

# DS-2CD1H43G2-IZ(S) 4 MP Varifocal Turret Network Camera











- High quality imaging with 4 MP resolution
- Support Human and Vehicle Detection
- 2.8 to 12 mm motorized varifocal lens for easy installation and monitoring
- Up to 256 GB memory card slot for storage
- Water and dust resistant (IP67)
- EXIR 2.0: advanced infrared technology with long IR range
- Clear imaging even with strong back lighting due to 120 dB
   WDR technology
- Efficient H.265+ compression technology



# Specification

Image Sensor         1,3° Progressive Scan CMOS           Max. Resolution         2560 × 1440           Mini. Illumination         Color: 0.005 Lux @ [F1.6, AGC ON), B/W: 0 Lux with IR           Shutter Time         1/3 s to 1/100,000 s           Day & Night         IR cut filter           Angle Adjustment         Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°           Eens         Varificeal lens, motorized lens, 2.8 to 12 mm           Ens Type         2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5°           Lens Mount         Ø14           Iris Type         Fixed           Aperture         P1.6           Supplement Light Type         IR           Supplement Light Range         P0 to 30 m           Bit Wavelength         850 m           Smart Supplement Light         Yes           Video         50 Hz:           Supplement Light         Yes           Video         50 Hz:           Supplement Light         Yes           Video         Yes           Supplement Light         Yes           Video         Yes           Supplement Light         Yes           Supplement Light         Yes           Yes	Camera					
Min. Illumination         Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR           Shutter Time         1/3 s to 1/100,000 s           Angle Adjustment         Pan: 0" to 360°, tilt: 0" to 75°, rotate: 0" to 360°           Lens         Varifocal lens, motorized lens, 2.8 to 12 mm           Focal Length & FOV         2.8 to 12 mm, horizontal FOV 95.9" to 29.2", vertical FOV 50.6" to 16.4", diagonal FOV 114.7" to 33.5"           Lens Mount         Ø14           Iris Type         Fixed           Aperture         F1.6           Illuminator           Supplement Light Type         IR           IR Wavelength         850 nm           Smart Supplement Light Range         Up to 30 m           Main Stream         50 H2:           20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 H2:         20 fps (2560 × 1440)           24 fps (1920 × 1080, 1280 × 720)         60 H2:           20 fps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)           60 H2:         20 fps (2560 × 1440)           24 fps (1920 × 1080, 1280 × 720)         60 H2:           Video Compression         Main stream: H.265+H.264+H.264           Sub-stream: H.265-H.264,MIPEG           Video Bit Rate         32 Kbps to 8 Mbps           H.265 Type         <	Image Sensor	1/3" Progressive Scan CMOS				
Shutter Time         1/3 s to 1/100,000 s           Day & Night         IR cut filter           Angle Adjustmen         Pan-0" to 360", tilt: 0" to 75", rotate: 0" to 360"           Lens         Description of the part of the par	Max. Resolution	2560 × 1440				
Day & Night         IR cut filter           Angle Adjustment         Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°           Lens         Varifocal lens, motorized lens, 2.8 to 12 mm           Focal Length & FOV         2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5°           Lens Mount         Ø14           Iris Type         Fixed           Aperture         F1.6           Aperture         F1.6           Supplement Light Type         IR           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video         50 H2: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 H2: 20 fps (2560 × 1440) 24 fps (1280 × 1080, 1280 × 720) 60 H2: 24 fps (1280 × 206, 640 × 480, 640 × 360)           Video Compression         Main stream: H. 265/H. 265/H. 2664/H. 264 Sub-stream: H. 265/H. 2664/H. 264 Sub-stream: H. 265/H. 2664/H. 264           Video Compression         Main stream: H. 265/H. 2664/H. 264 Sub-stream: H. 265/H. 2664/H. 264 Sub-stream: H. 265/H. 2664/H. 264           Video Compression         1 fixed region(s) for main stream           Video Compression         2 Kbps to 8 Mbps           H. 265 Type         Main Profile           Region of Interest (ROI)         1 fixed region(s) for main stream           Audio Compression         <	Min. Illumination	Color: 0.005 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR				
Angle Adjustment         Pan: 0" to 360", tilt: 0" to 75", rotate: 0" to 360"           Lens         Lens           Lens Type         Varifocal lens, motorized lens, 2.8 to 12 mm           Focal Length & FOV         2.8 to 12 mm, horizontal FOV 95.9" to 29.2", vertical FOV 50.6" to 16.4", diagonal FOV 114.7" to 33.5"           Lens Mount         Ø14           Iris Type         Fixed           Aperture         F1.6           Illuminator         Supplement Light Type         IR           Supplement Light Range         Up to 30 m         III           If Wavelength         850 mm         Somm           Smart Supplement Light         Yes           Video         Video           Job ps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 Hz:         20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 Hz:         20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         360 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         360 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Bit Rate         32 Kbps to 8 Mbps         45 Fps (454 Tps (45	Shutter Time	1/3 s to 1/100,000 s				
Lens         Lyre         Varifocal lens, motorized lens, 2.8 to 12 mm           Focal Length & FOV         2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5°           Lens Mount         Ø14           Iris Type         Fixed           Aperture         F1.6           Supplement Light Type         IR           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video         Video           Main Stream         50 Hz:	Day & Night	IR cut filter				
Lens Type         Varifocal lens, motorized lens, 2.8 to 12 mm           Focal Length & FOV         2.8 to 12 mm, horizontal FOV 95.9° to 29.2°, vertical FOV 50.6° to 16.4°, diagonal FOV 114.7° to 33.5°           Lens Mount         Ø14           Iris Type         Fixed           Aperture         F1.6           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video           Main Stream         50 H2:           20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)           60 H2:         20 fps (2560 × 1440)           20 fps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)           60 H2:         24 fps (1920 × 1080, 1280 × 720)           60 H2:         24 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 H2: 25 fps (1280 × 720, 640 × 480, 640 × 360)           60 H2:         24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265+H.265+H.264-H.264           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile, Main Profile, High Profile           H.265 Type         Main Profile	Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°				
Procal Length & FOV	Lens					
Internation	Lens Type	Varifocal lens, motorized lens, 2.8 to 12 mm				
