

iDS-2CD75C5G0-IZHS 12 MP IR Varifocal Dome Network Camera



- High quality imaging with 12 MP resolution
- Clear imaging against strong back light due to DWDR technology
- Efficient H.265+ compression technology to save bandwidth and storage
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network
- 5 streams and up to 5 custom streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)
- Anti-IR reflection bubble guarantees image quality



▪ Specification

Model		iDS-2CD75C5G0-IZHS
Camera	Image Sensor	1/1.7" Progressive Scan CMOS
	Min. Illumination	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)
	Max. Resolution	4000 × 3000
	Shutter Time	1 s to 1/100,000 s
	Day & Night	IR cut filter Blue glass module to reduce ghost phenomenon.
	Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 75°, rotate: 0° to 355°
Lens	Focus	Auto, semi-auto, manual
	Focal Length & FOV	2.8 to 12 mm, horizontal FOV 96° to 46.2°, vertical FOV 69.2° to 27.2°, diagonal FOV 131° to 45.2° 8 to 32 mm, horizontal FOV 37.8° to 13.6°, vertical FOV 27.8° to 10.3°, diagonal FOV 48.6° to 17.4°
	Aperture	2.8 to 12mm: F1.2 to F2.5 8 to 32 mm: F1.7 to F1.73
	Lens Mount	Integrated
	P-Iris	Yes
Illuminator	Supplement Light Type	IR
	Supplement Light Range	2.8 to 12 mm: 30 m 8 to 32 mm: 50 m
	IR Wavelength	850 nm
	Smart Supplement Light	Yes
Video	Main Stream	50 Hz: 25 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 30 fps (4096 × 2160, 3840 × 2160, 3072 × 1728, 2560 × 1440, 1920 × 1080, 1280 × 720) 50 Hz: 20 fps (4000 × 3000) 60 Hz: 20 fps (4000 × 3000)
	Sub-Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
	Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)

	Fourth Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
	Fifth Stream	50 Hz: 25 fps (704 × 576, 640 × 480) 60 Hz: 30 fps (704 × 480, 640 × 480)
	Custom Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
	Video Compression	Main stream: H.265+/H.265/H.264+/H.264 Sub-stream/third stream/fourth stream/fifth stream/custom stream: H.265/H.264/MJPEG
	Video Bit Rate	32 Kbps to 16 Mbps
	H.264 Type	Baseline Profile/Main Profile/High Profile
	H.265 Type	Main Profile
	Bit Rate Control	CBR/VBR
	Scalable Video Coding (SVC)	H.265 and H.264 encoding
	Region of Interest (ROI)	4 fixed regions for each stream
Audio	Target Cropping	Yes
	Environment Noise Filtering	Yes
	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
	Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/32 Kbps (PCM)/8 to 320 Kbps (MP3)
Network	Audio Type	Mono sound
	Simultaneous Live View	Up to 20 channels
	API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
	Smooth Streaming	Yes
	User/Host	Up to 32 users. 3 user levels: administrator, operator and user
	Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
	Network	microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network

	Storage	replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported.
	Client	iVMS-4200, Hik-Connect, Hik-Central
	Web Browser	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+
Image	Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In
	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24 bit bmp format
	Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction
	Image Parameters Switch	Yes
	Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
	SNR	≥ 52 dB
Interface	Alarm	1 input, 1 output (max. 24 VDC, 1 A)
	Audio	Without -R: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium, mono sound; 2 built-in microphones
	RS-485	With -Y: 1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
	Video Output	1 Vp-p Composite Output(75 Ω/CVBS) (For debugging only)
	On-Board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
	Reset Key	Yes
	Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
Event	Power Output	12 VDC, max. 100 mA (supported by all power supply types)
	Basic Event	Motion detection, video tampering alarm, vibration detection, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
	Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture; Trigger recording: memory card, network storage, pre-record and post-record; Trigger captured pictures uploading: FTP, SFTP, HTTP, NAS, Email; Trigger notification: HTTP, ISAPI, alarm output, Email.
	Smart Event	Line crossing detection, up to 4 lines configurable

