

DS-2CD3066G2-IS 6 MP AcuSense IR Fixed Bullet Network Camera













Empowered by deep learning algorithms, Hikvision AcuSense technology brings human and vehicle targets classification alarms to front- and back-end devices. The system focuses on human and vehicle targets, vastly improving alarm efficiency and effectiveness.

Hikvision has been dedicated to develop products with security since established. Hikvision always follows security by design principle and has adopted many methods of security technologies into our product development lifecycle, including terminal security, data security, application security, network security, and privacy protection. In the meantime, the security technologies used by Hikvision are all in compliance with local applicable laws and safety regulations. These security measures could enhance product's cyber security protection capability and protect your devices as well as your data from malicious cyber attacks.

- Supports Hikvision Embedded Open Platform (HEOP) and importing third party applications
- Supports 1.5 Tops computing power, 60 MB system memory, 400 MB smart RAM, and 2 GB eMMC storage for sharing resources
- High quality imaging with 6 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Efficient H.265+ compression technology
- Clear imaging against strong back light due to 120 dB true WDR technology
- Focus on human and vehicle targets classification based on deep learning
- Water and dust resistant (IP67)



Specification

Image Sensor 1/2.4" Progressive Scan CMOS Max. Resolution 3200 × 1800 Min. Illumination Color: 0.003 Lux @ (F1.6, AGC ON),B/W: 0 Lux with IR Angle Adjustment Pan: 0" to 360";tilt: 0" to 90";rotate: 0" to 360" Shutter Time 1/3 s to 1/100,000 s Day & Night Ruc filter Lens Lens Lens Type Fixed focal lens, 2.8, 4, and 6 mm optional 2.8 mm, horizontal FOV 105", vertical FOV 55", diagonal FOV 127" Focal Length & FOV 4 mm, horizontal FOV 51", vertical FOV 38", diagonal FOV 96" 6 mm, horizontal FOV 51", vertical FOV 26", diagonal FOV 59" Lens Mount M12 Iris Type Fixed Aperture F1.6 DORI 2.8 mm, D: 76 m, O: 30 m, R: 15 m, 1: 7 m DORI 4 mm, D: 115 m, O: 45 m, R: 23 m, I: 11 m 6 mm, D: 164 m, O: 65 m, R: 32 m, I: 16 m Illuminator Supplement Light Type IR Supplement Light Range Up to 40 m Smart Supplement Light Yes IR Wavelength Yes Memory: 40 MB, Memory: 40 MB, Open Reso	Camera			
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DORI	Iris Type	Fixed		
DORI	Aperture	F1.6		
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22 1.2. 23 195 (2223 2335, 2235 7.25, 275 7.15, 375 7.35)	Tima Sucam	60 Hz: 10 fps (1920 × 1080, 1280 × 720, 640 × 480, 640 × 360)		



Fourth Stream	50 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)		
	60 Hz: 10 fps (1280 × 720, 640 × 480, 640 × 360)		
Video Compression	Main stream: H.265/H.264/H.264+/H.265+,		
	Sub-stream: H.265/H.264/MJPEG,		
	Third stream: H.265/H.264,		
	Fourth stream: H.265/H.264/MJPEG		
Video Bit Rate	32 Kbps to 16 Mbps		
H.264 Type	Baseline Profile, Main Profile, High Profile		
H.265 Type	Main Profile		
Bit Rate Control	CBR,VBR		
Scalable Video Coding (SVC)	H.264 and H.265 encoding		
Region of Interest (ROI)	5 fixed regions for main stream and sub-stream		
Target Cropping	Yes		
Audio			
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3/AAC-LC		
Audia Dit Data	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps		
Audio Bit Rate	(MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)		
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz		
Environment Noise Filtering	Yes		
Network			
	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP,		
Protocols	IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SFTP, ARP, SNMP,		
110100013	WebSocket, WebSockets, SRTP		
Simultaneous Live View	Up to 6 channels		
API	ONVIF (Profile S, Profile G, Profile T),ISAPI,SDK,ISUP		
	Up to 32 users		
User/Host	3 user levels: administrator, operator, and user		
	Password protection, complicated password, HTTPS encryption, 802.1X authentication		
	(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest		
Security	authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network		
Security	Video Interface, RTP/RTSP over HTTPS, control timeout settings, security audit log, TL		
	1.1/1.2/1.3, host authentication (MAC address)		
	NAS (NFS, SMB/CIFS), Auto Network Replenishment (ANR),		
Notwork Storago	Together with high-end Hikvision memory card, memory card encryption and health		
Network Storage	detection are supported.		
Client	·		
Client	iVMS-4200,Hik-Connect,Hik-Central		
14/-l- D	Plug-in required live view: IE 10, IE 11,		
Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,		
	Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+		
Image			
Image Parameters Switch	Yes		
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance, adjustable		
Doy/Night Coultab	by client software or web browser		
Day/Night Switch	Day,Night,Auto,Schedule		
Wide Dynamic Range (WDR)	120 dB		
Image Enhancement	BLC,HLC,3D DNR,Defog		



