

## DS-2CD2383G0-IB



- High quality imaging with 8 MP resolution
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Water and dust resistant (-I: IP67/-IU: IP66)
- Robust structure design with full metal materials



## ▪ Specification

Selection Parameter	
Min. Illumination	0.028 Lux
Local Storage	128 GB
Protection Level	IP67
Wi-Fi Support	No
Case Type	Turret
Resolution	8MP
Lens Type	Fixed Lens
Video Compression	H.265+,H.265,H.264+,H.264
Camera	
Image Sensor	1/2.5" Progressive Scan CMOS
Min. Illumination	Color: 0.01 lux @(F1.2, AGC ON), 0.028 lux @(F2.0, AGC ON), 0 lux with IR
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Wide Dynamic Range	120dB
Day & Night	IR Cut Filter
Angle Adjustment	Pan: 0° to 360°, tilt: 0° to 75°, rotate: 0° to 360°
Lens	
Focus	Fixed
Lens Type	2.8/4 mm
FOV	2.8 mm, horizontal FOV: 102°, vertical FOV: 53°, diagonal FOV: 124°, 4 mm, horizontal FOV: 79°, vertical FOV: 42°, diagonal FOV: 95°
Aperture	F2.0
Lens Mount	M12
Aperture Type	Fixed
Illuminator	
IR Range	Up to 30 m
Wavelength	850nm
Video	
Max. Resolution	3840 × 2160
Main Stream	50Hz: 12.5 fps (3840 × 2160), 20fps (3072 × 1728), 25 fps (2560 × 1440, 1920 × 1080, 1280 × 720),60Hz: 15 fps (3840 × 2160), 20fps (3072 × 1728), 30 fps (2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240),60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Third Stream	50Hz: 25fps (1280 × 720, 640 × 360, 352 × 288),60Hz: 30fps (1280 × 720, 640 × 360, 352 × 240)
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 16 Mbps
H.264 Type	Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports

H.265+	Main stream supports
Scalable Video Coding (SVC)	H.264 and H.265 encoding support
<b>Audio</b>	
Audio Compression	G722.1/G.711/G726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)
<b>Network</b>	
Simultaneous Live View	Up to 6 channels
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, Bonjour
User/Host	Up to 32 users,3 levels: Administrator, Operator and User
Network Storage	Support Micro SD/SDHC/SDXC card (128G), local storage and NAS (NFS,SMB/CIFS), ANR
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local Service: Chrome 41.0+, Firefox 30.0+
Alarm Trigger	Motion detection, video tampering, network disconnected, IP address conflict, illegal login, HDD full, HDD error
<b>Image</b>	
Day/Night Switch	Day/Night/Auto/Schedule
Target Cropping	No
DNR	3D DNR
Image Enhancement	BLC/3D DNR/HLC
Image Settings	Saturation, brightness, contrast, sharpness, AGC, and white balance are adjustable by client software or web browser
<b>Interface</b>	
Video Output	No
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB
Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
<b>Event</b>	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Smart Event	Line crossing detection, intrusion detection, face detection
Face Detection	Yes
<b>General</b>	
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record Trigger captured pictures uploading: FTP, HTTP, NAS, Email Trigger notification: HTTP, ISAPI, Email
Firmware Version	5.6.3
Web Client Language	32 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)

General Function	Anti-flicker, three streams, heartbeat, mirror, privacy masks, password reset via e-mail, pixel counter, HTTP listening
Startup and Operating Conditions	-30 °C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	12 VDC ± 25%, Φ 5.5mm ,PoE(802.3af, class 3)
Power Consumption and Current	12 VDC, 0.5 A, max. 6.0 W,PoE: (802.3af, 36 V to 57 V), 0.3 A to 0.2 A, max. 7.5 W
Camera Material	Metal
Camera Dimension	Camera: Φ 127.3 × 95.9 mm (5" × 3.8"),Package: 150 × 150 × 141 mm (5.9" × 5.9" × 5.6")
Camera Weight	Camera: 620 g (1.4 lb.)
<b>Approval</b>	
Protection	Without -U: Ingress protection: IP67 (IEC 60529-2013) With -U: Ingress protection: IP66 (IEC 60529-2013)

### ▪ Available Model

DS-2CD2383G0-IB(2.8mm)(US Branch),DS-2CD2383G0-IB(4mm)(US Branch),

### ▪ Accessory

#### ▪ Optional

WMLB	CB130TB	PC130TB	CBMB	ABMB
				

Distributed by

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