

DS-2CD2027G2-L(U) 2 MP ColorVu Fixed Bullet Network Camera













Hikvision ColorVu technology provides 24/7 vivid colorful images with F1.0 advanced lenses and high performance sensors. F1.0 super-aperture collects more light to produce brighter images. Advanced sensor technology can vastly improve the utilization of available light.

- High quality imaging with 2 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB WDR technology
- 24/7 colorful imaging
- Focus on human and vehicle classification based on deep learning
- -U: Built-in microphone for real-time audio security
- Water and dust resistant (IP67)





Specification

Camera			
Image Sensor	1/2.8" Progressive Scan CMOS		
Min. Illumination	0.0005 Lux @ (F1.0, AGC ON), 0 Lux with Light		
Shutter Speed	1/3 s to 1/100,000 s		
Slow Shutter	Yes		
P/N	P/N		
Wide Dynamic Range	120 dB		
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°		
Lens			
Lens Type	Fixed focal lens, 2.8, 4, and 6 mm optional		
Iris Type	Fixed		
	2.8 mm, 1.7 m to ∞		
Depth of Field	4 mm, 2.3 m to ∞		
	6 mm, 5.3 m to ∞		
	2.8 mm, horizontal FOV 107°, vertical FOV 56°, diagonal FOV 127°		
Focal Length & FOV	4 mm, horizontal FOV 84°, vertical FOV 45°, diagonal FOV 99°		
	6 mm, horizontal FOV 55°, vertical FOV 30°, diagonal FOV 63°		
Aperture	F1.0		
Lens Mount	M12		
DORI			
	2.8 mm, D: 46 m, O: 18 m, R: 9 m, I: 4 m		
DORI	4 mm, D: 56 m, O: 22 m, R: 11 m, I: 5 m		
	6 mm, D: 83 m, O: 33 m, R: 16 m, I: 8 m		
Illuminator			
White Light Range	40 m		
Smart Supplement Light	Yes		
Video			
Max. Resolution	1920 × 1080		
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720)		
Iviaiii Sti Caiii	60 Hz: 30 fps (1920 × 1080, 1280 × 720)		
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360)		
Sub-Stream	60 Hz: 30 fps (640 × 480, 640 × 360)		
	50 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)		
Third Stream	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)		
	*Third stream is supported under certain settings.		
	Main stream: H.265/H.264/H.265+/H.264+		
Video Compression	Sub-stream: H.265/H.264/MJPEG		
	Third stream: H.265/H.264		
	*Third stream is supported under certain settings.		
Video Bit Rate	32 Kbps to 8 Mbps		
H.264 Type	Baseline Profile/Main Profile/High Profile		
H.265 Type	Main Profile		
H.264+	Main stream supports		