Iris Type         Fixed           Aperture         F1.6           Illumiator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video         Video           Main Stream         50 Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720) 60 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)           Video Sit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile, Main Profile, High Profile           H.265 Type         Main Profile           Region of Interest (ROI)         18 region (spins) for main stream           Audio         5: 6.711ulaw/6.711alaw/6.712.1/G.726/MP2L2/PCM/AAC-LC           Audio Compression         5: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         5: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)           Network         Vervious         TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPV6, UDP, QOS, FTP, SMTP	Focal Length & FOV	_				
Aperture         F1.6           Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video         50 Hz:	Lens Mount	Ø14				
Illuminator           Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         VS           Video           Video           So Hz:	Iris Type	Fixed				
Supplement Light Type         IR           Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         ves           Video           50 Hz: 20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)         60 Hz: 20 fps (2560 × 1440)           25 fps (1920 × 1080, 1280 × 720)         60 Hz: 20 fps (1920 × 1080, 1280 × 720)           50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)         60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265/H.265/H.264/H.264           Video Bit Rate         32 Kbps to 8 Mbps           H.264 Type         Baseline Profile, Main Profile, High Profile           H.265 Type         Main Profile           Region of Interest (ROI)         1 fixed region(s) for main stream           Audio Compression         -5: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC           Audio Bit Rate         -5: G.4 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         -5: 64 Kbps (AAC-LC)           Environment Noise Filtering         -5: Yes           Network         TCP/IP, ICMP, DHCP, DNS,	Aperture	F1.6				
Supplement Light Range         Up to 30 m           IR Wavelength         850 nm           Smart Supplement Light         Yes           Video           To Hz: 20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440) 24 fps (1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)           Video Compression         Main stream: H.265/H.264/H.264/H.264           Video Bit Rate         32 Kbps to 8 Mbps           H.265 Type         Baseline Profile, Main Profile, High Profile           H.265 Type         Main Profile           Region of Interest (ROI)         1 fixed region(s) for main stream           Audio Compression         -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC           Audio Sampling Rate         -S: G.71tulaw/G.711alaw/G.722.1/J.16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)           Audio Sampling Rate         -S: 8 kHz/16 kHz           Environment Noise Filtering         -S: Yes           Network           Protocols         TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QOS, FTP, SMTP           Simultaneous Live View         Up to 6 channels	Illuminator					
IR Wavelength         850 nm           Smart Supplement Light         Yes           Video           Video           Su hz: 20 fps (2560 × 1440)	Supplement Light Type	IR				
Smart Supplement Light         Yes           Video         Video           Main Stream         50 Hz:	Supplement Light Range	Up to 30 m				
Video           Main Stream         50 Hz:	IR Wavelength					
Main Stream         50 Hz:	Smart Supplement Light	Yes				
Main Stream       20 fps (2560 × 1440)         25 fps (1920 × 1080, 1280 × 720)         60 Hz:       20 fps (2560 × 1440)         24 fps (1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)         60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)         Wideo Compression       Main stream: H.265/H.264/H.264         Video Bit Rate       32 Kbps to 8 Mbps         H.264 Type       Baseline Profile, Main Profile, High Profile         H.265 Type       Main Profile         Region of Interest (ROI)       1 fixed region(s) for main stream         Audio       -s: 6.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC         Audio Bit Rate       -s: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)         Audio Sampling Rate       -s: 8 kHz/16 kHz         Environment Noise Filtering       -s: Yes         Network       TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP         Simultaneous Live View       Up to 6 channels	Video					
Sub-Stream 60 Hz: 24 fps (1280 × 720, 640 × 480, 640 × 360)  Main stream: H.265+/H.264+/H.264 Sub-stream: H.265+/H.264/MJPEG  Video Bit Rate 32 Kbps to 8 Mbps  H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region(s) for main stream  Audio  Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Main Stream	20 fps (2560 × 1440) 25 fps (1920 × 1080, 1280 × 720) 60 Hz: 20 fps (2560 × 1440)				
Video Compression  Sub-stream: H.265/H.264/MJPEG  Video Bit Rate  32 Kbps to 8 Mbps  H.264 Type  Baseline Profile, Main Profile, High Profile  H.265 Type  Main Profile  Region of Interest (ROI)  1 fixed region(s) for main stream  Audio  Audio Compression  -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate  -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate  -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols  TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View  Up to 6 channels	50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360)					
H.264 Type Baseline Profile, Main Profile H.265 Type Main Profile Region of Interest (ROI) 1 fixed region(s) for main stream  Audio  Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	Video Compression					
H.265 Type Main Profile  Region of Interest (ROI) 1 fixed region(s) for main stream  Audio  Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	Video Bit Rate	32 Kbps to 8 Mbps				
Region of Interest (ROI)  Audio  Audio Compression  -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate  -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate  -S: 8 kHz/16 kHz  Environment Noise Filtering  -S: Yes  Network  Protocols  TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View  Up to 6 channels	H.264 Type	Baseline Profile, Main Profile, High Profile				
Audio Compression -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  Audio Bit Rate -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	H.265 Type	Main Profile				
Audio Compression  -S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC  -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols  TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View  Up to 6 channels	Region of Interest (ROI)	1 fixed region(s) for main stream				
Audio Bit Rate  -S: 64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)  Audio Sampling Rate -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	Audio					
Audio Bit Rate  64 Kbps (AAC-LC)  Audio Sampling Rate  -S: 8 kHz/16 kHz  Environment Noise Filtering -S: Yes  Network  Protocols  TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View  Up to 6 channels	Audio Compression	-S: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC				
Environment Noise Filtering -S: Yes  Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	Audio Bit Rate					
Network  Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP  Simultaneous Live View Up to 6 channels	Audio Sampling Rate	-S: 8 kHz/16 kHz				
Protocols TCP/IP, ICMP, DHCP, DNS, HTTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP Simultaneous Live View Up to 6 channels	Environment Noise Filtering	-S: Yes				
Simultaneous Live View Up to 6 channels	Network					
	Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP				
	Simultaneous Live View	Up to 6 channels				
API Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK	API	Open Network Video Interface (Profile S, Profile G, Profile T), ISAPI, SDK				



