

iDS-2CD7A46G0-IZHS(Y)(R) **4 MP 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
- 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

Face Counting

With the embedded deep learning algorithms, the camera integrates multiple intelligences. It counts persons and samples the face features simultaneously, and compares them with the built-in face library, so to remove the duplicated person. It counts persons and reports a face alarm simultaneously to achieve both the entrance control and people counting.

Hard Hat Detection

With the embedded deep learning algorithms, the camera detects the persons in the specified region. It detects whether the person is wearing a hard hat, and captures the head of the person and reports an alarm if not.

Multi-Target-Type Detection

With the embedded deep learning algorithms, the camera detects and captures the face and human body in the specified region and outputs the features, such as gender, age and top color. It supports a structurized modeling of the face and human body to achieve a structurized data collection.

Queue Management

With embedded deep learning based algorithms, the camera detects queuing-up people number and waiting time of each person. The body feature detection algorithm helps filter out wrong targets and increase the accuracy of detection.

Metadata

Metadata uses individual instances of application data or the data content. Metadata can be used for third-party application development.

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

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.001 Lux @ (F1.2, AGC ON); B/W: 0.0003 Lux @ (F1.2, AGC ON)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	140 dB
Day & Night	IR cut filter
Power-off Memory	Yes
Lens	
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
Long Typo & EOV	FOV: 141.1° to 48°
Lens Type & FOV	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
Anartura	2.8 to 12 mm: F1.2 to 2.5
Aperture	8 to 32 mm: F1.7 to F1.73
Lens Mount	Integrated
Blue Glass Module	Blue glass module to reduce ghost phenomenon.
P-Iris	Yes
Illuminator	
12 D	2.8 to 12 mm: 30 m
IR Range	8 to 32 mm: 80 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	2680 ×1520
	50Hz: 25fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
Main Stream	60Hz: 30fps (2680 × 1520, 2560 × 1440, 1920 × 1080, 1280 × 720)
	50Hz: 25fps (704 × 576, 640 × 480)
Sub-Stream	60Hz: 30fps (704 × 480, 640 × 480)
T I: 10:	50Hz: 25fps (1920 × 1080, 1280 × 720, 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)
Fourth Stream	60Hz: 30fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
-16.1 a.	50Hz: 25fps (704 × 576, 640 × 480)
Fifth Stream	60Hz: 30fps (704 × 480, 640 × 480)
	50Hz: 25fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
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
Video Bit Rate	32 Kbps to 16 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
Stream Type	Main stream/Sub-stream/third stream/fourth stream/fifth stream/custom stream
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A fixed regions for each stream Audio Formironment Noise Filtering Yes Audio Sampling Rate Audio Compression G.711/G.722.1/G.726/MP.212/PCM/MP3 64kbpsi(G.722.1)/16kbpsi(G.722.1)/16kbpsi(G.726)/32-192Kbpsi(MP2L2)/32Kbpsi(PCMI//8-320Kbpsi(MP3) Audio Bit Rate Audio Type Mono sound Network Simultaneous Live View Up to 20 channels ONVIF (PROFILE S, PROFILE G, PROFILE TI, ISAPL, SDK, ISUP TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPO6, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS Smooth Streaming Ves User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption.802.1X authentication (EAP-TLS, EAP-EAP, EAP-MDS), 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 microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hilkvision memory card, memory card encryption and health detection are supported. Upg-in required live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Image 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 Target Cropping Yes The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. Bay, Right, Auto, Schedule, Triggered by Alarm In Target Cropping Yes The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. Bay, Night, Auto, Schedule, Triggered by Alarm In Target Cropping Yes The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. Bay, Night, Auto, Schedule, Triggered by, Alarm In T	Scalable Video Coding (SVC)	H.265 and H.264 support
Audio Smipring 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 Simpling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression G.711/J.16Kbps/G.722.1/J.16Kbps/G.726/J32-192Kbps/(MP2L2)/32Kbps/PCMI/8-320Kbps/RM3 Audio Bit Rate 320Kbps/RM3 Audio Type Mono sound Network Simultaneous Live View Up to 20 channels API ONIVIE (PROFILE 5), RROFILE G, PROFILE T), ISAPI, SDK, ISUP TCP/IP, ICMP, HTTP, HTTP, SFTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPRP, SMTP, SMMP, 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 Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 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 Target Cropping Yes Picture Overlay Local service: Chrome 41.0+, Firefox 30.0+ Image Enhancement BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction Image Parameters Switch Yes More Parameters Switch Yes 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 Target Cropping Yes Fleture Overlay Local Service: Chrome 41.0+, Firefox 30.0+		
Audio Sampling Rate Audio Sampling Rate Audio Compression G.711/G.722.1/G.726/MP212/PCM/MP3 Audio Compression G.711/G.722.1/G.726/MP212/PCM/MP3 Audio Type Mono Sound Network Simultaneous Live View Up to 20 channels API ONNIF (PROFILE S, PROFILE G, PROFILE TJ, ISAPI, SDK, ISUP Protocols PPPOE, NTP, UPPN, SMTP, SNMP, IGMP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS Smooth Streaming Yes User/Host Up to 32 users. 3 user levels: administrator, poperator and user Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for IntTP/HTTPS, WSSE and digest authentication for NNIF, RTP/SNTC, Control Timeout Settings, Security Audit Log, TLS 1.2 microSo/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), autonetwork replenishment (ANR) Together with high-end Hikkison memory card, memory card encryption and health detection are supported. Client IVMS-4200, Hik-Connect, Hik-Central Plus-in required 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 Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format Image Farameters Switch Yes Imag		
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Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/MP3 Audio Bit Rate GAKbps(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 API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SMTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPGE, NTP, UPPP, SMTP, SMMP, 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 Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDS), 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 microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto network replenishment (ANR) Together with high-end Hilkvision memory card, memory card encryption and health detection are supported. Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: Cheme 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 Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format Image Parameters Switch Yes Image Policy Developed Profile Profile Profile Profile Interface Yes Video Output Jiput (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KQ, interface type: non-equilibrium	_	
Audio Bit Rate 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 TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE, NTP, UPPP, SMTP, SMMP, IGMP, 802.1X, DoS, IPV6, UDP, Bonjour, SSL/TLS Smooth Streaming Yes Up to 32 users. 3 user levels: administrator, operator and user [EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 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 Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format Image Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SPR 25 2 dB Nater Mace 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KQ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.3 vpp, output impedance: 0.1 input (line in), 3.5 mm connector, max. input amplitude: 10.0 interface type: non-equilibrium, mono sound RS-485 With -Y: 1 RS-485 [Mith in micro SD/SDHC/SDX 6lot, up to 256 GB	· -	
Network Simultaneous Live View Up to 20 channels API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SMTP, SMTP, SMMP, 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 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 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 Plug-in free live view: Chrome 41.0+, Firefox 52.0+, Safari 11+ total 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 Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format <td>Audio Bit Rate</td> <td>64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-</td>	Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-