Bit Rate Control Scalable Wideo Coding (SVC) Region of Interest (ROI) Audio Environment Noise Filtering -U: Yes Audio Sampling Rate -U: 6 k kbz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression -U: 6 J*Itlulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate -U: 6 k kbps (G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate -U: 6 k kbps (G.711ulaw/G.711alaw/J.6 kbps (G.722.1)/16 kbps (G.726.)/32 to 192 kbps (mp2.2)/8 to 320 kbps (MP3)/16 to 64 kbps (AAC-LC) Network Simultaneous Live View Up to 6 channels API	H.265+	Main stream supports		
Region of Interest (ROI) Audio Environment Noise Filtering -U: Yes Audio Sampling Rate -U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression -U: 64 Kbps (G.711alaw/G.711alaw)/15 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP21z)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC) Network Simultaneous Live View View April Depen Network Video Interface (PROFILE S, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, Protocols IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPP0E, SMMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS.1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Parameters Switch Yes Image Settings Botate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Deep Learning Function	Bit Rate Control	CBR/VBR		
Audio Senitronment Noise Filtering	Scalable Video Coding (SVC)	H.265 and H.264 encoding		
Environment Noise Filtering Audio Sampling Rate Audio Compression -U: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate -U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression -U: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate -U: 6 k kbps (G.712ulaw/G.711alaw)/16 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)/8 to 320 kbps (MP3)/16 to 64 kbps (AAC-LC) Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE T, ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPOE, SNMP, WebSockets WebSockets WebSockets Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS.1.1/1.2, WSSE and digest authentication for OPen Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Uly to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS.1.1/1.2, WSSE and digest authentication for OPen Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Uly to 32 users. 3 user levels: E 10, E 11 Plug-in free live view: E 10, E 11 Plug-in fre	Region of Interest (ROI)	1 fixed region for main stream and sub-stream		
Audio Sampling Rate Audio Compression 4U: G-711ulaw/G-711alaw/G-7121alaw/G-722.1/G-726/MP212/PCM/MP3/AAC-LC 4U: G-711ulaw/G-711alaw/G-7121alaw/J-6 Kbps (G-722.1)/16 Kbps (G-726.)/32 to 192 Kbps (MP212)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC) Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SMMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS.1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/GFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: E 10, E 11 Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Roate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scent Key Scent Characterian Function	Audio			
Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC Audio Bit Rate (MP2L2)/8 to 320 kbps (MP3)/16 to 64 kbps (G.722.1)/16 kbps (G.726)/32 to 192 kbps (MP2L2)/8 to 320 kbps (MP3)/16 to 64 kbps (AAC-LC) Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPNP, SMTP, IGMP, 802.1X, Qos, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPo6, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NRS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome	Environment Noise Filtering	-U: Yes		
Audio Bit Rate -U: 64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC) Network Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, (IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SMMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface NAS (NFS, SMB/GIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection	Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
Network Simultaneous Live View API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Vimb-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection	Audio Compression	-U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC		
Simultaneous Live View Up to 6 channels API Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 8				
API Open Network Video Interface (PROFILE S, PROFILE T), ISAPI, SDK TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPP0E, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Web Browser Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface Interfa				
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Protocols IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket, WebSockets User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTDS, TLS 1.1/1.2, WSSE and digest authentication for HTTP/HTDS incryption, IP address filter, Security Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image Panameters Switch Pes Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Bully-in free live view: El 10, IE 11 Plug-in required live view: IE 10, IE 11	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK		
Password protection, complicated password, HTTPS encryption, IP address filter, Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE and digest authentication for Open Network Video Interface Network Storage NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ SNR 2 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection	Protocols	IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, WebSocket,		
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Client iVMS-4200, Hik-Connect, Hik-Central Web Browser Plug-in required live view: IE 10, IE 11 Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Security	Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE		
Plug-in required live view: IE 10, IE 11 Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Network Storage			
Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Client			
Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+ Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDMC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function Scene change detection		Plug-in required live view: IE 10, IE 11		
Image SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface •U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+		
SNR ≥ 52 dB Day/Night Switch Day, Night, Auto, Schedule Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function		Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
Day/Night Switch Image Enhancement Image Enhancement Image Parameters Switch Image Parameters Switch Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Deep Learning Function	Image			
Image Enhancement BLC, HLC, 3D DNR Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	SNR	≥ 52 dB		
Image Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Deep Learning Function	Day/Night Switch	Day, Night, Auto, Schedule		
Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Image Enhancement	BLC, HLC, 3D DNR		
Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Image Parameters Switch	Yes		
Interface Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Imaga Cattings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance		
Built-in Microphone -U: Yes On-Board Storage Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	image Settings	adjustable by client software or web browser		
On-Board Storage Reset Key Yes Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Interface			
Reset Key Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Built-in Microphone	-U: Yes		
Ethernet Interface 1 RJ45 10 M/100 M self-adaptive Ethernet port Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
Event Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Reset Key	Yes		
Basic Event Motion detection (human and vehicle targets classification), video tampering alarm, exception Smart Event Scene change detection Deep Learning Function	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
Basic Event exception Smart Event Scene change detection Deep Learning Function	Event			
Deep Learning Function	Basic Event			
	Smart Event	Scene change detection		
Face Capture Yes	Deep Learning Function			
	Face Capture	Yes		



	Line crossing detection, intrusion detection, region entrance detection, region exiting	
Perimeter Protection	detection	
	Supports human and vehicle targets classification	
General	-	
	Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger	
Linkage Method	capture, send email	
Firmware Version	V5.5.113	
	33 languages	
	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak,	
Language	French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian,	
	Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai,	
	Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil), Ukrainian	
	Anti-flicker, heartbeat, mirror, privacy mask, flash log, password reset via email, pixel	
General Function	counter	
Software Reset	Yes	
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	
Startup and Operating	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)	
Conditions		
Power Supply	12 VDC ± 25%	
rowei Suppiy	PoE: 802.3af, 36 V to 57 V, Class 3	
Dower Consumption and Current	12 VDC, 0.5 A, max. 6.0 W	
Power Consumption and Current	PoE (802.3af, 36 V to 57 V), 0.25 A to 0.15 A, max. 7.5 W	
Power Interface	Ø5.5 mm coaxial power plug	
Dimension	215.2 mm × 78.8 mm × 78.6 mm (8.5" × 3.1" × 3.1")	
Package Dimension	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")	
Weight	Approx. 680 g (1.5 lb.)	
With Package Weight	Approx. 1000 g (2.2 lb.)	
Approval		
	FCC SDoC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014,	
EMC	EN 61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC	
	(ICES-003: Issue 6, 2016);KC (KN 32: 2015, KN 35: 2015)	
	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014);	
Safety	CE-LVD (EN 60950-1:2005 + Am 1:2009 + Am 2:2013, IEC 62368-1:2014); BIS (IS	
	13252(Part 1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)	
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)	
Protection	IP67 (IEC 60529-2013)	

Available Model

DS-2CD2027G2-L (2.8/4/6 mm) DS-2CD2027G2-LU (2.8/4/6 mm)

Typical Application

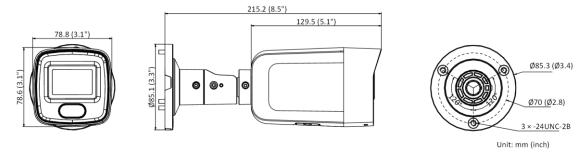
Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.



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 at		
	protection is needed.	

Dimension



Accessory

Optional

DS-1280ZJ-S Junction Box	DS-1275ZJ-SUS Vertical Pole Mount	DS-1276ZJ-SUS Corner Mount



Distributed by

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