User/Host	Up to 32 users				
Client	3 user levels: administrator, operator, and user iVMS-4200, Hik-Connect				
Cheff	Password protection, complicated password, watermark, basic and digest				
Security	authentication for HTTP, WSSE and digest authentication for Open Network Video				
Security	Interface, security audit log, host authentication (MAC address)				
	Plug-in required live view: IE 10, IE 11				
Web Browser	Local service: Chrome 57.0+, Firefox 52.0+				
Image					
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,				
Image Settings	adjustable by client software or web browser				
Day/Night Switch	Day, Night, Auto, Schedule				
Wide Dynamic Range (WDR)	120 dB				
Image Enhancement	BLC, HLC, 3D DNR				
Interface					
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port				
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 256 G				
	-S: 1 input(s) (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input				
	impedance: 4.7 KΩ, interface type: non-equilibrium,				
Audio	-S: 1 output(s) (line out), two-core terminal block, max. output amplitude: 3.3 Vpp,				
	output impedance: 100 $\Omega$ , interface type: non-equilibrium				
Alarm	-S: 1 input(s), 1 output(s)(max. 12 VDC, 30 mA)				
Reset Key	Yes				
Event					
	Motion detection (support alarm triggering by specified target types (human and				
Basic Event	vehicle)), video tampering alarm, exception				
	Upload to FTP/memory card, notify surveillance center, send email, trigger recording,				
Linkage	trigger capture, trigger alarm output (-S)				
General	this capture, this cattain output (5)				
	12 VDC ± 25%, 0.75 A, max. 9 W, Ø5.5 mm coaxial power plug				
Power	PoE: 802.3af, Class 3, 36 V to 57 V, 0.27 A to 0.17 A, max. 10 W				
Dimension	Ø129.4 mm × 116.4 mm (Ø5.1" × 4.6")				
Package Dimension	170 mm × 170 mm × 150 mm (6.7" × 6.7" × 5.9")				
Weight	Approx. 595 g (1.3 lb.)				
With Package Weight	Approx. 880 g (1.9 lb.)				
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Startup and Operating	30 C to 00 C ( 22 T to 140 T). Humarly 33% of less (non-condensing)				
Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Language	English, Ukrainian				
General Function	Heartbeat, anti-banding, mirror, password protection, privacy mask, watermark				
Approval					
EMC	FCC: 47 CFR Part 15, Subpart B CE-EMC: EN 55032: 2015, EN 61000-3-2: 2019, EN 61000-3-3: 2013 + A1: 2019, EN 50130-4: 2011 + A1: 2014 RCM: AS/NZS CISPR 32: 2015				
	IC: ICES-003: Issue 7				