SNR	≥ 52 dB		
Privacy Mask	4 programmable polygon privacy masks		
Interface			
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port		
On-Board Storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB		
	1 input (line in), two-core terminal block, max. input amplitude: 3.3 Vpp, input		
Ad:_	impedance: 4.7 KΩ, interface type: non-equilibrium,		
Audio	1 output (line out), two-core terminal block, max. output amplitude: 3.3 Vpp, output		
	impedance: 100 Ω , interface type: non-equilibrium		
Alarm	1 input, 1 output (max. 12 VDC, 30 mA)		
Reset Key	Yes		
Power Output	12 VDC, max. 100 mA		
Event			
Dania Frank	Motion detection (support alarm triggering by specified target types (human and		
Basic Event	vehicle)),video tampering alarm,exception		
Smart Event	scene change detection, audio exception detection, defocus detection, unattended		
	baggage detection,object removal detection		
Univers	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm		
Linkage	output,trigger recording,trigger capture,audible warning		
Deep Learning Function			
Danimatan Buatantian	Line crossing, intrusion, region entrance, region exiting		
Perimeter Protection	Support alarm triggering by specified target types (human and vehicle)		
Face Capture	Yes		
People Counting	Yes		
General			
	12 VDC ± 25%, 0.58 A, max. 7.0 W,Ø5.5 mm coaxial power plug,reverse polarity		
Power	protection,		
	PoE: IEEE 802.3af, Class 3, max. 8.5 W		
Material	Aluminum alloy body		
Dimension	78.8 mm × 78.6 mm × 215.2 mm (3.1" × 3.1" × 8.5")		
Package Dimension	315 mm × 137 mm × 141 mm (12.4" × 5.4" × 5.6")		
Weight	Approx. 830 g (1.8 lb.)		
With Package Weight	Approx. 1215 g (2.7 lb.)		
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
Startup and Operating	20.95 + 50.95 / 22.95 + 440.95) + 1111 255 / 1 1 / 1 1 1		
Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)		
General Function	Heartbeat,anti-banding,mirror,flash log,password reset via email,pixel counter		
Language	33 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), Ukrainian		



Approval	
EMC	FCC: 47 CFR Part 15, Subpart B,
	CE-EMC: EN 55032: 2015, EN 61000-3-2:2019, EN 61000-3-3: 2013+A1:2019, EN
	50130-4: 2011 +A1: 2014,
	IC: ICES-003: Issue 7,
	KC: KN32: 2015, KN35: 2015
Safety	UL: UL 62368-1,
	CB: IEC 62368-1: 2014+A11,
	CE-LVD: EN 62368-1: 2014/A11: 2017,
	BIS: IS 13252 (Part 1): 2010/IEC 60950-1: 2005
Environment	CE-RoHS: 2011/65/EU,
	WEEE: 2012/19/EU,
	Reach: Regulation (EC) No 1907/2006
Protection	IP67: IEC 60529-2013

Typical Application

Hikvision products are classified into three levels according to their anti-corrosion performance. Refer to the following description to choose for your using environment.

This model has NO SPECIFIC PROTECTION.

Level	Description	
	Hikvision products at this level are equipped for use in areas	
Top-level protection	where professional anti-corrosion protection is a must.	
Top-level protection	Typical application scenarios include coastlines, docks,	
	chemical plants, and more.	
	Hikvision products at this level are equipped for use in areas	
	with moderate anti-corrosion demands. Typical application	
Moderate protection	scenarios include coastal areas about 2 kilometers (1.24	
	miles) away from coastlines, as well as areas affected by acid	
	rain.	
No specific protection	Hikvision products at this level are equipped for use in areas	
No specific protection	where no specific anti-corrosion protection is needed.	

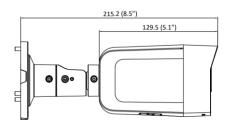
Available Model

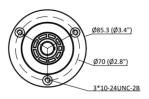
DS-2CD3066G2-IS(2.8mm)(H)



Dimension







Unit:mm (inch)

Accessory

Optional

PM	CM	CBS
Vertical Pole Mount	Corner Mount	Junction Box
# 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		

Headquarters

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

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