

DS-2CD1P27G2-L(UF) 2 MP Fixed Bullet PT Network Camera

















- High quality imaging with 2 MP resolution
- 24/7 colorful imaging
- Pan and tilt ability that enables the camera to capture larger and interested areas
- Water and dust resistant (IP66)
- Efficient H.265+ compression technology



Specification

Day & Night 24/7 color imaging Angle Adjustment Pan: -100" to 100", tilt: -20" to 45" Lens Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Ecns Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 4 mm, horizontal FOV 106", vertical FOV 57", diagonal FOV 126" Lens Mount M12 Liris Type Fixed Aperture Max. F1.0 DORI 2.8 mm: D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm: D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type White Light Supplement Light Range Up to 30 m Smart Supplement Light Wes Yes Video 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Video Compression Main stream: H, 265/H, 264/H, 1264 Video Edit Rate 32 Kbps to 8 Mbps H, 265 Type Main Profile Lited Feyer Baseline Profile/Main Profile/High Profile H, 265 Type Main Profile <	Camera	
Min. Illumination Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light Shutter Time 1/3 s to 1/100,000 s Boy & Night 24/7 color imaging Angle Adjustment Pan: -100" to 100", tilt: -20" to 45" Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 106", vertical FOV 57", diagonal FOV 126" 4 mm, horizontal FOV 83", vertical FOV 44", diagonal FOV 99" Lens Mount M12 Iris Type Max. F1.0 OORI 2.8 mm: D: 44 m, O: 17 m, R: 8 m, I: 4 m Aperture Max. F1.0 DORI 2.8 mm: D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Illuminator Supplement Light Type White Light Supplement Light Range Up to 30 m Sup-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720) Sub-Stream Main stream: H. 265+H. 264 MJPEG Video Ompression Main stream:	Image Sensor	1/2.8" Progressive Scan CMOS
Shutter Time 1/3 s to 1/100,000 s Day & Night 24/7 color imaging Angle Adjustment Pan: -100" to 100", tilt: -20" to 45" Lens Lens Type Fixed focal lens, 2.8 and 4 mm optional Focal Length & FOV 2.8 mm, horizontal FOV 83", vertical FOV 57", diagonal FOV 99" Lens Mount M12 Liris Type Fixed Aperture Max. F1.0 DORI 2.8 mm: D: 44 m, O: 17 m, R: 8 m, I: 4 m 4 mm: D: 56 m, O: 22 m, R: 11 m, I: 5 m Illuminator Supplement Light Type White Light Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Smart Supplement Light Range Up to 30 m Sub-Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Main Stream 50 Hz: 25 fps (1920 × 1080, 1280 × 720) Sub-Stream 50 Hz: 25 fps (640 × 480, 640 × 360) Video Compression Main stream: H.265/H.264/MIPEG Video Bit Rate 32 Kbps to 8 Mbps H.265 Type Main Profile Bit Rate Control CBR/VBR <td>Max. Resolution</td> <td>1920 × 1080</td>	Max. Resolution	1920 × 1080
Day & Night	Min. Illumination	Color: 0.001 Lux @ (F1.0, AGC ON), 0 Lux with light
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Region of Interest (ROI) Audio Audio Type -U: Mono sound Environment Noise Filtering -U: Yes Audio Sampling Rate -U: 8 kHz/16 kHz Audio Compression -U: G.711ulaw/G.711alaw/G.722.1/G.726/MP2L2/PCM/AAC-LC -U: 64 Kbps (G.711 ulaw)/64 Kbps (G.711 alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Network Password protection, complicated password, watermark, basic and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)		
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Audio Bit Rate to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC) Network 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)	Audio Compression	
Network 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)	Audio Bit Rate	
Password protection, complicated password, watermark, basic and digest Security authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)	7.00.0 2.0 1.00.0	to 160 Kbps (MP2L2)/16 to 64 Kbps (AAC-LC)
Security authentication for HTTP, WSSE and digest authentication for Open Network Video Interface, security audit log, host authentication (MAC address)	Network	
Interface, security audit log, host authentication (MAC address)	Security	
Simultaneous Live View Up to 6 channels		Interface, security audit log, host authentication (MAC address)
	Simultaneous Live View	Up to 6 channels



	On an Nativarily Video Interface (Puefile C. Puefile C. (enly F. model avaragets). Puefile T.
API	Open Network Video Interface (Profile S, Profile G (only -F model supports), Profile T), ISAPI, SDK
Protocols	TCP/IP, ICMP, DHCP, DNS, HTTP, RTP, RTSP, NTP, IGMP, IPv6, UDP, QoS, FTP, SMTP
User/Host	Up to 32 users
	3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE 10, IE 11
Web blowser	Local service: Chrome 57.0+, Firefox 52.0+
Image	
Wide Dynamic Range (WDR)	120 dB
SNR	≥ 52 dB
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance,
Image Settings	adjustable by client software or web browse
Privacy Mask	4 regions of privacy mask
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 256
	GB
Built-in Microphone	-U: Yes
Reset Key	-F: Yes
Event	
Basic Event	Motion detection, video tampering alarm, exception
Linkaga	Upload to FTP/memory card (-F), send email, notify surveillance center, trigger
Linkage	recording (-F), trigger capture
General	
	12 VDC ± 25%, 0.91 A, max. 11 W, Ø5.5 mm coaxial power plug, reverse polarity
Power	protection
	PoE: 802.3af, Class 3, 36 V to 57 V, 0.34 A to 0.21 A, max. 12.5 W
Material	Front cover: metal, body: plastic, bracket: plastic
Dimension	197.1 mm × 105 mm × 225.4 mm (7.8" × 4.1" × 8.9")
Package Dimension	300 mm × 266 mm × 172 mm (11.8" × 10.4" × 6.8")
Weight	Approx. 900 g (2.0 lb.)
With Package Weight	Approx. 1520 g (3.3 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 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)
Conditions	-30 C to 00 C (-22 1 to 140 F). Hullilaity 33% of less (Hoff-Condensing)
Language	English, Ukrainian
General Function	Anti-banding, heartbeat, password protection, password reset via email
Approval	
EMC	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
	KC: KN32: 2015, KN35: 2015, FCC: 47 CFR Part 15, Subpart B



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
Environment	CE-RoHS: 2011/65/EU
	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.

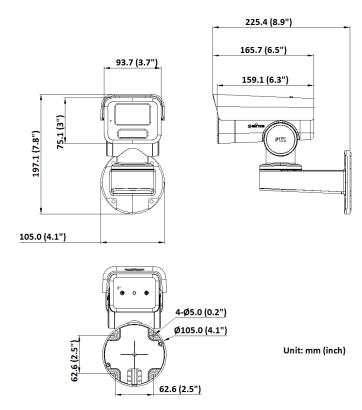
Level	Description
Top-level protection	Hikvision products at this level are equipped for use in areas where professional anti- corrosion protection is a must. Typical application scenarios include coastlines, docks, chemical plants, and more.
Moderate protection	Hikvision products at this level are equipped 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-2CD1P27G2-LUF (2.8/4 mm) DS-2CD1P27G2-L (2.8/4 mm)



Dimension



Accessory

Optional



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