Safety	UL: UL 62368-1		
	CB: IEC 62368-1: 2014 + A11		
	CE-LVD: EN 62368-1: 2014/A11: 2017		
	BIS: IS 13252(Part 1): 2010/IEC 60950-1: 2005		
	CE-RoHS: 2011/65/EU		
Environment	WEEE: 2012/19/EU		
	Reach: Regulation (EC) No 1907/2006		
Protection	IP66: IEC 60529-2013		

### 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.

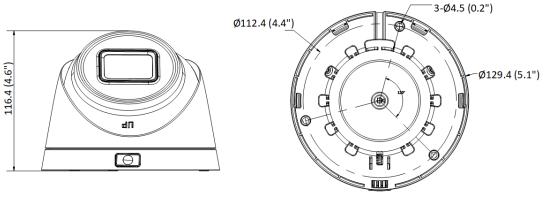
This model has NO SPECIFIC PROTECTION.

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.

#### Available Model

DS-2CD1H43G2-IZ (2.8 to 12 mm) DS-2CD1H43G2-IZS (2.8 to 12 mm)

#### Dimension



Unit: mm (inch)



## Accessory

## Optional

DS-1276ZJ-SUS Corner Mount	DS-1271ZJ-130-TRL Pendant Mount	DS-1273ZJ-130B-TRL Wall Mount	DS-1273ZJ-130-TRL Wall Mount	DS-1275ZJ-SUS Vertical Pole Mount
	I			
DS-1280ZJ-M Junction Box	DS-1281ZJ-M Inclined Ceiling Mount			