zenitel

DATASHEET

2310111186

iDS-2CD7A26G0-IZHSY WDR IR Varifocal Bullet Network Camera

Bullet Network Camera



- High quality imaging with 2 MP resolution
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 140 dB WDR technology
- Efficient H.265+ compression technology to save bandwidth and storage
- 5 streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)
- IP66 back box included

ONVIF Conformant | IP67 | IK10 | H.264

Description

Monitor your vessel with the iDS-2CD7A26GO-IZHSY WDR IR Varifocal Bullet Network Camera with excellent low-light performance via DarkFighter technology. Equipped with a 2MP CMOS sensor and a 2.8 to 12 mm varifocal lens, the camera captures video at resolutions up to 1920 x 1080 at 50 fps in a 141.1 x 48° diagonal field of view. The bullet network camera has IR LEDs with an effective range of up to 50 m and uses a built-in IR cut filter to switch from color to B&W for day/night functionality.

2MP IR Varifocal Bullet Network Camera

The CCTV camera is housed in an IP67- and IK10-rated weather- and impact-resistant enclosure. PoE technology simplifies installation by enabling you to power the camera via its network connection. Also featured are audio in/out ports as well as a microSD card slot for onboard storage of footage. ONVIF compliance ensures compatibility with a wide range of surveillance equipment.

Technical Dimensions

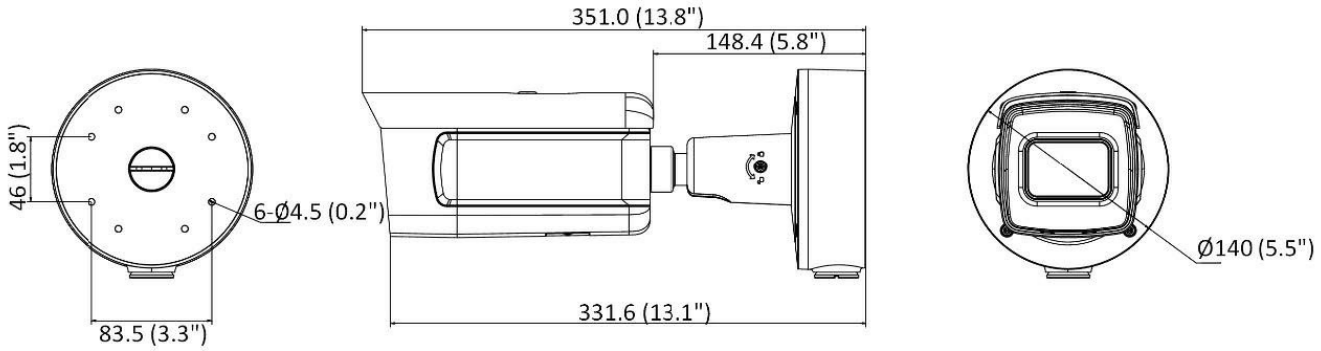
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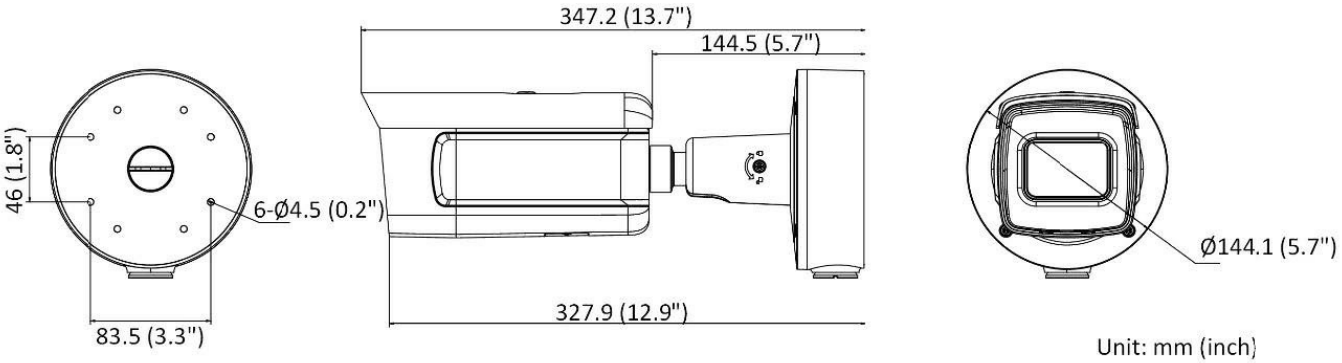
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With -Y model:



Unit: mm (inch)

