DS-2XM6825G0/C-IV(S)(M)(M/ND)
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

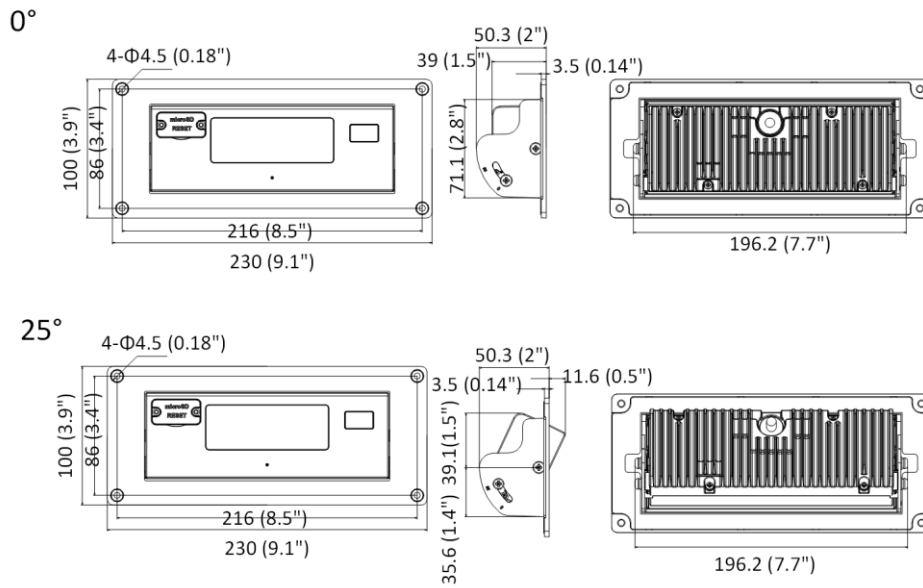| Smart Feature-Set	
Smart Event	Audio exception detection, defocus detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
People Counting	Counts people entering and exiting separately

	Supports real-time uploading and uploading by statistic cycle
	Sends email reports on daily, weekly, monthly or annually basis
	Supports target filtering by height
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 (-S)
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	-IVS: 1 RJ45 10M/100M Ethernet port, 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
	-IVSM, -IVM/ND: M12 aviation plug, 4-core 10M/100M Ethernet port
Audio	1 built-in mic
	-IVS: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound
Alarm (-S)	2 inputs, 2 outputs (max. 12 VDC, 30mA)
Video Out (-IVS)	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, Φ5.5mm coaxial power plug -IVM/ND: PoE (36 to 57 VDC, 802.3 af), class 3, 4-core M12
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 -IVM/ND: PoE: (802.3af, 36V to 57V), 0.22 A to 0.13 A, max: 7.8W
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), DS-2XM6825G0/C-IVM/ND (2 mm)
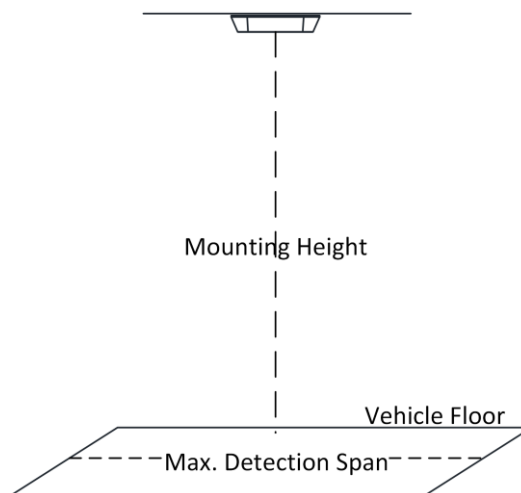
Dimension

0°

25°

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

HIKVISION®

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com