

DS-2XM6825G0/C-IVS(M) 2 MP IR Mobile Network Camera



- 1/2.8" Progressive Scan CMOS
- 1920 × 1200 @ 30fps
- 2 mm fixed lens
- Digital WDR
- 3D DNR
- ROI
- IP66, IK08
- H.265, H.265+



Specifications

| Camera | |
|-----------------------------|--|
| Image Sensor | 1/2.8" Progressive Scan CMOS |
| Min. Illumination | Color: 0.002 Lux @ (F1.2, AGC ON), 0.007 Lux @ (F2.25, AGC ON) B/W: 0.0002 Lux @ (F1.2, AGC ON), 0.0007 Lux @ (F2.25, AGC ON) |
| Shutter Speed | 1/25 s to 1/100,000 s |
| Day & Night | IR Cut Filter |
| WDR | Digital WDR |
| Angle Adjustment | Pan: 0°, Tilt: 0° to 25°, Rotate: 0° |
| Lens | |
| Focal Length | 2 mm fixed lens |
| Aperture | F2.25 |
| FOV | Horizontal FOV 108°, vertical FOV 84°, diagonal FOV 117.5° |
| Lens Mount | M12 |
| IR | |
| IR Range | Up to 3 m IR range |
| Wavelength | 850 nm |
| Video | |
| Max. Resolution | 1920 × 1200 |
| Main Stream | 50Hz: 25fps (1920 × 1200, 1440 × 900); 60Hz: 30fps (1920 × 1200, 1440 × 900) |
| Sub Stream | 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) |
| Video Compression | Main stream: H.265+/H.265/H.264+/H.264 Sub stream: H.265/H.264/MJPEG |
| H.264 Type | BasELine Profile/Main Profile/High Profile |
| H.264+ | Main stream supports |
| H.265 Type | Main Profile |
| H.265+ | Main stream supports |
| Video Bit Rate | 32 Kbps to 16 Mbps |
| SVC | H.265 and H.264 support |
| Audio | |
| Audio Compression | G.711/G.722.1/G.726/MP2L2/PCM |
| Audio Bit Rate | 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-160Kbps(MP2L2) |
| Environment Noise Filtering | Yes |
| Audio Sampling Rate | 8kHz/16kHz/32kHz/44.1kHz/48kHz |
| Smart Feature-Set | |
| Smart Event | Audio exception detection, defocus detection |
| Basic Event | Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error) |
| People Counting | Counts people entering and exiting separately |

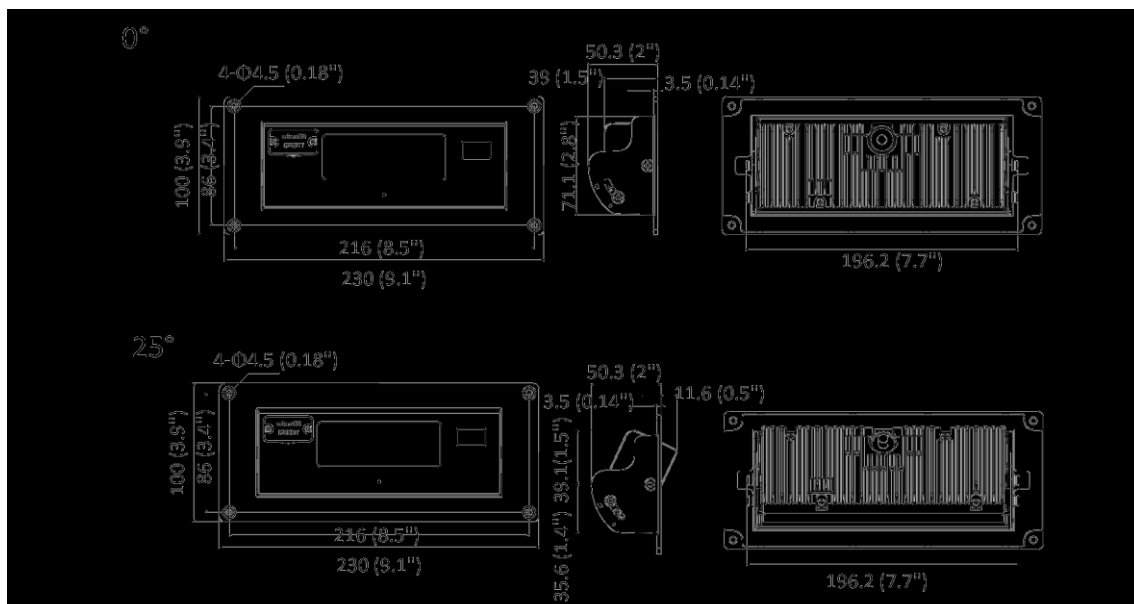
| | |
|-------------------------|--|
| | <p>Supports real-time uploading and uploading by statistic cycle</p> <p>Sends email reports on daily, weekly, monthly or annually basis</p> <p>Supports target filtering by height</p> |
| Linkage Method | Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture |
| Region of Interest | 4 fixed regions for main stream and sub-stream |
| Image | |
| Image Enhancement | HLC, BLC, 3D DNR, defog |
| Image Setting | Saturation, brightness, contrast, sharpness are adjustable by client software or web browser |
| Day/Night Switch | Day/Night/Auto/Schedule/Triggered by alarm input |
| Picture Overlay | LOGO picture can be overlaid on video with 128 × 128 24bit bmp format |
| Network | |
| Network Storage | Support microSD/SDHC/SDXC card (256 G), local storage and NAS (NFS,SMB/CIFS), ANR Together with high-end Hikvision memory card, memory card encryption and health detection are supported. |
| Protocols | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS |
| API | ONVIF (PROFILE S, PROFILE G), ISAPI, SDK, Ehome |
| Security | Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log |
| Simultaneous Live View | Up to 20 channels |
| User/Host | Up to 32 users. 3 user levels: administrator, operator and user |
| Client | iVMS-4200, Hik-Connect |
| Web Browser | IE8+, Chrome 41.0-44, Mozilla Firefox30.0-51, Safari8.0-11 |
| Interface | |
| Communication Interface | <p>1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)</p> <p>-IVS: 1 RJ45 10M/100M Ethernet port</p> <p>-IVSM: M12 aviation plug, 4-core 10M/100M Ethernet port</p> |
| Audio | <p>1 built-in mic</p> <p>1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound</p> |
| Alarm | 2 inputs, 2 outputs (max. 12 VDC, 30mA) |
| Video Out | 1Vp-p composite output (75 Ω/CVBS), only for adjustment |
| On-board storage | Built-in micro SD/SDHC/SDXC slot, up to 256 GB |
| General | |
| Firmware Version | 5.5.90 |
| Web Client Language | 32 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) |

