12 Interface Description

Distributed by

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