

DS-2CD2685G0-IZS 8 MP IR Varifocal Bullet Network Camera















Key Features

- 1/2" Progressive Scan CMOS
- 3840 × 2160 @20fps
- H.265, H.265+
- 120dB WDR
- IP66, IK10
- IR range: Up to 50 m
- Powered by Darkfighter

- BLC/3D DNR/ROI/HLC
- Smart encoding: Support low bit rate, low latency
- 4 behavior analyses and face detection
- Color: 0.008 Lux @ (F1.2, AGC ON), 0.011
 Lux @ (F1.4, AGC ON)





Specifications

Camera		
Image Sensor	1/2" Progressive Scan CMOS	
Min. Illumination	Color: 0.008 Lux @ (F1.2, AGC ON), 0.011 Lux @ (F1.4, AGC ON)	
Shutter Speed	1/3 s to 1/100,000 s	
Slow Shutter	Yes	
Day & Night	IR Cut Filter	
Digital Noise Reduction	3D DNR	
WDR	120dB	
3-Axis Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°	
Lens		
Focal length	2.8 to 12 mm	
Lens Type	Motorized	
Aperture	F1.4	
Focus	Auto	
FOV	Horizontal field of view: 112° to 46° Vertical field of view: 60° to 26° Diagonal field of view: 133° to 53°	
Lens Mount	Ф14	
IR		
IR Range	Up to 50 m	
Wavelength	850nm	
Compression Standard		
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264	
H.264 Type	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	
Smart Feature-set		
Smart Event	Line crossing detection, intrusion detection, unattended baggage detection, object removal detection, face detection, scene change detection	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)	
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, alarm output, Email	
ROI (Region of Interest)	Support 1 fixed region for main stream and sub stream separately	
Image		
Max. Resolution	3840 × 2160	
Main Stream	50Hz: 20 fps (3840 × 2160), 25 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 20 fps (3840 × 2160), 30 fps (3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720)	
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)	



IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H listening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: IEB+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Sampling Rate 64Kbps(G.7111/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General General Salaguages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi	Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288) 60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
inages setting software or web browser Day/Night Switch Day/Night Switch Day/Night Switch Network Network Network Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR Protocols CPC/IP, UDP, ICMB, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SMTP, SNI ICMMP, 802.1X, QoS, Inv6, UDP, Bonijour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H listening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, iP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels User/Host Up to 32 users 3 leveks: Administrator, Operator and User Client NMS-420.0, Hik-Connect, Hik-Central Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1 Vp-p composite output (75 O) (for adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Sampling Rate Audio Sampling Rate Audio Sampling Rate Audio Gekbps(G,711)/16Kbps(G,722.1)/15Kbps(G,726.)/32-192Kbps(MP212)/8Kbps-320Kbps(MP3) General Operating Conditions 4 SkHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression Audio Bit Rate 6 4Kbps(G,711)/16Kbps(G,722.1)/15Kbps(G,726.)/32-192Kbps(MP212)/8Kbps-320Kbps(MP3) English, Bussian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Durch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turksh, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Grazil) Power Consumption and Current Power Consumption	Image Enhancement	BLC/3D DNR/HLC
*Note: When the main stream resolution is 3840 × 2160, max frame rate is 20 fps for all streams. **Network** Network Storage Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR **Protocols** TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SN IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H istening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDX **Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, wand digest authentication for DNVIF, TLS1.2 Simultaneous Live View Up to 6 channels Up to 32 users 3 levels: Administrator, Operator and User Ulpedin required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ **Interface** Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 riput, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage 8 with in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Compression 6722.1/6.711/16726/MP212/PCM/MP3 Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression 6722.1/6.711/16726/MP212/PCM/MP3 Audio Bit Rate 64kbs(G.711)/16kbps(G.722.1)/16kbps(G.726)/32-192kbps(MP212)/8kbps-320kbps(MP3) **Prover Supply** Poewer Supply** Poewer Gonsumption 22 VDC 23 m, 24.5 vt to 57V), 0.5 h to 0.3A, max. 18W	Image Setting	
Network Network Storage Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR Protocols TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SMTP, SN (GMR) 802.1X, QuS, IPv6, UDP, Bonjour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H listening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-EAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 3 z users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: 189+ plug-in required live view: 189+ plug-in free live view: 160-ness of plug-in required live view: 189+ plug-in free live view: 160-ness of plug-in required live view: 189- plug-in free live view: 160-ness of plug-in required live view: 189- plug-in free live view: 160-ness of plug-in required live view: 189- plug-in required live view: 18	Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Network Storage Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR Protocols TCP/IP, UDP, ICAMP, HTTP, HTTPS, FTP, DHCD, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPNP, SMTP, SN (GMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS General Function Ant-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H listening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, wand in a digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: Chrome 57.0+, Firefox 30.0+ Web Browser Plug-in required live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication interface 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Video Output 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1 VPD-p composite output (75 Ω) (For adjustment only)	*Note: When the main st	tream resolution is 3840 × 2160, max frame rate is 20 fps for all streams.
Protocols TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPNP, SMTP, SNI ICMP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS General Function Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H listening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, wand digest authentication for ONVIF, TLS1.2 Simultaneous Live View User/Host Up to 32 users 3 levels: Administrator, Operator and User Client VIMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Interface Audio 1 input, (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1 Vp-p composite output (75 Q) (for adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Sampling Rate Audio Compression Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP212/PCM/MP3 Audio Bit Rate G4Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.722.1)/16Kbps(G.722-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Seeh Turksh, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Consumption and Current Power Consumption Audio Current Power Consumption Audio Current	Network	
IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, H istening API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security EAP-LEAP, EAP-MOSI, watermark, IP address filter, basic and digest authentication (EAP-TLS EAP-LEAP, EAP-MOSI), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 riput, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1 Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button 2 Audio Sampling Rate Audio Sampling Rate 4 Audio Compression G722.1/G.711/G726/MP212/PCM/MP3 Audio Bit Rate 64kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP212)/8Kbps-320Kbps(MP3) General Power Consumption 32 Languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Damish, Swedish, Norwegian, Firnish, Croatian, Sorvetian, Serbi Turkish, Korean, Traditional Chinese, Thal, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Consumption and Current Power Consumption and Curre	Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
API ONVIE (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK Security Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IEB+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 0) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP212/PCM/MP3 Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression -3.0 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) General Salanguages Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 21 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Urikish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Consumption and Current Poets (Sc. 23 to 57 V), 0.5A to 0.3A, max. 18W	Protocols	TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
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, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels	General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Security EAP-LEAP, EAP-FMDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, W and digest authentication for ONVIF, TLS1.2 Simultaneous Live View Up to 6 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IEB+ Plug-in free live view: Chrome 97.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate G4bbps(G.721.1)/16kbps(G.722.1)/16kbps(G.726)/32-192Kbps(MP2L2)/8kbps-320Kbps(MP3) General Diptch, Portuguese, Spanish, Romanian, Da	API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
User/Host Up to 32 users 3 levels: Administrator, Operator and User Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IEB+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 ruput, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G711/G726/MP212/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP212)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply PoE (802.3at, class 4) Power Consumption and Current Poets of the Correct of the Correct of the Current Poets (802.3at, class 4) Poets (202.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS 1.2, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, TLS1.2
Sev/Host 3 levels: Administrator, Operator and User	Simultaneous Live View	Up to 6 channels
Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1/P-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering 4 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC, 1.25, Poter 12.5W Pote (802.3at, class 4) Power Consumption and Current 12 VDC, 1.2A, max. 14.5W Poter (120 Current) Poter (120 Curre	User/Host	· ·
Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+ Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions 30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC ± 25% Pof (802.3at, class 4) <td>Client</td> <td>iVMS-4200, Hik-Connect, Hik-Central</td>	Client	iVMS-4200, Hik-Connect, Hik-Central
Interface Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP212/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP212)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC; 1:2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Web Browser	
Audio 1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound Communication Interface 1 RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering Yes Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC ± 25% PoE (802.3at, class 4) Power Consumption and Current Poet Current Poet Current Poet (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W		Local Service: Chrome 41.0+, Firefox 30.0+
Communication Interface1 RJ45 10M/100M self-adaptive Ethernet portAlarm1 input, 1 output (max. 12 VDC, 30 mA), terminal blockVideo Output1Vp-p composite output (75 Ω) (For adjustment only)On-board storageBuilt-in micro SD/SDHC/SDXC slot, up to 128 GBReset ButtonYesAudioFilteringEnvironment Noise FilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHzAudio CompressionG722.1/G.711/G726/MP2L2/PCM/MP3Audio Bit Rate64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)GeneralOperating Conditions-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)Web Client Language32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol 	Interface	
Interface I RJ45 10M/100M self-adaptive Ethernet port Alarm 1 input, 1 output (max. 12 VDC, 30 mA), terminal block Video Output 1Vp-p composite output (75 Ω) (For adjustment only) On-board storage Built-in micro SD/SDHC/SDXC slot, up to 128 GB Reset Button Yes Audio Environment Noise Filtering Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64kbps(G.711)/16kbps(G.722.1)/16kbps(G.726)/32-192kbps(MP2L2)/8kbps-320kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Audio	1 input (line in, 3.5 mm), 1 output (3.5 mm), mono sound
Video Output1Vp-p composite output (75 Ω) (For adjustment only)On-board storageBuilt-in micro SD/SDHC/SDXC slot, up to 128 GBReset ButtonYesAudioFilteringYesAudio Sampling Rate8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHzAudio CompressionG722.1/G.711/G726/MP2L2/PCM/MP3Audio Bit Rate64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)GeneralOperating Conditions-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)Web Client LanguageEnglish, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)Power Supply12 VDC ± 25% PoE (802.3at, class 4)Power Consumption and Current12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W		1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage Reset Button Yes Audio Environment Noise Filtering Audio Sampling Rate Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Alarm	1 input, 1 output (max. 12 VDC, 30 mA), terminal block
Reset Button Audio Environment Noise Filtering Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64kbps(G.711)/16kbps(G.722.1)/16kbps(G.726)/32-192kbps(MP2L2)/8kbps-320kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Video Output	1Vp-p composite output (75 Ω) (For adjustment only)
Environment Noise Filtering Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Environment Noise Filtering Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC ± 25% PoE (802.3at, class 4) Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Reset Button	Yes
Filtering Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Audio	
Audio Compression G722.1/G.711/G726/MP2L2/PCM/MP3 Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply 12 VDC ± 25% PoE (802.3at, class 4) Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W		Yes
Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3) General Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Audio Compression	G722.1/G.711/G726/MP2L2/PCM/MP3
Operating Conditions -30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing) 32 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
Web Client Language English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power Supply Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	General	
Web Client Language English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Pol Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Finnish, Croatian, Slovenian, Serbi Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) 12 VDC ± 25% PoE (802.3at, class 4) Power Consumption and Current 12 VDC, 1.2A, max. 14.5W PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), humidity 95% or less (non-condensing)
Power Supply PoE (802.3at, class 4) Power Consumption and Current PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	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)
and Current PoE: (802.3at, 42.5V to 57V), 0.5A to 0.3A, max. 18W	Power Supply	
Protection Level IP66, IK10		
	Protection Level	IP66, IK10



