

iDS-2CD7A46G0/P-IZHS(Y) 4 MP ANPR IR Varifocal Bullet Network Camera



















- High quality imaging with 4 MP resolution
- Excellent low-light performance via DarkFighter technology
- Clear imaging against strong back light due to 140 dB WDR technology
- License Plate Recognition
- Efficient H.265+ compression technology to save bandwidth and storage
- Advanced streaming technology that enables smooth live view and data self-correcting in poor network
- 5 streams and up to 5 custom streams to meet a wide variety of applications
- Water and dust resistant (IP67) and vandal proof (IK10)





Function

Road Traffic and Vehicle Detection

With embedded deep learning based license plate capture and recognition algorithms, the camera alone can achieve plate capture and recognition. The algorithm enjoys the high recognition accuracy of common plates and complex-structured plates, which is a great step forward comparing to traditional algorithms. Blacklist and whitelist are available for plate categorization and separate alarm triggering.

Smooth Streaming

Smooth streaming offers solutions to improve the video quality in different network conditions. For example, in poor network conditions, adapting to the detected real-time network condition, streaming bit rate and resolution are automatically adjusted to avoid mosaic and lower latency in live view; in multiplayer network conditions, the camera transmits the redundant data for the self-error correcting in back-end device, so that to solve the mosaic problem because of the packet loss and error rate.



Specification

Image Sensor	Camera	
Shutter Speed 1 s to 1/100,000 s Slow Shutter Yes P/N P/N Wide Dynamic Range 140 dB Day & Night 1 R cut filter Power off Memory Yes Ens Tournel State of State	Image Sensor	1/1.8" Progressive Scan CMOS
Slow Shutter Yes P/N 9/N Wide Dynamic Range 140 dB Day & Night 18 cut filter Power-off Memory yes Lens Type Ember Auto, semi-auto, manual Lens Type & FOV Auto, semi-auto, manual Lens Type & FOV 2.8 to 12 mm, horizontal FOV: 14.5° to 41.8°, vertical FOV: 23.3° to 23.6°, diagonal FOV: 49.6° to 17.3° Aperture 2.8 to 12 mm, F1.2 to 2.5 3 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3° Lens Mount Integrated 1 to 2.5 3 to 32 mm; 51.7 to F1.73 Lens Mount Blue glass module to reduce ghost phenomenon. Polytical FOV: 42.5° to 12.2° for	Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)
P/N P/N Wide Dynamic Range 140 dB Day & Night 18 cut filter Power-off Memory yes Lems Frous Auto, semi-auto, manual Lens Type & FOV 2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 49.6° to 17.3° Aperture 2.8 to 12 mm, borizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3° Aperture 2.8 to 12 mm; F1.2 to 2.5 8 to 32 mm; F1.7 to F1.73 4.8 to 12 mm; F1.2 to 2.5 Blue Glass Module Blue glass module to reduce ghost phenomenon. P-Iris 7e Vavelength 2.8 to 12 mm; 30 m R Range 2.8 to 12 mm; 30 m Wavelength 8 to 32 mm; 80 m Wavelength 8 to 32 mm; 80 m Wavelength 8 to 32 mm; 80 m Wax Resolution 268 v. 1520 Max. Resolution 268 v. 1520 Max. Resolution 50Hz; 25fps (2680 x 1520, 2560 x 1440, 1920 x 1080, 1280 x 720) Sub Stream 50Hz; 25fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480) 60Hz; 30fps (1920 x 1080, 1280 x 720, 704 x 480, 640 x 480) <td>Shutter Speed</td> <td>1 s to 1/100,000 s</td>	Shutter Speed	1 s to 1/100,000 s