		Intrusion detection, up to 4 regions configurable Region entrance detection, up to 4 regions configurable Region exiting detection, up to 4 regions configurable Unattended baggage detection, up to 4 regions configurable Object removal detection, up to 4 regions configurable Scene change detection, audio exception detection, defocus detection
Deep Learning Function	Hard Hat Detection	Detects up to 30 human targets simultaneously; Supports up to 4 shield regions.
	Queue Management	Detects queuing-up people number, and waiting time of each person; Generates reports to compare the efficiency of different queuing-ups and display the changing status of one queue; Supports raw data export for further analysis.
	Perimeter Protection	Line crossing, intrusion, region entrance, region exiting; Support alarm triggering by specified target types (human and vehicle); Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.
	Metadata	Metadata of intrusion detection, line crossing detection, region entrance detection, region exiting detection, unattended baggage detection, object removal, face capture and queue management are supported.
General	Power	With extra load: 12 VDC $\pm$ 20%, 1.16 A, max. 13.9 W; PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.33 A to 0.25 A, class 4; Without extra load: 12 VDC $\pm$ 20%, max. 12.5 W; PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V, 0.3 A to 0.22 A, class 4; With -Y: three-core terminal block Without -Y: two-core terminal block "with extra load" means that an extra device is connected to and powered by the camera.
	Language	33 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), Ukrainian
	Heater	Yes
	General Function	Anti- flicker, 5 streams and up to 5 custom streams, EPTZ, heartbeat, mirror, privacy masks, flash log, password reset via e-mail, pixel counter
	Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
	Startup and Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
	Material	Aluminum alloy body
	Dimension	Ø162 × 141.8 mm (Ø6.4" × 5.6")

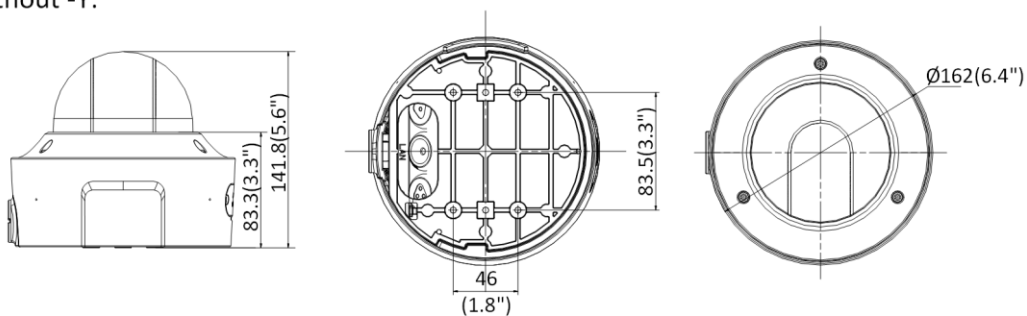
	Package Dimension	251 × 215 × 189 mm (9.9" × 8.5" × 7.4")
	Weight	Without -Y: 1480 g (3.3 lb.) With -Y: 1550 g (3.4 lb.)
	With Package Weight	Without -Y: 2407 g (5.3 lb.) With -Y: 2206 g (4.9 lb.)
Approval	EMC	FCC (47 CFR Part 15, Subpart B) CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN 61000-3-3: 2013, 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)
	Safety	UL (UL 60950-1) CB (IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013) CE-LVD (EN 60950-1: 2005 + Am 1: 2009 + Am 2: 2013) LOA (IEC/EN 60950-1) BIS (IS 13252(Part 1): 2010+A1: 2013+A2: 2015)
	Environment	CE-RoHS (2011/65/EU) WEEE (2012/19/EU) Reach (Regulation (EC) No 1907/2006)
	Protection	IP67 (IEC 60529-2013) IK10 (IEC 62262: 2002)
	Automotive and Railway	With -R: EN50121-4
	Anti-Corrosion Protection	With -Y: NEMA 4X (NEMA 250-2018)
	Other	With -Y: PVC FREE

▪ Available Model

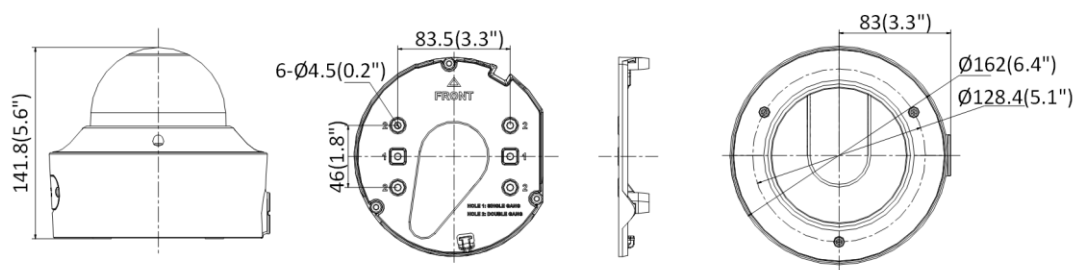
iDS-2CD75C5G0-IZHS(2.8-12mm)(HIK US),iDS-2CD75C5G0-IZHS8(8-32mm)(HIK US),iDS-2CD75C5G0-IZHSY(2.8-12mm)(US Branch),

▪ Dimension

Without -Y:



With -Y:



Unit: mm (inch)

▪ Accessory

▪ Optional

SRS	SRSL	WML	PC155	CM

CPM	PM
	
	

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