Material	Front cover: metal, back cover: metal
Dimensions	Camera: Φ144 × 332.7 mm (Φ5.7"× 13.1")
Weight	Camera: 1400 g (3.1 lb.) With package: 2500 g (5.5 lb.)

Available Model:

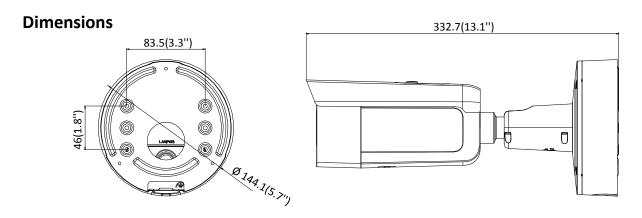
DS-2CD2685G0-IZS (2.8 to 12 mm)

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.

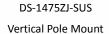


Unit: mm(inch)



Accessories







DS-1476ZJ-SUS Corner Mount



DS-1275ZJ-S-SUS Vertical Pole Mount



DS-1475ZJ-SUS(Black)
Vertical pole mount

Distributed by

HIKVISION

Headquarters

No.555 Qianmo Road, Binjiang District, Hangzhou 310051, China T +86-571-8807-5998 overseasbusiness@hikvision.com

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

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

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

Hikvision Africa T +27 (10) 0351172 sale.africa@hikvision.com Hikvision Europe T +31-23-55-42-770 info.eu@hikvision.com

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

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

Hikvision Hong Kong T +852-2151-1761 Hikvision Middle East T +971-4-8816086 salesme@hikvision.com

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

Hikvision Canada T+1-909-895-0400 sales.usa@hikvision.com Hikvision Russia T +7-495-669-67-99 saleru@hikvision.com

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

Hikvision Korea T +82-31-731-8841 sales.korea@hikvision.com Hikvision India T +91-22-28469900 sales@pramahikvision.com

Hikvision UK T +01628-902140 support.uk@hikvision.com

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