Network Simultaneous Live View Up to 20 channels API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPP, SMTP, SMTP, SMMP, 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 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 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 Plug-in free live view: Chrome 41.0+, Firefox 52.0+, Safari 11+ total 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 Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format <td>Audio Type</td> <td>Mono sound</td>	Audio Type	Mono sound
API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP Protocols TCP/IP, ICMP, HTTP, HTTPS, STFP, STFP, STRP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS Smooth Streaming Ves User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 Plug-in required live view: IE8+ Web Browser 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 Target Cropping 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 mage Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR 252 dB Interface 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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 Nother Y: 1 RS-485 (half duplex, HikVISION, Pelco-P, Pelco-D, self-adaptive) Video Output 1 V-p Composite Output(750/CVBS)(For debugging only) On-board Storage	Network	
API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP Protocols TCP/IP, ICMP, HTTP, HTTPS, STFP, STFP, STRP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS Smooth Streaming Ves User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 Plug-in required live view: IE8+ Web Browser 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 Target Cropping 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 mage Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR 252 dB Interface 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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 Nother Y: 1 RS-485 (half duplex, HikVISION, Pelco-P, Pelco-D, self-adaptive) Video Output 1 V-p Composite Output(750/CVBS)(For debugging only) On-board Storage	Simultaneous Live View	Up to 20 channels
Protocols TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DRCP, DNS, DDNS, RTP, RTSP, RTCP, PPP0E, NTP, UPP0F, SMTP, STMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSI/TLS Smooth Streaming Ves User/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDD), 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 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 IMMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE8+ Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Image Smart IR To IR IEDS 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 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 Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR 252 dB Interface Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KD, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max.output amplitude: 3.3 vpp, output impedance: 100 Q, interface type: non-equilibrium, nono sound Wideo Output 1 VP-9 Composite Output(TSD/CVBS)(For debugging only) On-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	API	
Up to 32 users. 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 authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP OVER HTTPS, Control Timeout Settings, Security Audit Log., TLS 1.2 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 Plug-in required live view: IEB+ Web Browser Plug-in required live view: EB+ 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 Target Cropping 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 25 2 dB Interface Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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 With -Y: 1 RS-485 (Mit duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Video Output 1 Vp-p Composite Output(75D/CVBS)(For debugging only) On-board Storage	Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP,
Password protection, complicated password, HTTPS encryption,802.1X authentication (EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 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 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 Target Cropping 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 Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR 252 dB Interface Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: A.7 KO, 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(750/CVBS)(for debugging only) On-board Storage	Smooth Streaming	Yes
Security (EAP-TLS, EAP-LEAP, EAP-MDS), 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 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 iMNS-4200, Hik-Connect, Hik-Central 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 The IR LEDS on camera should support Smart IR function to automatically adjust power to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Target Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format Image Enhancement Image Parameters Switch Yes Image Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR 252 dB Interface Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) - IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KO, 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 +': 1 RS-485 (half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Video Output 1 Vp-p Composite Output(750/CVBS)(for debugging only) On-board Storage Boult-in micro SD/SDHC/SDXC slot, up to 256 GB	User/Host	Up to 32 users. 3 user levels: administrator, operator and user
Network Storage 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+ Web Browser Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Image The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Target Cropping 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 1 Interface 1 Audio 2 input, 2 outputs (max. 24 VDC, 1 A) -12HSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Security	(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
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 Target Cropping 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 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) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Network Storage	network replenishment (ANR) Together with high-end Hikvision memory card, memory card encryption and health
Web Browser 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 Target Cropping 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 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY:	Client	iVMS-4200, Hik-Connect, Hik-Central
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 Target Cropping 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) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Web Browser	Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+
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Target Cropping 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 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) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	•	The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure.
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 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In
Image Enhancement BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction Image Parameters Switch Yes 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) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Target Cropping	Yes
Image Parameters SwitchYesImage SettingsRotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browserSNR≥52 dBInterface2 input, 2 outputs (max. 24 VDC, 1 A)-IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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 soundRS-485With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)Video Output1 Vp-p Composite Output(75Ω/CVBS)(For debugging only)On-board StorageBuilt-in micro SD/SDHC/SDXC slot, up to 256 GB	Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
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) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction
Image Settings adjustable by client software or web browser SNR ≥52 dB Interface 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: Audio 4.7 KΩ, 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	Image Parameters Switch	Yes
Interface Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: Audio 4.7 KΩ, 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	Image Settings	
Alarm 2 input, 2 outputs (max. 24 VDC, 1 A) -IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	SNR	≥52 dB
-IZHSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Interface	
1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KΩ, 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	Alarm	2 input, 2 outputs (max. 24 VDC, 1 A)
RS-485With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)Video Output1 Vp-p Composite Output(75Ω/CVBS)(For debugging only)On-board StorageBuilt-in micro SD/SDHC/SDXC slot, up to 256 GB	Audio	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:
On-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	RS-485	With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)
On-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Video Output	
-	·	Built-in micro SD/SDHC/SDXC slot, up to 256 GB
	Hardware Reset	Yes



