

## DS-2CD2T46G2-4I

DS-2CD2T46G2-4I 4mm 4mp IR 80m AcuSense IP Bullet CAMERA HIKVISION

- 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)

Type	IP
Megapixel	4 MP
Objective	Motionless
Focus	4 mm
Lighting	IR
Lighting distance	80 m
Protection	IP67
Material	Metal



### Detailed

Camera	
Image Sensor	1/3" Progressive Scan CMOS
Min. Illumination	Color: 0.003 Lux @ (F1.4,AGC ON), B/W: 0 Luxwith IR
Shutter Speed	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°
Slow Shutter	Yes
P/N	P/N
Wide DynamicRange	120 dB

<b>Lens</b>	
Lens Type	Fixed focallens, 2.8, 4, and 6 mm optional
Focal Length& FOV	4 mm, horizontal FOV 83°, vertical FOV 45°, diagonal FOV 98°
Aperture	F1.4
Lens Mount	M12
Iris Type	Fixed
<b>DORI</b>	
DORI	4 mm: D: 80.0m, O: 31.7 m, R: 16.0 m, l: 8.0m
<b>Illuminator</b>	
IR Range	2l: Up to 60 m 4l: Up to 80 m
IR IR Wavelength	850 nm
Smart Supplement Light	Yes
Supplement Light Type	IR
<b>Video</b>	
Max. Resolution	2688 × 1520
Main Stream	50 Hz: 25 fps (2688× 1520, 1920 × 1080,1280 × 720) 60 Hz: 30 fps(2688 × 1520,1920 × 1080,1280 × 720)
Sub-Stream	50 Hz: 25 fps (1280× 720, 640× 480, 640 ×360) 60 Hz: 30 fps (1280 × 720, 640× 480, 640 ×360)
Third Stream	50 Hz: 10 fps (1920× 1080, 1280× 720, 640 × 480,640 × 360) 60 Hz: 10 fps (1920 × 1080, 1280× 720, 640 × 480,640 × 360) *Third streamis supported undercertain settings.
	Main stream: H.265/H.264/H.265+/H.264+ Sub-stream: H.265/H.264/MJPEG

Video Compression	Third stream:H.265/H.264 *Third stream is supported under certain settings.
Video Bit Rate	32 Kbps to 8 Mbps
H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type	Main Profile
H.264+	Main stream supports
H.265+	Main stream supports
Bit Rate Control	CBR/VBR
Scalable Video Coding(SVC)	H.264 and H.265 encoding
Region of Interest (ROI)	1 fixed region for main stream and sub-stream
<b>Network</b>	
Simultaneous LiveView	Up to 6 channels
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK
Protocols	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
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Security	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 OpenNetwork Video Interface
Network Storage	NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health detection are supported

Client	iVMS-4200, Hik-Connect, Hik-Central
Web Browser	Plug-in required liveview: IE 10,IE 11 Plug-in free live view: Chrome57.0+, Firefox 52.0+,Edge 89+ Local service: Chrome 57.0+, Firefox 52.0+, Edge 89+
<b>Image</b>	
SNR	≥ 52 dB
Day/Night Switch	Day, Night,Auto, Schedule
Image Enhancement	BLC, HLC, 3D DNR
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
<b>Interface</b>	
On-Board Storage	Built- in memorycard slot, support microSD card, up to 512 GB
Reset Key	Yes
Ethernet Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port
<b>Event</b>	
Basic Event	Motion detection (human and vehicle targets classification), videotampering alarm, exception
Smart Event	Scene change detection
<b>Deep Learning Function</b>	
Face Capture	Yes
Perimeter Protection	Line crossing detection, intrusion detection, regionentrance detection, regionexiting detection
<b>General</b>	

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)

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