

DS-2CD2T46G2H-2I/4I

4 MP AcuSense Powered-by-DarkFighter 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.

- High quality imaging with 4 MP resolution
- Excellent low-light performance with powered-by-DarkFighter technology
- Clear imaging against strong backlight due to 120 dB true WDR technology
- Efficient H.265+ compression technology
- Focus on human and vehicle targets classification based on deep learning
- Water and dust resistant (IP67)



Specification

Image Sensor 1/3" Progressive Scan CMOS Max. Resolution 2688 x 1520 Min. Illumination Color: 0.001 Lux @ (F1.0, AGC ON), B/W: 0 Lux with IR Shutter Time 1/3 s to 1/100,000 s Day & Night IR cut filter Angle Adjustment Pan: 0" to 360", tilt: 0" to 90", rotate: 0" to 360" Lens Lens Type Eens Type Fixed focal lens, 2.8 and 4 mm optional Lens Type Fixed focal lens, 2.8 and 4 mm optional Lens Mount M12 Lens Mount M12 Iris Type Fixed Aperture F1.0 Depth of Field 2.8 mm: 1.9 m to ∞ 4 mm: 2.5 m to ∞ 4 mm: 2.5 m to ∞ DORI Supplement Light Type IR 4 mm: D: 78 m, O: 31 m, R: 15 m, I: 7 m Illuminator Supplement Light Type IR Wavelength Yes 18 Supplement Light Range 21: up to 60 m; 41: up to 80 m Smart Supplement Light Yes IR Wavelength 850	Camera				
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Scalable Video Coding (SVC) H.264 and H.265 encoding	H.265 Type	Main Profile			
	Bit Rate Control	CBR/VBR			
Region of Interest (ROI) 1 fixed region for main stream and sub-stream	Scalable Video Coding (SVC)	H.264 and H.265 encoding			
-0	Region of Interest (ROI)	1 fixed region for main stream and sub-stream			



TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, NTP, UPnP, SMTP,				
IGMP, 802.1X, QoS, IPv4, IPv6, UDP, Bonjour, SSL/TLS, PPPoE, SNMP, ARP, WebSocket,				
WebSockets				
Up to 6 channels				
Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK				
Up to 32 users. 3 user levels: administrator, operator and user				
Password protection, complicated password, HTTPS encryption, IP address filter,				
Security Audit Log, basic and digest authentication for HTTP/HTTPS, TLS 1.1/1.2, WSSE				
and digest authentication for Open Network Video Interface				
NAS (NFS, SMB/CIFS),Auto Network Replenishment (ANR),				
Together with high-end Hikvision memory card, memory card encryption and health				
detection are supported.				
iVMS-4200, Hik-Connect, Hik-Central				
Plug-in required live view: IE 10, IE 11,				
Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Edge 89+,				
Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+				
Yes				
Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance				
adjustable by client software or web browser				
Day, Night, Auto, Schedule				
120 dB				
≥ 52 dB				
BLC, HLC, 3D DNR				
4 programmable polygon privacy masks				
1 RJ45 10 M/100 M self-adaptive Ethernet port				
1 RJ45 10 M/100 M self-adaptive Ethernet port				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA				
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Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA NA NA Yes				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA NA NA Yes				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA NA Yes NA				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA NA Yes NA Motion detection (support alarm triggering by specified target types (human and				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA Yes NA Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA NA Yes NA Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception Scene change detection				
Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 512 GB NA NA NA Yes NA Motion detection (support alarm triggering by specified target types (human and vehicle)), video tampering alarm, exception Scene change detection Upload to NAS/memory card/FTP, notify surveillance center, trigger recording, trigger				



Perimeter Protection	Line crossing, intrusion, region entrance, region exiting				
	Support alarm triggering by specified target types (human and vehicle)				
General					
Power	-2I: 12 VDC ± 25%, 0.6 A, max. 7.2 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 9 W; -4I: 12 VDC ± 25%, 0.83 A, max. 10 W, Ø5.5 mm coaxial power plug, reverse polarity protection, PoE: IEEE 802.3af, Class 3, max. 12 W				
Material	Front cover: Metal, body: Metal, bracket: Metal				
Dimension	286.7 mm × 93.1 mm × 91.2 mm (11.3" × 3.7" × 3.6")				
Package Dimension	386 mm × 156 mm × 155 mm (15.2" × 6.1" × 6.1")				
Weight	Approx. 1085 g (2.4 lb.)				
With Package Weight	Approx. 1639 g (3.6 lb.)				
Storage Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Startup and Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F). Humidity 95% or less (non-condensing)				
Language	33 languages English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slova 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				
General Function	Heartbeat,mirror,flash log,password reset via email,pixel counter,anti-banding				
Approval					
EMC	CE-EMC: EN 55032:2015+A1:2020, EN 50130-4:2011+A1:2014, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021				
Safety	UL: UL 62368-1, CB: IEC 62368-1: 2014+A11, CE-LVD: EN 62368-1: 2014/A11: 2017				
Environment	CE-RoHS: 2011/65/EU				
Protection	IP67: IEC 60529-2013				
AE专用					
红外灯数量	-21: 2颗红外灯 -41: 4颗红外灯				
恒定光圈	支持, F1.0				
聚焦方式(focus control modes)	auto				
ABF	不支持				
ICR蓝玻璃 (blue glass module)	不支持				
内插(Connector panel)	不支持				

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-2CD2T46G2H-4I(2.8mm)

DS-2CD2T46G2H-4I(4mm)

DS-2CD2T46G2H-2I(2.8mm)

DS-2CD2T46G2H-2I(4mm)

DS-2CD测试

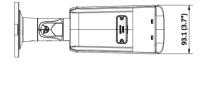
DS-2DE7/测试代码不能生产

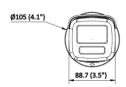
DS-2CD2T46G2H-2I(2.8mm)/海康黑

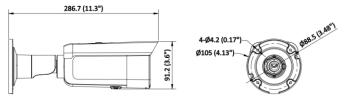
DS-2CD2T46G2H-4I(4mm)(海康黑)

DS-2CD2T46G2H-4I(2.8mm)/海康黑

Dimension







Unit:mm (inch)



Accessory

Optional

DS-1275ZJ-SUS Vertical pole mount	DS-1276ZJ-SUS Corner mount	DS-1260ZJ Junction box	DS-1280ZJ-S Junction box	DS-1275ZJ-S-SUS Vertical pole mount
• P P P P P P P P P				IB.
		B		



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

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