

iDS-2CD7A86G0-IZHS(Y)(R) 8 MP IR Varifocal Bullet Network Camera





DeepinView

- High quality imaging with 8 MP resolution
- Clear imaging against strong back light due to 120 dB true
 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.

Anti-Corrosion Coating(-Y)

The camera adopts high weatherproof and wearproof molding powder that confirms to AAMA2604-02 and Qualicoat (Class2) specifications, and uses two-layer special spraying technology, so its surface has excellent long-term anti-corrosion performance and physical protection function. Besides, all the exposed screws use SUS316 material and features high anti-corrosion performance. Therefore, the whole camera meets anti-corrosion requirements NEMA 250-2018.



Specification

Camera	
Image Sensor	1/1.8" Progressive Scan CMOS
Min. Illumination	Color: 0.009 Lux @ (F1.2, AGC ON); B/W: 0.0009 Lux @ (F1.2, AGC ON)
Shutter Speed	1 s to 1/100,000 s
Slow Shutter	Yes
P/N	P/N
Wide Dynamic Range	120 dB
Day & Night	IR cut filter
Power-off Memory	Yes
Lens	
Focus	Auto, semi-auto, manual
Lens Type & FOV	2.8 to 12 mm, horizontal FOV: 112.3° to 41.2°, vertical FOV: 58° to 23.1°, diagonal FOV: 137.3° to 47.3° 8 to 32 mm, horizontal FOV: 41.8° to 14.9°, vertical FOV: 22.92° to 8.48°, diagonal FOV: 48.7° to 17°
Aperture	2.8 to 12 mm: F1.2 to F2.5 8 to 32 mm: F1.7 to F1.73
Lens Mount	Integrated
Blue Glass Module	Blue glass module to reduce ghost phenomenon.
P-Iris	Yes
Illuminator	
10.0	2.8 to 12 mm: 50 m
IR Range	8 to 32 mm: 100 m
Wavelength	850 nm
Smart Supplement Light	Yes
Video	
Max. Resolution	3840 × 2160
Marin Studens	50Hz: 25 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)
Main Stream	60Hz: 30 fps (3840 × 2160, 3200 × 1800, 2560 × 1440, 1920 × 1080, 1280 × 720)
Sub-Stream	50Hz: 25 fps (704 × 576, 640 × 480)
Sub-Stream	60Hz: 30 fps (704 × 480, 640 × 480)
Third Stream	50Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
mild Stream	60Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fourth Stream	50Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
Tourth Stream	60Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Fifth Stream	50Hz: 25fps (704 × 576, 640 × 480)
Thirt Stream	60Hz: 30fps (704 × 480, 640 × 480)
Custom Stream	50Hz: 25 fps (1920 × 1080, 1280 × 720, 704 × 576, 640 × 480)
- Custom Stream	60Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480)
Video Compression	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
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 Main Stream supports
H.265+ Bit Rate Control	•