Wide Dynamic Range 140 dB Day & Night IR cut filter Power-off Memory Yes Focus Auto, semi-auto, manual 2.8 to 12 mm, horizontal FOV: 114.5° to 41.8°, vertical FOV: 59.3° to 23.6°, diagonal FOV: 49.6° to 17.3° Lens Type & FOV FOV: 141.1° to 48° 8 to 32 mm, horizontal FOV: 42.5° to 15.1°, vertical FOV: 23.3° to 8.64°, diagonal FOV: 49.6° to 17.3° Aperture 2.8 to 12 mm; F1.2 to 2.5 8 to 32 mm; F1.7 to F1.73 Lens Mount Integrated Blue Glass Module Blue glass module to reduce ghost phenomenon. P-Iris 2.8 to 12 mm; 30 m R Range 2.8 to 12 mm; 30 m Marcelength 850 nm Somart Supplement Light Yes Video 50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Main Stream 50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Sub Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fifth Stream 50Hz: 25fps (192	Slow Shutter	Yes
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Video Max. Resolution 2680 ×1520 Main Stream 50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Sub Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265+/H.265/H.264/MJPEG	Wavelength	850 nm
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Main Stream 50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Sub Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Fourth Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Video	
Main Stream 60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720) Sub Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fourth Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fifth Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Max. Resolution	2680 ×1520
Sub Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fourth Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main Straam	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub Stream 60Hz: 30fps (704 × 480, 640 × 480) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fourth Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Fifth Stream 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.264/H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Main Stream	60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Main stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Sub Stroam	50Hz: 25fps (704 × 576, 640 × 480)
Third Stream 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Wideo Compression 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	SUN SUEdili	60Hz: 30fps (704 × 480, 640 × 480)
60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Fourth Stream 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Wideo Compression 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG		60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) 50Hz: 25fps (704 × 576, 640 × 480) 60Hz: 30fps (704 × 480, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Fourth Stream	
Fifth Stream 60Hz: 30fps (704 × 480, 640 × 480) Custom Stream 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG		
60Hz: 30fps (704 × 480, 640 × 480) 50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480) 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Fifth Stream	, , , , , , , , , , , , , , , , , , , ,
Custom Stream 60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG		
60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480) Main stream: H.265+/H.265/H.264+/ H.264 Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG	Custom Stream	
Video Compression Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream: H.265/H.264/MJPEG		
Video Bit Rate 32 Kbps to 16 Mbps	Video Compression	Sub-stream/Third stream/Fourth stream/Fifth stream/custom stream:
==k=ka	Video Bit Rate	32 Kbps to 16 Mbps
H.264 Type Baseline Profile/Main Profile/High Profile	H.264 Type	Baseline Profile/Main Profile/High Profile
H.265 Type Main Profile	H.265 Type	Main Profile
H.264+ Main Stream supports	H.264+	Main Stream supports
H.265+ Main Stream supports	H.265+	Main Stream supports
Bit Rate Control CBR/VBR	Bit Rate Control	CBR/VBR
Stream Type Main stream/sub-stream/third stream/fourth stream/fifth stream/custom stream	Stream Type	Main stream/sub-stream/third stream/fourth stream/fifth stream/custom stream



