

DS-2CD2821G0 2 MP Box Network Camera



(Lens is not included)



Key Features

- Max. 1920 × 1080 @30fps
- H.265+, H.264+
- 120dB WDR
- Built-in mic (optional)
- AC24V (optional)
- Audio/Alarm
- Support on-board storage, up to 128 GB
- BLC/3D DNR/ROI
- Color: 0.005 Lux @ (F1.2, AGC ON)



Specification

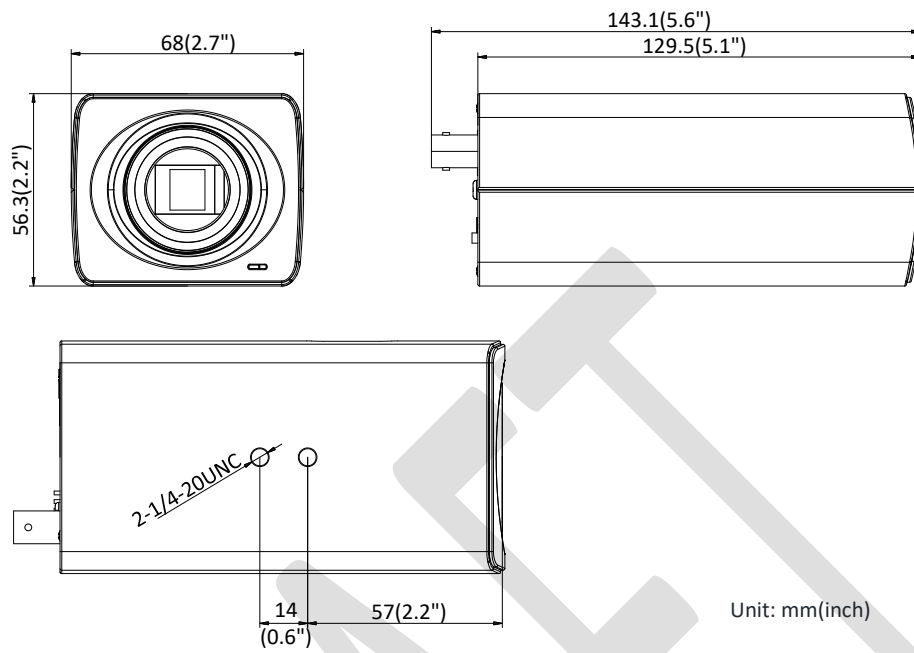
Camera	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.005 Lux @ (F1.2, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Lens Mount	CS mount
Auto-Iris	DC drive
Day & Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
Compression Standard	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG
H.264 Type	Baseline Profile/Main Profile/High Profile
H.264+	Main stream supports
H.265 Type	Main Profile
H.265+	Main stream supports
Video Bit Rate	32 Kbps to 8 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64 Kbps (G.711)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)
Image	
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream	50Hz: 25fps (640 × 480, 640 × 360, 320 × 240) 60Hz: 30fps (640 × 480, 640 × 360, 320 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, AGC, white balance adjustable by client software or web browser
ROI (Region of Interest)	Support 1 fixed region for main stream
Day/Night Switch	Day/Night/Auto/Schedule/Triggered by Alarm In
Network	
Network Storage	Support micro SD/SDHC/SDXC card (128G) local storage, NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, video tampering, 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, heartbeat, mirror, password protection, privacy mask, watermark, IP address filter
Firmware Version	V5.5.53
API	ONVIF (PROFILE S, PROFILE G), ISAPI
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users 3 levels: Administrator, Operator and User

Client	iVMS-4200, Hik-Connect, iVMS-5200, iVMS-4500
Web Browser	IE8+, Chrome 31.0-44, Firefox 30.0-51, Safari 8.0+
Interface	
Audio	1 input (line in/mic in, 3.5 mm), 1 output(3.5 mm) (only –AC model supports mic in)
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port, 1 RS232, 1RS485
Video Output	1Vp-p composite output (75 Ω/BNC)
Alarm	DS-2CD2821G0: 1 input, 1 output (max. DC 12 V, 30 mA) DS-2CD2821G0 (AC24V/DC12V): 1 input, 1 output (max. DC 24 V, 1 A or max. AC 110 V, 500 mA)
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
Reset Button	Yes
SVC	H.265 encoding and H.264 encoding support
Audio	
Environment Noise Filtering	Yes
Audio I/O	Yes (mono sound)
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Smart Feature-set	
Behavior Analysis	Line crossing detection, intrusion detection
General	
Operating Conditions	-10 °C to +50 °C (14 °F to +122 °F), humidity 95% or less (non-condensing)
Power Supply	DC: 12 V ± 20% AC: 24 V ± 20% (AC24V models support) PoE: 802.3af, class 3 Terminal block
Power Consumption	DC: 12 V, 0.4 A, max: 4.8 W AC: 24 V, 0.2 A, max: 4.8 W (AC24V model supports) PoE: (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max: 6 W
Material	Shell: plastic, camera body: metal
Dimensions	Camera: 68 × 56 × 143 mm (2.7" × 2.2"× 5.6") With package: 172 × 110 × 99 mm (6.8" × 4.3"× 3.9")
Weight	Camera: 440 g (1 lb.) With package: 600 g (1.3 lb.)

Available Model

DS-2CD2821G0, DS-2CD2821G0 (AC24V/DC12V)

Dimensions



Accessory



TV0550D-4MPIR

Auto-Iris

4MP IR Manual Varifocal Lens



TV2710D-MPIR

Auto-Iris

3MP HD Manual Varifocal Lens



TV2713D-4MPIR

Auto-Iris

4MP HD Manual Varifocal Lens



DS-1299ZJ

Pendant Mount



DS-1292ZJ

Wall Mount



DS-1332

Indoor Housing



DS-1330

Indoor Housing



DS-1331

Outdoor Housing



DS-1340

Outdoor Housing

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