

DS-2CD1P23G0-I

2 MP Built-in Mic Fixed Bullet PT Network Camera



It can be used in the area with low illumination or no light and that demands high definition live view image, such as streets, warehouse, underground parking area, bars, pipes and campus.

- High quality imaging with 2 MP(1920 × 1080 @25 fps) resolution
- BLC, HLC, 3D DNR, 120 dB WDR
- PT control, 0°~200° horizontal adjustment, -10°~55° vertical adjustment
- Hik-connect connection
- 1 built-in microphone, HD pickup
- Up to 40 m IR range
- Camera: Water and dust resistant (IP66)



▪ Specification

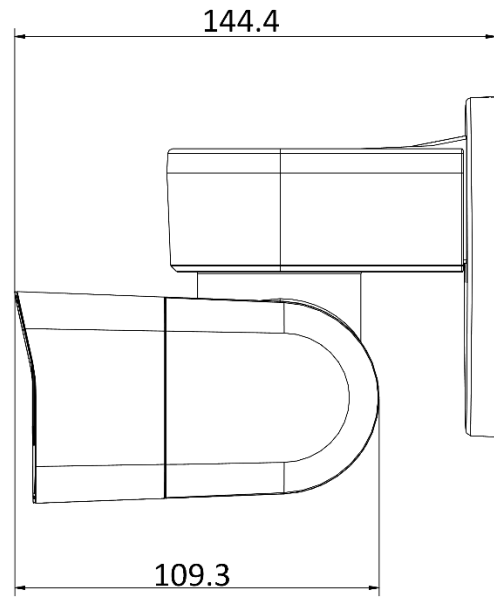
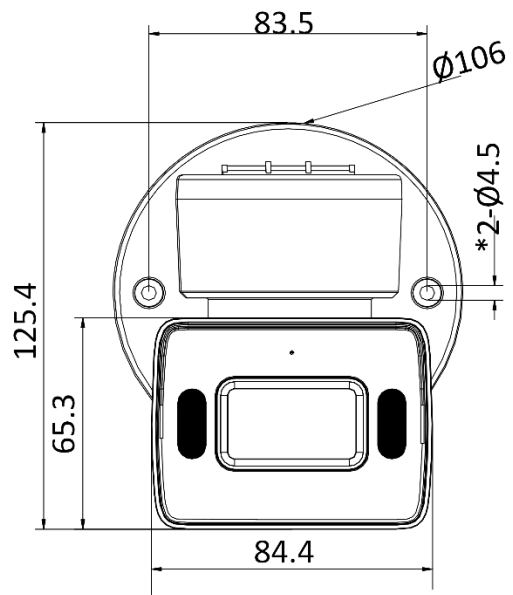
Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.002 Lux @ (F1.2, AGC ON), 0 Lux with IR on
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
P/N	P
Wide Dynamic Range	120 dB
Day & Night	IR cut filter
Angle Adjustment	Horizontal: 0°~200°, vertical: -10°~55°
Power-off Memory	Yes
Presets	Yes
Lens	
Lens Type & FOV	4 mm: Horizontal FOV: 87.3°, vertical FOV: 46.3°, diagonal FOV: 104.2° 6 mm: Horizontal FOV: 53.9°, vertical FOV: 28.8°, diagonal FOV: 62.8° 8 mm: Horizontal FOV: 40.9°, vertical FOV: 22.5°, diagonal FOV: 47.4° 12 mm: Horizontal FOV: 25.4°, vertical FOV: 14.4°, diagonal FOV: 29.1°
Aperture	F1.6
Lens Mount	M12
Illuminator	
IR Range	Up to 40 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	1920 × 1080
Main Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50 Hz: 1 fps (1280 × 720, 640 × 360)
Video Compression	Main stream: H.265/H.264 Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Yes
H.265+	Yes
Bit Rate Control	CBR/VBR
Scalable Video Coding (SVC)	Yes
Region of Interest (ROI)	1 fixed region for main stream
Audio	
Environment Noise Filtering	Yes
Sampling Rate	8kHz/16kHz/32kHz/44.1kHz/48kHz
Audio Compression	G.711a/G.711u/G.722.1/G.726/MP2L2/PCM/AAC

