

DS-2CD3121G0-IUHK 2 MP IR Fixed Dome Network Camera



- 1/2.8" Progressive ScanCMOS
- 1920 × 1080@30fps
- 2.8/4/6 mm fixed lens
- Color: 0.028 Lux @ (F2.0, AGC ON)
- H.265, H.265+, H.264, H.264+
- Three streams
- BLC/3D DNR/ROI/HLC
- IR range: Up to 30m
- IP67, IK10
- 10 Privacy Mask
- Built-in micro SD/SDHC/SDXC card slot up to 128GB



Specifications

Camera	
Image Sensor	1/2.8" Progressive ScanCMOS
Min. Illumination	Color: 0.028 Lux @ (F2.0, AGC ON)
Shutter Speed	1/3 s to 1/100,000 s
Slow Shutter	Yes
Day & Night	IR Cut Filter
WDR	Digital WDR
Angle Adjustment	Pan: 0° to 355°, tilt: 0° to 70°
Lens	
Lens Type	Fixed lens, 2.8/4/6mm
Aperture	F2.0
FOV	2.8mm: Horizontal FOV: 112°, vertical FOV: 60°, diagonal FOV: 132° 4 mm: Horizontal FOV: 89°, vertical FOV: 47°, diagonal FOV: 107° 6 mm: Horizontal FOV: 54°, vertical FOV: 31°, diagonal FOV: 62°
Lens Mount	M12
Illuminator	
IR Range	Up to 30 m
Wavelength	850 nm
Video	
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)
Third Stream	50Hz: 1fps (1280 × 720, 640 × 360) 60Hz: 1fps (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
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
Smart Feature-Set	
Smart Event	Line crossing detection, 1 line configurable Intrusion detection, 1 region configurable
Basic Event	Motion detection, video tampering alarm, exception (IP address conflict, illegal login)
Linkage Method	Upload to FTP, notify surveillance center, send email, trigger capture

Region of Interest	1 fixed region for main stream
Image	
Image Enhancement	BLC, HLC, 3D DNR
Image Setting	Saturation, brightness, contrast, sharpness, AGC and white balance adjustable by client software or web browser
Day/Night Switch	Day/Night/Auto/Schedule
SNR	> 50dB
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
API	ONVIF (PROFILE S), ISAPI, SDK
Security	Password protection, complicated password, HTTPS encryption, watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP over HTTPS, control timeout settings, security audit log, TLS 1.2
Simultaneous Live View	Up to 6 channels
User/Host	Up to 32 users, 3 levels: administrator, operator and user
Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	IE8+, Chrome 41.0-44, Firefox30.0-51, Safari8.0-11
Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
On-board storage	Built-in micro SD/SDHC/SDXC slot, up to 128 GB
General	
General Function	Anti-flicker, heartbeat, mirror, password protection, 10 privacy mask, watermark, IP address filter, flash log
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F), humidity 95% or less (non-condensing)
Power Supply	12 VDC $\pm$ 25%, Φ 5.5 mm coaxial power plug; PoE (802.3af, class 3)
Power Consumption and Current	12 VDC, 0.4 A, max. 5 W; PoE (802.3af, 36 V to 57 V), 0.2 A to 0.1 A, max. 6.5 W
Material	Bubble: plastic, bottom base: metal
Dimensions	Camera: Φ 111 mm $\times$ 82.4 mm (Φ 4.4" $\times$ 3.2") With package: 134 mm $\times$ 134 mm $\times$ 108 mm (5.3" $\times$ 5.3" $\times$ 4.3")
Weight	Camera: approx. 390 g (0.9 lb.) With package: approx. 580 g (1.3 lb.)
Approval	
Protection	Ingress protection: IP67 (IEC 60529-2013), IK10 (IEC 62262:2002)

* Listed resolutions are only selectable options. It does not mean that all streams can work at their maximum resolution at the same time.

Available Model

DS-2CD3121G0-IUHK (2.8/4/6mm)