| | |
|----------------------------------|--|
| General Function | Anti-flicker, heartbeat, mirror, password protection, watermark, IP address filter |
| Reset | Reset via reset button on camera body, web browser and client software |
| Startup and Operating Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Storage Conditions | -30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing) |
| Power Supply | -IVSM: 9 to 36 VDC, PoE (36 to 57 VDC, 802.3 af), class 3, reverse polarity protection, two-core molex -IVS: 9 to 36 VDC, PoE (36 to 57 VDC, 802.3 af), class 3, reverse polarity protection, Ø5.5mm coaxial power plug |
| Power Consumption | -IVSM, -IVS: 24 VDC, 0.31 A, max. 7.4 W, PoE (802.3 af, 36 to 57 VDC), 0.22 A to 0.13 A, max. 7.8 W |
| Material | Metal |
| Dimensions | Camera: 230 mm × 100 mm × 50 mm (9.1" × 3.9" × 2") With package: 280 mm × 135 mm × 135 mm (11" × 5.3" × 5.3") |
| Weight | Camera: Approx. 640 g (1.4 lb.) With package: 960 g (2.1 lb) |
| Approval | |
| EMC | 47 CFR Part 15, Subpart B; EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014; AS/NZS CISPR 32: 2015; ICES-003: Issue 6, 2016; KN 32: 2015, KN 35: 2015 |
| Safety | UL 60950-1, IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IS 13252(Part 1):2010+A1:2013+A2:2015 |
| Environment | 2011/65/EU, 2012/19/EU, Regulation (EC) No 1907/2006 |
| Protection | Ingress protection: IK08 (IEC 62262:2002), IP66 (IEC 60529-2013) |
| Automotive and Railway | EN 50155-2017; E-MARK, R118, EN45545, 50121-3-2 |

Available Model

DS-2XM6825G0/C-IVSM (2 mm), DS-2XM6825G0/C-IVS (2 mm)

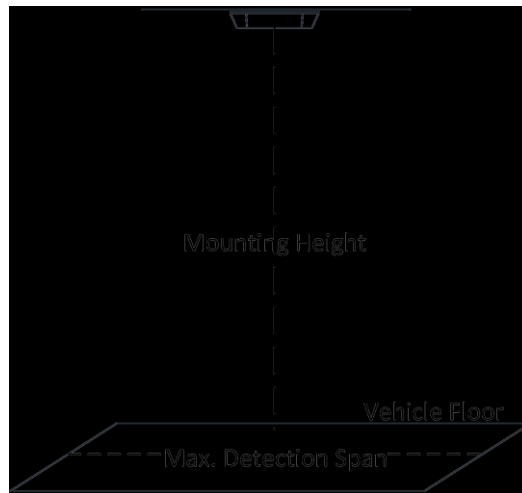
Dimension



Installation Recommendation

Following table shows the relations among focal length, mounting height, and max. detection span of typical values. For detailed installation advice, please contact the technical support of HIKVISION.

| Focal Length (mm) | Mounting Height (m) | Max. Detection Span (m) |
|-------------------|---------------------|-------------------------|
| 2 | 1.9 | 0.55 |
| 2 | 2.4 | 1.93 |



Distributed by

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