Communication Interface	1 RJ45 10 M/100 M/1000 M self-adaptive Ethernet port
Power Output	With -Y: 12 VDC, max. 200 mA (supported by all power supply types)
Heater	Yes
Smart Feature-Set	
Pacis Event	Motion detection, video tampering alarm, vibration detection, exception (network
Basic Event	disconnected, IP address conflict, illegal login, HDD full, HDD error)
	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, defocus detection
Counting	Yes
Intelligent (Deep Learning Algo	rithm)
	Detects up to 30 faces simultaneously;
	Supports swing left and right from -60° to 60°, tilt up and down from -30° to 30°;
Face Recognition	Up to 3 face libraries with up to 30000 faces each are configurable;
race necognition	Recognizes face identity via face modeling, grading and comparing to those in face
	library;
	Supports face library encryption.
Multi target type Detection	Supports simultaneous detection of human body and face
Multi-target-type Detection	Gets 8 face features and 13 human body features
	Supports entering/exiting counting (track 30 targets simultaneously);
	Supports facial recognition;
Face Counting	Supports 24-hour dynamic deduplication and face library deduplication (up to 3 face
race Counting	libraries with up to 30000 faces);
	Supports reporting alarms when detecting the face is the same as that in the face
	library.
Hard Hat Detection	Detects up to 30 human targets simultaneously
Tiard that Detection	Supports up to 4 shield regions
	Detects queuing-up people number, and waiting time of each person
Queue Management	Generates reports to compare the efficiency of different queuing-ups and display the
Queue Management	changing status of one queue
	Supports raw data export for further analysis
	Line crossing, intrusion, region entrance, region exiting
Premier Protection	Support alarm triggering by specified target types (human and vehicle)
Tremer Proceedion	Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag
	etc.
General	
	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarn
	output, trigger recording, trigger capture
Linkage Method	Trigger recording: memory card, network storage, pre-record and post-record
	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



