

DS-2CD3341G3-LIU(F)
4MP Fixed Turret Network Camera

- HikAI-ISP for well noise reduction, color correction and image quality improvement
- Motion Detection 3.0 detects persons and vehicles more accurately, reducing false alarms
- Smart Hybrid Light: integrates IR and white lights, 3 supplemental lighting modes
- Built-in microphone for real-time audio security
- -F: Support on-board storage up to 512 GB (memory card slot)
- Dust and water resistant (IP67)

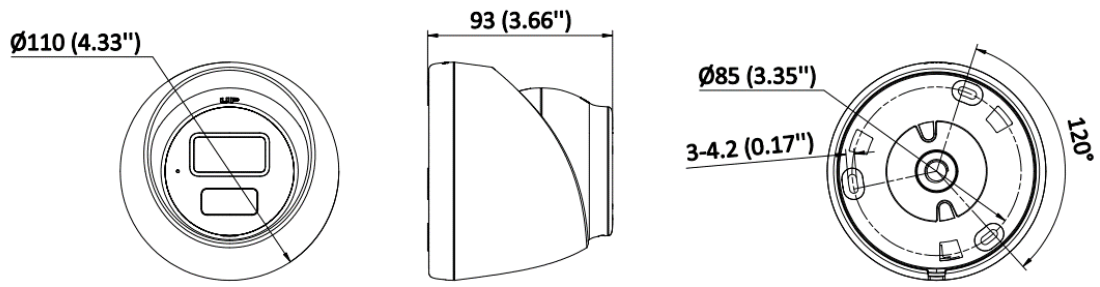
▪ Specification

Model		DS-2CD3341G3-LIU(F)
Camera	Image Sensor	1/3" Progressive Scan CMOS
	Max. Resolution	2688 × 1520
	Min. Illumination	Color: 0.003 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
	Shutter Time	1 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°
Lens	Lens Type	Fixed focal lens, 2.8 and 4 mm optional
	Focal Length & FOV	2.8 mm, horizontal FOV 98°, vertical FOV 54°, diagonal FOV 115° 4 mm, horizontal FOV 79°, vertical FOV 42°, diagonal FOV 93°
	Lens Mount	M12
	Iris Type	Fixed
	Focus	NA
	Aperture	F1.6
	Depth of Field	2.8 mm: 1.4 m to ∞ 4 mm: 1.5 m to ∞
DORI	DORI	2.8 mm, D: 63 m, O: 25 m, R: 12 m, I: 6 m 4 mm, D: 78 m, O: 31 m, R: 15 m, I: 7 m
Illuminator	Supplement Light Type	IR, White Light
	Supplement Light Range	Up to 30 m
	Smart Supplement Light	Yes
	IR Wavelength	850 nm
Video	Main Stream	50 Hz: 25 fps (2688 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60 Hz: 24 fps (2688 × 1520, 2560 × 1440, 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)
	Third Stream	50 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360) 60 Hz: 1 fps (1280 × 720, 640 × 480, 640 × 360)
	Video Compression	Main stream: H.264+/H.264/H.265/H.265+, Sub-stream: MJPEG/H.264/H.265, Third stream: H.264/H.265
	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	YES

	Coding (SVC)	
	Region of Interest (ROI)	1 fixed regions for each stream
	Target Cropping	NO
Audio	Audio Type	Mono sound
	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
	Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
	Audio Sampling Rate	8 kHz/16 kHz
	Environment Noise Filtering	Yes
Network	Protocols	DHCP,QoS,FTP,SSL/TLS,ICMP,RTSP,UDP,HTTPS,HTTP,DNS,IPv6,IPv4,IGMP,RTCP,RTP,DDNS,TCP/IP,UPnP,NTP,SMTP
	Simultaneous Live View	Up to 6 channels
	API	ONVIF (Profile S, Profile T),ISAPI,SDK,ISUP,EZVIZ
	User/Host	Up to 32 users 3 user levels: administrator, operator, and user
	Security	Password protection, complicated password, watermark, basic and digest authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)
	Network Storage	NO
	Client	iVMS-4200,Hik-Connect
	Web Browser	Plug-in required live view: Chrome 91+, Firefox 88+, Edge 91+
Image	Image Parameters Switch	Yes
	Image Settings	Rotate mode,saturation,brightness,contrast,sharpness,gain,white balance,AGC,adjustable by client software or web browser
	Day/Night Switch	Day,Night,Auto,Schedule
	Wide Dynamic Range (WDR)	120 dB
	SNR	≥ 52 dB
	Image Enhancement	BLC,HLC,3D DNR
	Privacy Mask	4 programmable polygon privacy masks
Interface	Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
	On-Board Storage	-F: Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB

	Built-in Microphone	Yes,1 built-in microphone
	Built-in Speaker	NA
	Audio	NA
	Alarm	NA
	Reset Key	-F: Yes
Event	Basic Event	Video tampering alarm, motion detection (support alarm triggering by specified target types (human, vehicle)), exception
	Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection (support alarm triggering by specified target types (human, vehicle and animal))
	Linkage	Upload to FTP/memory card, notify surveillance center, send email, trigger recording, trigger capture
Deep Learning Function	Perimeter Protection	NO
	Face Capture	NO
General	Power	12 VDC \pm 25%, 0.54 A, max. 6.5 W, \varnothing 5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 7.5 W
	Material	Cover: PLASTIC, main body: Metal
	Dimension	\varnothing 110 mm \times 93 mm (\varnothing 4.33" \times 3.66")
	Package Dimension	134 mm \times 134 mm \times 108 mm (5.28" \times 5.28" \times 4.25")
	Weight	Approx. 375 g (0.83 lb.)
	With Package Weight	Approx. 515 g (1.13 lb.)
	Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
	Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
	Language	English, Russian, Ukrainian, Arabic, Spanish, French, Portuguese, Turkish, Polish, German
	General Function	Heartbeat, mirror, password reset via email, password protection, anti-banding
	Flashing Light	NA
	Approval	EMC
Safety		CB: IEC 62368-1:2014+A11, CE-LVD: EN 62368-1:2014/A11: 2017
Environment		CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection		IP67: IEC 60529-2013

▪ Dimension






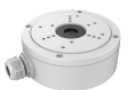


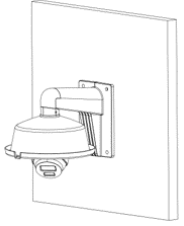


Unit:mm (inch)

▪ **Accessory**

▪ **Optional**

DS-1275ZJ-SUS Vertical pole mount	DS-1475ZJ-SUS Vertical pole mount	DS-1275ZJ-S-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1476ZJ-SUS Corner mount
DS-1281ZJ-S Inclined ceiling mount	DS-220AZJ-130-WA Wall mount	DS-1280ZJ-TR13 Junction box	DS-220AZJ-145-WA Wall mount	DS-1271ZJ-110-TRS DS-1271ZJ-110-TRS

				
DS-1280ZJ-S Junction box	DS-1272ZJ-110-TRS Wall mount			
				
				

See Far, Go Further



www.hikvision.com
support@hikvision.com