Scalable Video Coding (SVC)	H.265 and H.264 support
Region of Interest (ROI)	4 fixed regions for each stream
Audio	<u> </u>
Environment Noise Filtering	Yes
Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-320Kbps(MP3)
Audio Type	Mono sound
Network	
Simultaneous Live View	Up to 20 channels
API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
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
Smooth Streaming	Yes
User/Host	Up to 32 users. 3 user levels: administrator, operator and user
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 ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2
Network Storage	microSD/SDHC/SDXC card (256 GB) local storage, and 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 live view: IE8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+
	Local service: Chrome 41.0+, Firefox 30.0+
Image	
Smart IR	The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure.
Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In, Triggered by Video
Target Cropping	Yes
Distortion Correction Distortion	Yes
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction
Image Parameters Switch	Yes
Image Settings	Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser
SNR	≥52 dB
Interface	
Alarm	2 input, 2 outputs (max. 24 VDC, 1 A)
Audio	With -Y: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 K Ω , interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 100 Ω , interface type: non-equilibrium, mono sound
RS-485	With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
Video Output	1 Vp-p Composite Output(75Ω/CVBS)(For debugging only)
On-board Storage	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
	, , , , , , , , , , , , , , , , , , ,



Hardware Reset	Yes
Communication Interface	1 RJ45 10M/100M/1000M self-adaptive Ethernet port
Power Output	With -Y: 12 VDC, max. 200 mA (supported by all power supply types)
Smart Feature-Set	
Basic Event	Motion detection, video tampering alarm, exception (network disconnected, IP
Dasic Everit	address conflict, illegal login, HDD full, HDD error), black/white list of license plate
	Line crossing detection, up to 4 lines configurable
	Intrusion detection, up to 4 regions configurable
	Region entrance detection, up to 4 regions configurable
Smart Event	Region exiting detection, up to 4 regions configurable
	Unattended baggage detection, up to 4 regions configurable
	Object removal detection, up to 4 regions configurable
	Scene change detection, audio exception detection
Counting	Yes
Intelligent (Deep Learning Alg	orithm)
	Line crossing, intrusion, region entrance, region exiting
	Support alarm triggering by specified target types (human and vehicle)
Premier Protection	Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag
	etc.
	Accuracy (under recommended installation and lighting conditions)
	Capture rate > 98%
	Vehicle moving direction recognition accuracy > 96%
	Mistaken capture rate < 2% (entrance/exit), < 5% (checkpoint)
Road Traffic and Vehicle	Blacklist and whitelist: up to 10000 records
Detection	Captures vehicle that has no license plate
	Support license plate recognition of motorcycles (only in checkpoint scenario)
	Support vehicle attribute detection, including vehicle type, color, brand, etc. (City
	Street mode is recommended.)
General	
	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm
	output, trigger recording, trigger capture
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record
Zimage Methou	Trigger captured pictures uploading: FTP, SFTP, HTTP, NAS, Email
	Trigger notification: HTTP, ISAPI, alarm output, Email
Online Upgrade	Yes
Dual Backup	Yes
Firmware Version	V5.5.121
	33 languages
Web Client Language	English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Sloval
	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	Anti- flicker, 5 streams and up to 5 custom streams, heartbeat, mirror, privacy masks,
	flash log, password reset via e-mail, pixel counter
Software Reset	Yes
Storage Conditions	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
Startup and Operating Conditions	, , , , , ,
	-40 °C to 60 °C (-40 °F to 140 °F). Humidity 95% or less (non-condensing)
	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at,
Power Supply	Type 2 Class 4



Power Consumption and	12 VDC, 1.33 A, max. 16.0 W
Current	PoE: (802.3at, 42.5V-57V), 0.43 A to 0.31 A, max. 18.0 W
Power Interface	Three-core terminal block
Material	Aluminum alloy body
Screw Material	Mild steel
Camera Dimension	Without -Y: Ø144 × 347 mm (Ø5.7" × 13.7")
	With -Y: Ø140 × 351 mm (Ø5.5" × 13.8")
Package Dimension	405 × 190 × 180 mm (15.9" × 7.5" × 7.1")
Camera Weight	1920 g (4.2 lb.)
With Package Weight	3060 g (6.7 lb.)
Metadata	
Metadata	Metadata of intrusion detection, line crossing detection, region entrance detection,
	region exiting detection, unattended baggage detection, object removal are
	supported.
Approval	
Class	Class B
EMC	FCC (47 CFR Part 15, Subpart B); CE-EMC (EN 55032: 2015, EN 61000-3-2: 2014, EN
	61000-3-3: 2013, EN 50130-4: 2011 +A1: 2014); RCM (AS/NZS CISPR 32: 2015); IC
	(ICES-003: Issue 6, 2016); KC (KN 32: 2015, KN 35: 2015)
Safety	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN
	60950-1:2005 + Am 1:2009 + Am 2:2013); BIS (IS 13252(Part
	1):2010+A1:2013+A2:2015); LOA (IEC/EN 60950-1)
Environment	CE-RoHS (2011/65/EU); WEEE (2012/19/EU); Reach (Regulation (EC) No 1907/2006)
Protection	Ingress protection: IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)
Anti-Corrosion Protection	With -Y: NEMA 4X(NEMA 250-2014)
Other	With -Y: PVC FREE

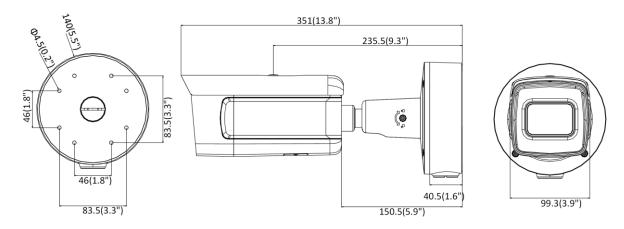
Available Model

iDS-2CD7A46G0/P-IZHS (2.8 to 12 mm), iDS-2CD7A46G0/P-IZHS (8 to 32 mm), iDS-2CD7A46G0/P-IZHSY (2.8 to 12 mm), iDS-2CD7A46G0/P-IZHSY (8 to 32 mm)

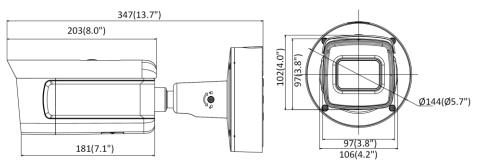


Dimension

-Y model:



Without -Y model:



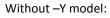
Unit: mm(inch)

Accessory

-Y model:



DS-1476ZJ-Y **Corner Mount**





DS-1475ZJ-SUS Vertical Pole Mount



DS-1475ZJ-Y Vertical Pole Mount



DS-1476ZJ-SUS **Corner Mount**



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