

## DS-2CD2083G0-I

### 8 MP Outdoor IR Fixed Bullet Camera



The Hikvision DS-2CD2083G0-I Outdoor IR Fixed Bullet Camera provides high definition network output. It supports H.265+ video compression, which assures savings in bandwidth and storage.

The camera is equipped with a 2.8 mm and 4 mm lenses, and offers an EXIR 2.0 range of up to 100 ft (30 m).

Smart features, such as line crossing and intrusion detection are supported.

- 1/2.5" (8 MP) Progressive Scan CMOS
- 3840 x 2160 Resolution @ 15 fps
- EXIR 2.0 Up to 100 ft (30 m) IR Range
- 2.8 mm and 4 mm Fixed Lens Options
- H.265+, H.265, H.264+, H.264
- 120dB True WDR
- MicroSD Card Slot Supports 128 GB
- IP67 Protection
- Durable Metal Housing
- 12 VDC and PoE (802.3af)

#### Available models:

DS-2CD2083G0-I:  
2.8 mm and 4 mm lenses



# Specifications

<b>DS-2CD208360-I</b>	
<b>Camera</b>	
Image Sensor	1/2.5" Progressive Scan CMOS
Minimum Illumination	Color: 0.028 lux @ (f/2.0, AGC on), 0 Lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Auto-Iris	No
Day/Night	IR Cut Filter
Digital Noise Reduction	3D DNR
WDR	120dB
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 90°, rotate: 0° to 360°
<b>Lens</b>	
Focal Length	2.8 mm and 4 mm fixed lens options
Aperture	f/2.0
Focus	Manual
FOV	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124° 4 mm: horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95°
Lens Mount	M12
<b>IR</b>	
IR Range	Up to 100 ft (30 m)
Wavelength	850 nm
<b>Compression Standard</b>	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264, sub-stream: H.265+/H.265/H.264+/H.264/MJPEG, third stream: H.265+/H.265/H.264+/H.264
H.264 Type	Main profile/high profile
H.264+	Main stream support
H.265 Type	Main profile
H.265+	Main stream support
Video Bit Rate	32 Kbps to 16 Mbps
<b>Smart Features</b>	
Behavior Analysis	Line crossing detection, intrusion detection
Exception Detection	Yes
Region of Interest	One fixed region for main stream and sub-stream
<b>Image</b>	
Maximum Resolution	3840 x 2160
Main Stream	15 fps (3840 x 2160), 20fps (3072 x 1728), 30 fps (2560 x 1440, 1920 x 1080, 1280 x 720)
Sub Stream	30 fps (640 x 480, 640 x 360, 320 x 240)
Third Stream	30 fps (1280 x 720, 640 x 360, 352 x 240)
Image Enhancement	BLC/3D DNR/HLC
Image Setting	Saturation, brightness, contrast, sharpness and white balance adjustable by client software or web browser
Target Cropping	No
Day/Night Switching	Day/night/auto/schedule
<b>Network</b>	
Network Storage	MicroSD/SDHC/SDXC card (128 GB), local storage and NAS (NFS/SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering alarm, network disconnected, IP address conflict, illegal login, HDD full, HDD error
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour
General Function	One-key reset, anti-flicker, 5 streams and up to 5 custom streams, heartbeat, password protection, privacy mask, watermark, and IP address filtering
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
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: IE 8+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11 Plug-in free live view: Chrome 45.0+, Firefox 52.0+
<b>Interface</b>	
Communication Interface	1-port RJ45 10M/100M self-adaptive Ethernet port
On-Board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
SVC	H.264 and H.265 encoding
Reset Button	Yes
<b>General</b>	
Operating Conditions	-22° F to 140° F (-30° C to 60° C); humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Ø 5.5 mm coaxial power plug, PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, maximum 6 W; PoE (802.3af, 37 V to 57 V), 0.2 A to 0.1 A, maximum 7.5 W
Protection Level	IP67
Material	Metal
Dimensions	Ø 2.8" x 6.1" (Ø 70 mm x 155.03 mm)
Weight	0.90 lbs (0.42 kg)

# Accessories



# Dimensions

