DS-2CD23167G3P-LIS2UY/S(L)(RB)
16 MP Panoramic ColorVu Fixed Turret Network Camera

ColorVu 3.0

AcuSense 3.0

- 180° panoramic view
- UHD: Ultra High Definition delivers lifelike immersion
- 24/7 colorful imaging via ColorVu 3.0 technology
- HikAI-ISP for excellent noise reduction effect
- White light & IR light & Smart Hybrid Light modes
- Person and vehicle classification based on deep learning
- Active strobe light and audio alarm to warn trespassers off
- Crystal-clear audio with Arrayed Dual-Mic (-2U)
- Clear imaging against strong backlight due to 130 dB WDR technology
- Anti-corrosion design (NEMA 4X), more reliable
- Dust and water resistant (IP67)
- Audio and alarm interface available
- Eco-friendly and tamper-free packaging

▪ Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Max. Resolution	5968 × 2688
Min. Illumination	Color: 0.0008 Lux @ (F1.0, AGC ON),0 Lux with light
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 mm
Focal Length & FOV	2.8 mm, horizontal FOV 182.2°, vertical FOV 71.2°
Lens Mount	M12
Iris Type	Fixed
Aperture	F1.0
Depth of Field	2.8 mm: 2 m to ∞
DORI	
DORI	2.8 mm: D: 80 m, O: 32 m, R: 16 m, I: 8 m
Illuminator	
Supplement Light Type	White Light, IR
Supplement Light Range	Up to 30 m
Smart Supplement Light	Yes
IR Wavelength	850 nm
Video	
Main Stream	50Hz: 12.5 fps (5968 × 2688, 4096 × 1856) 60Hz: 15 fps (5968 × 2688, 4096 × 1856)
Sub-Stream	50Hz: 12.5 fps (1200 × 536, 960 × 432) 60Hz: 15 fps (1200 × 536, 960 × 432)
Video Compression	Main stream: H.265/H.264/H.264+/H.265+, Sub-stream: H.265/H.264/MJPEG
Video Bit Rate	32 Kbps to 40 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.264 and H.265 encoding
Region of Interest (ROI)	1 fixed regions for each stream
Audio	
Audio Type	-U: Mono sound
Audio Compression	-U:G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC
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)
Audio Sampling Rate	-U: 8 kHz/16 kHz/32 kHz/48 kHz
Environment Noise Filtering	-U: Yes
Network	
Protocols	SNMP,SSL/TLS,IPv6,IGMP,DNS,SFTP,WebSockets,QoS,DDNS,SMTP,PPPoE,DHCP,WebSocket,FTP,NTP,HTTP,RTSP,IPv4,HTTPS,UPnP,RTP,TCP/IP,ICMP,802.1X,RTCP,UDP
Simultaneous Live View	Up to 6 channels

API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP
User/Host	Up to 32 users 3 user levels: administrator, operator, and user
Security	IP address filter, basic and digest authentication for HTTP/HTTPS, TLS 1.3, host authentication (MAC address), watermark, RTP/RTSP over HTTPS, complicated password, AES128/256, Password protection, WSSE and digest authentication for Open Network Video Interface, TLS 1.2, 802.1X authentication(EAP-LEAP,EAP-TLS,EAP-MD5,EAP-PEAP), control timeout settings, HTTPS encryption, security audit log
Network Storage	NAS (NFS, SMB/CIFS)
Client	iVMS-4200,Hik-Connect,Hik-Central
Web Browser	Plug-in free live view: Chrome 91+, Firefox 88+, Edge 91+, Safari 13+ Local service: Chrome 91+, Firefox 88+, Edge 91+
Image	
Image Parameters Switch	Yes
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance, adjustable by client software or web browser
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC,HLC,3D DNR, Distortion Correction, Defog
SNR	≥ 52 dB
Wide Dynamic Range (WDR)	130 dB
Image Stabilization	No
Privacy Mask	4 programmable polygon privacy masks
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 512 GB
Built-in Speaker	Max. power consumption: 2 W, max. sound pressure level: 10 cm: 110 dB.
Audio	Built-in Microphone: -2U: Arrayed dual-microphone, 1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input impedance: 4.7 KΩ, interface type: non-equilibrium, 1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output impedance: 100 Ω, interface type: non-equilibrium
Alarm	1 input, 1 output (max. 24 VDC/24 VAC, 1 A)
Reset Key	Yes
Event	
Basic Event	Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception, alarm input and output
Smart Event	Scene change detection
Linkage	Notify surveillance center, trigger alarm output, trigger recording, trigger capture, audible warning, send email
Deep Learning Function	
Face Capture	No
Perimeter Protection	Line crossing, intrusion, region entrance, region exiting Support alarm triggering by specified target types (human and vehicle)