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
General Function	Anti- flicker, 5 streams and up to 5 custom streams, EPTZ, 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)
Power Supply	12 VDC ± 20%, three-core terminal block, reverse polarity protection; PoE: 802.3at, 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
Camera 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, face capture and queue management 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)
Automotive and Railway	With -R: EN50121-4
Anti-Corrosion Protection	With -Y: NEMA 4X(NEMA 250-2014). Anti-corrosion coating, not recommended in high salinity/humidity/acidity environment
Other	With -Y: PVC FREE

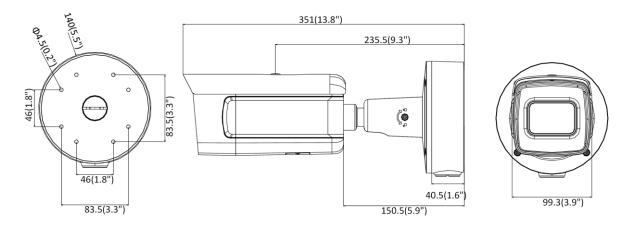
Available Model

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

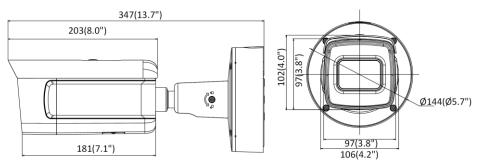


Dimension

-Y model:



Without -Y model:



Unit: mm(inch)

Accessory

-Y model:

Without –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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