Audio Bit Rate	64 Kbps(G.711)/16 Kbps(G.722.1)/16 Kbps(G.726)/32~192 Kbps(MP2L2)/16~64Kbps(AAC)
Network	
Simultaneous Live View	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, SMTP, IGMP, QoS, UDP, Bonjour, SSL/TLS, 802.1x, UPnP
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE8, IE9, IE10, IE11 Local service: Chrome 57.0+ , Firefox 52.0+
Image	
Smart IR	Yes
Day/Night Switch	Day, Night, Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Settings	Saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
Interface	
Audio	1 built-in microphone
Hardware Reset	Yes
Communication Interface	1 10M/100M self-adaptive Ethernet port
Event	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
General	
Linkage Method	Upload to FTP, notify surveillance center, send email, trigger recording, trigger capture
General Function	Heartbeat, mirror, password protection, watermark, IP address filtering, flash log, pixel counter
Software Reset	Yes
Storage Conditions	-30 °C to 60 °C. Humidity 95% or less (non-condensing)
Startup and Operating Conditions	-30 °C to 60 °C. Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25% ; reverse polarity protection PoE: 802.3at, Class 4
Power Consumption and Current	12 VDC, 0.8 A, max. 9.6 W PoE: 802.3at, 42.5 V~57 V, 0.28 A~0.21 A, max. 12 W
Power Interface	Φ5.5 mm coaxial power plug
Camera Dimension	84.4 × 65.3 × 125.4 mm (3.32" × 2.57" × 4.94")
Camera Weight	Approx. 698 g (1.87 lb.)

▪ Available Model

DS-2CD1P23G0-I

▪ Dimension



Unit: mm

Distributed by

**HIKVISION®****Headquarters**

No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
overseasbusiness@hikvision.com

Hikvision USA
T +1-909-895-0400
sales.usa@hikvision.com

Hikvision Australia
T +61-2-8599-4233
salesau@hikvision.com

Hikvision India
T +91-22-28469900
sales@pramahikvision.com

Hikvision Canada
T +1-866-200-6690
sales.canada@hikvision.com

Hikvision Thailand
T +662-275-9949
sales.thailand@hikvision.com

Hikvision Europe
T +31-23-5542770
sales.eu@hikvision.com

Hikvision Italy
T +39-0438-6902
info.it@hikvision.com

Hikvision Brazil
T +55 11 3318-0050
Latam.support@hikvision.com

Hikvision Turkey
T +90 (216)521 7070- 7074
sales.tr@hikvision.com

Hikvision Malaysia
T +601-7652-2413
sales.my@hikvision.com

Hikvision UK & Ireland
T +01628-902140
sales.uk@hikvision.com

Hikvision South Africa
Tel: +27 (10) 0351172
sale.africa@hikvision.com

Hikvision France
T +33(0)1-85-330-450
info.fr@hikvision.com

Hikvision Kazakhstan
T +7-727-9730667
nikia.panfilov@hikvision.ru

Hikvision Vietnam
T +84-974270888
sales.vt@hikvision.com

Hikvision UAE
T +971-4-4432090
salesme@hikvision.com

Hikvision Singapore
T +65-6684-4718
sg@hikvision.com

Hikvision Spain
T +34-91-737-16-55
info.es@hikvision.com

Hikvision Tashkent
T +99-87-1238-9438
uzb@hikvision.ru

Hikvision Hong Kong
T +852-2151-1761
info.hk@hikvision.com

Hikvision Russia
T +7-495-669-67-99
saleru@hikvision.com

Hikvision Korea
T +82-(0)31-731-8817
sales.korea@hikvision.com

Hikvision Poland
T +48-22-460-01-50
info.pl@hikvision.com

Hikvision Indonesia
T +62-21-2933759
Sales.Indonesia@hikvision.com

Hikvision Colombia
sales.colombia@hikvision.com