General	
Power	12 VDC ± 25%, 1.67 A, max. 20 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3at, Class 4, max. 24 W
Material	Cover: metal, main body: metal
Dimension	Ø138.6 mm × 125 mm (Ø5.46" × 4.92")
Package Dimension	170 mm × 170 mm × 160 mm (6.69" × 6.69" × 6.30")
Weight	Approx. 840 g (1.85 lb.)
With Package Weight	Approx. 1070 g (2.35 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)
General Function	Heartbeat, flash log, password reset via email, pixel counter, anti-banding
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
Flashing Light	/SRB model: Red and Blue Light /SL model: White Light
Approval	
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021
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
Anti-Corrosion Protection	NEMA 4X (NEMA 250-2018)

▪ 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 MODERATE 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

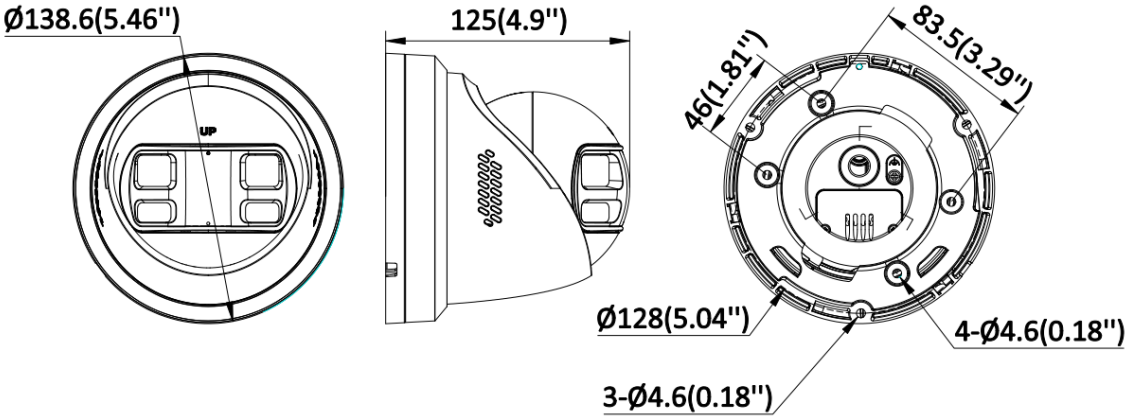
DS-2CD23167G3P-LIS2UY/SRB(180°)

DS-2CD23167G3P-LIS2UY/SRB(180°)BLACK

DS-2CD23167G3P-LIS2UY/SL(180°)

DS-2CD23167G3P-LIS2UY/SL(180°)BLACK

▪ Dimension



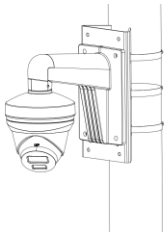
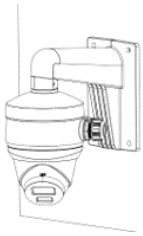
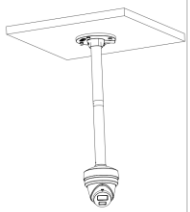
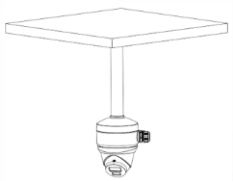
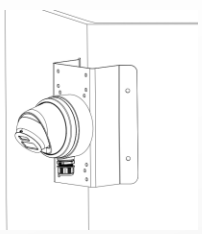
Unit: mm [inch]

▪ Accessory

▪ Optional

DS-1275ZJ-SUS	DS-1280ZJ-PT6	DS-2200ZJ-WA-140	DS-2200ZJ-WAJ-140	DS-1273ZJ-140B
DS-2210ZJ-WA-140	**DS-1276ZJ-SUS**	**DS-1273ZJ-140**	**DS-1271ZJ-140**	

▪ Installation Methods

Vertical Pole Mounting DS-1275ZJ-SUS+DS-2200ZJ-WA-140	Junction Box DS-1280ZJ-PT6	Wall Mounting DS-2200ZJ-WA-140+DS-1280ZJ-PT6	Wall Mounting DS-2200ZJ-WAJ-140+DS-1253ZJ-L	Wall Mounting DS-1273ZJ-140B
				
Wall Mounting DS-1273ZJ-140	**Pendant Mounting DS-2210ZJ-WA-140**	**Pendant Mounting DS-1271ZJ-140+DS-1280ZJ-PT6**	**Corner Mounting DS-1276ZJ-SUS+DS-2280ZJ-WA140**	
				

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