DS-2CD6825G0-ZK/C-I(V)(S)
2 MP IR Network Camera

With -V Mode:

Without -V Mode:

- 1/2.7" Progressive Scan CMOS
- 1920 × 1080 @ 30fps
- 2 mm fixed lens
- Digital WDR
- 3D DNR

- ROI
- H.265, H.265+

Specifications

Camera	
Image Sensor	1/1.2.7" Progressive Scan CMOS
Min. Illumination	Color: 0.005 Lux @ (F1.2, AGC ON), 0.0176 Lux @ (F2.25, AGC ON) B/W: 0.001 Lux @ (F1.2, AGC ON), 0.0035 Lux @ (F2.2.5, AGC ON)
Shutter Speed	1/25 s to 1/100,000 s
Day & Night	IR Cut Filter
WDR	Digital WDR

Lens	
Focal Length	2 mm fixed lens
Aperture	F2.25
FOV	Horizontal FOV 104.5°, vertical FOV 70.5°, diagonal FOV 112°
Lens Mount	M12

IR	
IR Range	Up to 6 m IR range
Wavelength	850 nm

Video	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 720); 60Hz: 30fps (1920 × 1080, 1280 × 720)
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	
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, 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	
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 (5.0)
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (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	1 RJ45 10M/100M Ethernet port, -S: 1 RS-485 interface (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Audio	1 built-in mic -S: 1 input (line in, two-core terminal block), 1 output (two-core terminal block), mono sound
Alarm (-S)	1 input, 1 output (max. 24 VDC, 1 A)
On-board storage	300 M eMMC storage for people counting data

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
Startup and Operating Conditions	-30 °C to +45 °C (-22 °F to +113 °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	12 VDC±20%, reverse polarity protection, Φ5.5mm coaxial power plug 12 VDC, PoE (36 to 57 VDC, 802.3af), Calss3

Power Consumption	12 VDC, 0.66 A, max. 8 W, PoE (802.3 af, 36 to 57 VDC), 0.23 A to 0.14 A, max. 8.3 W
Material	Front cover: plastic, camera body: metal
Dimensions	With -V: 168 mm × 61 mm × 41 mm (6.6" × 2.4" × 1.6") Without -V: 168 mm × 61 mm × 36 mm (6.6" × 2.4" × 1.4") With Package: 235 mm × 120 mm × 125 mm (9.2" × 4.7" × 4.9")
Weight	Camera: Approx. 435 g (1 lb.) With package: 725 g (1.6 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	With -V model: IP67 (IEC 60529-2013)

Available Model

DS-2CD6825G0-ZK/C-I (2 mm), DS-2CD6825G0-ZK/C-IS (2 mm), DS-2CD6825G0-ZK/C-IV (2 mm),
DS-2CD6825G0-ZK/C-IVS (2 mm)

▪ Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

| Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti-corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped for use in areas with moderate anti-corrosion demands. Typical application scenarios include coastal areas about 2 kilometers (1.24 miles) away from coastlines, as well as areas affected by acid rain.
No specific protection	Hikvision products at this level are equipped for use in areas where no specific anti-corrosion protection is needed.

Dimension

Without -V Model:

168 (6.6")
61 (2.4")
36 (1.4")
4-Φ4.5 (0.18")
4 (0.16")
4 (0.16")
83.5 (3.3")

With -V Model:

61 (2.4")
168 (6.6")
41 (1.6")
4-Φ4.5 (0.18")
4 (0.16")
4 (0.16")
83.5 (3.3")
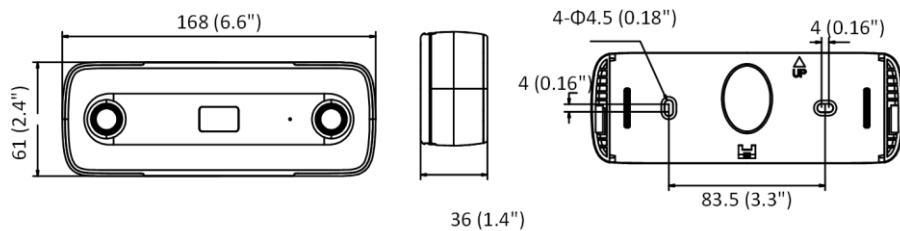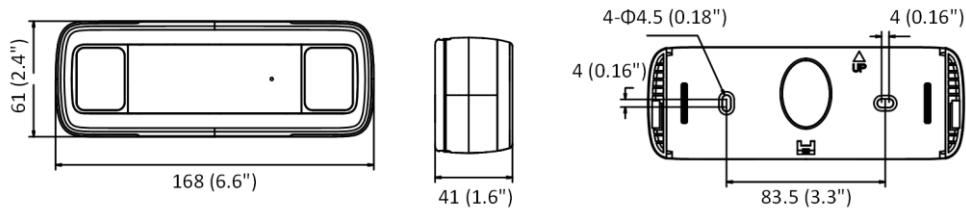
Installation Recommendation

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	2.1	0.95
2	2.6	2.15
2	3.1	3.34
2	3.6	4.53
2	4.1	5.72
2	4.7	5.36
2	5.1	6.08
2	5.6	6.97
2	6	7.69

Mounting Height

Vehicle Floor

Max. Detection Span
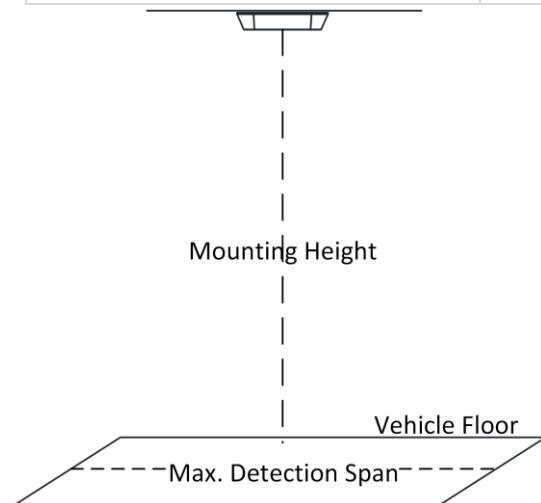
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