Without -Y model:



Unit: mm (inch)

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Specifications

CAMERA	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.0005 Lux @ (F1.2, AGC ON); B/W: 0.0001 Lux @ (F1.2, AGC ON), 0 Lux with IR
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	N/A
Day & Night	IR Cut Filter, Blue glass module to reduce ghost phenomenon
Digital Noise Reduction	3D DNR
WDR	140dB
SNR	≥ 52 dB

LENS	
Focal length	2.8 to 12 mm
Aperture	F1.2 to F2.5
FOV	horizontal: 114.5° to 41.8°
	vertical: 59.3° to 23.6°
	diagonal: 141.1° to 48°

IR	
IR Range	50 m
Wavelength	850nm

COMPRESSION STANDARD	
Video Compression	Main stream: H.265+/H.265/H.264+/H.264
	Sub-stream: H.265/H.264/MJPEG
	Third stream: H.265/H.264
	Fourth stream: H.265/H.264/MJPEG
	Fifth stream: H.265/H.264/MJPEG
H.264 Type	Main Profile
H.265 Type	Baseline Profile, Main Profile, High Profile
Video Bit Rate	CBR,VBR
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/ MP3/AAC-LC
Audio Bit Rate	64 Kbps (G.711ulaw/G.711alaw)/16 Kbps (G.722.1)/16 Kbps (G.726)/32 to 192 Kbps (MP2L2)/8 to 320 Kbps (MP3)/16 to 64 Kbps (AAC-LC)

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SMART FEATURE-SET

Smart Event	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, audio exception detection, scene change detection, defocus detection
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, abnormal reboot, HDD full, HDD error), video quality diagnosis, vibration detection
Linkage	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm output, trigger recording, trigger capture, audible warning

VIDEO

Max. Resolution	1920 × 1080
Main Stream	50 Hz: 50 fps (1920 × 1080, 1280 × 960, 1280× 720)
	60 Hz: 60 fps (1920 × 1080, 1280 × 960, 1280× 720)
Sub-Stream	50 Hz: 25 fps (704 × 480, 640 × 480)
	60 Hz: 30 fps (704 × 480, 640 × 480)
Third Stream	50 Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
	60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50 Hz: 25 fps (704 × 480, 640 × 480)
	60 Hz: 30 fps (704 × 480, 640 × 480)
Fifth Stream	50 Hz: 25 fps (704 × 480, 640 × 480)
	60 Hz: 30 fps (704 × 480, 640 × 480)
Image Setting	Saturation, brightness, contrast, sharpness, white balance, and AGC adjustable by client software or web browser
Image Enhancement	BLC, HLC, Defog, 3D DNR
Day/Night Switch	Day, Night, Auto, Schedule, Alarm Trigger

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NETWORK

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.
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP,UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS
General Function	N/A
API	Open Network Video Interface (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
Security	Password protection, complicated password, HTTPS encryption, 802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for Open Network Video Interface, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users
	3 levels: Administrator, Operator and User
Client	iVMS-4200, Hik-Connect
Web Browser	Plug-in required live view: IE9+, Chrome 41.0 to 44, Firefox 30.0 to 51, Safari 8.0 to 11
	Plug-in free live view: Chrome 45.0+, Firefox 52.0+
	Not recommended: Safari 11+, Edge

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INTERFACE

Audio	With -Y: 1 input (line in), 1 output (line out), 3.5 mm connector
Alarm	2 input, 2 outputs (max. 24 VDC, 1 A)
Ethernet Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
On-board storage	Built-in memory card slot, support microSD/microSDHC/microSDXC card, up to 1 TB
RS-485	With -Y: 1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Reset Key	Yes

INTERFACE

AUDIO

Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz

GENERAL

Operating Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
Web Client 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
Power	12 VDC ± 20%, three-core terminal block, 1.19 A, max. 14.28 W PoE: 802.3at, Type 2, Class 4, 42.5 V to 57 V), 0.396 A to 0. 295 A, max. 16.8 W
Protection Level	IK08, IP67
Material	Aluminum alloy body
Dimensions	With -Y: Ø 140 × 351 mm (Ø 5.5" × 13.8")
Weight	Camera: Approx. 1950 g (4.2 lb.)

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APPROVAL	
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2:2019, EEN 61000-3-3:2013+A1:2019, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC (ICES-003: Issue 7); KC (KN 32: 2015, KN 35: 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); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)

Accessories



LAS60-57CN-RJ45

60W High PoE midspan (PoE injector)
110-230VAC

Item Number: 2310111125

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