Audio Sampling Rate 8 kHz/16 kHz/32 kHz/4.1 kHz/48 kHz Audio Compression 6.711/G.722.1/G.726/MP212/PCM/MP3 64kbps(G.7111/15Kkps(G.722.1)/16kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32-192kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32Kbps(MP212)/32Kbps(PCM)//32Kbps(G.726)/32Kbps(MP212)/32Kbps(M	Scalable Video Coding (SVC)	H.265 and H.264 support
Audio Sampling Rate Audio Sampling Rate Audio Compression G.711/G.722.1/G.726/MP212/PCM/MP3 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192kbps(MP212)/32kbps(PCM)/320kbps(MP3) Audio Type Mono sound Network Imultaneous Live View Up to 20 channels Protocols Protocols PPPOE, NTP, UPNP, SMTP, SFTP, SFTP, SFTP, DRCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPNP, SMTP, STMP, BGM, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS Imount Streaming Yes Security GEAP-TLS, EAP-LEAP, EAP-LEAP, EAP-BDS), watermark, Paddress filter, basic and digest authentication for HTTP/HTTPS, STTP, STSP, BGTG, and MSS (NFS, SMB/CIFS), autonetwork replenishment (ANR) Together with high-end Hikivision memory card, memory card encryption and health detection are supported. Client IVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IEB+ Plug-in required live view: IEB+ Plug-in required live view: Heroms 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Local service: Chrome 41.0+, Firefox 30.0+ Mage Enhancement Are Hik LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day/Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In largest Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format Bic, HLC, 30 DNR, Defog, Eis, Distortion Correction mage Parameters Switch Yes mage Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser \$2528 Normal Purposite Composite Output impedance: 100 Q, interface type: non-equilibrium mono sound \$45.485 With *1.18 × 1.28 × 1.85 × 1.85 (drug) only impedance: 100 Q, interface type: non-equilibrium mono sound \$45.485 With *1.18 × 1.28 × 1.85 × 1.85 (drug) only impedance: 100 Q, interface type: non-equilibrium mono sound \$45.485 With *1.18 × 1.28 × 1.85 × 1.85 × 1.85 (drug) only impedance: 100 Q, interface type: non-equilibrium mono sound Selectio	Region of Interest (ROI)	4 fixed regions for each stream
Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz Audio Compression 6.711/G.722.1/6.726/MP212/PCM/MP3 64Kbps(G.7111/16Kbps(G.722.1)/16Kbps(G.726)/32.192Kbps(MP212)/32Kbps(PCM)/320Kbps(MP3) Audio Bit Rate 8 Audio Type Mono sound Wetwork Simultaneous Live View Up to 20 channels FOPTOLOGIS TCP/IP, EMP, HTTP, HTTPS, FTP, SFTP, SKTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPDE, NTP, UPNP, SMTP, SMMP, IGMP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS whenth Streaming Yes Jeer/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, WSS and HTTPS, WSS and NS (NFS, SMB/CIFS), authentication for HTTP/HTTPS, WSS and NS (NFS, SMB/CIFS)	Audio	
Audio Compression G.711/G.722.1/G.726/MP212/PCM/MP3 Audio Bit Rate G6Kkps(G.711)/16Kbps(G.725.1/32-192Kbps(MP212)/32Kbps(PCM)//320Kbps(MP3) Audio Type Mono sound Vetwork Simultaneous Live View Up to 20 channels ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP OTOCOS TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DNCP, DNS, DDNS, RTP, RTSP, RTCP, PPD6E, NTP, UPPP, SMTP, SMMP, IGMP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS GMOOth Streaming Yes Joser/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, 802.1X authenticatio (EAP-TLS, EAP-LEAP), EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSF 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. Network Storage The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format BCC Day/Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Sized Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Sized Sized Microposite Output (Impedance: 100 O, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output 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: 100 O, interface type: non-equilibrium mono sound Wit	Environment Noise Filtering	Yes
Audio Compression G.711/G.722.1/G.726/MP212/PCM/MP3 Audio Bit Rate G6Kkps(G.711)/16Kbps(G.725.1/32-192Kbps(MP212)/32Kbps(PCM)//320Kbps(MP3) Audio Type Mono sound Vetwork Simultaneous Live View Up to 20 channels ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP OTOCOS TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SRTP, DNCP, DNS, DDNS, RTP, RTSP, RTCP, PPD6E, NTP, UPPP, SMTP, SMMP, IGMP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS GMOOth Streaming Yes Joser/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, 802.1X authenticatio (EAP-TLS, EAP-LEAP), EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSF 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. Network Storage The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format BCC Day/Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Sized Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser Sized Sized Microposite Output (Impedance: 100 O, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output 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: 100 O, interface type: non-equilibrium mono sound Wit	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz
Audio Bit Rate 64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192kbps(MP2L2)/32kbps(PCM)// 320kbps(MP3) Audio Type Mono sound Network Simultaneous Live View Up to 20 channels APP ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SKTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP,UPNP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS disnosth Streaming Yes Jser/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/HTTP, SWSE and digest authentication for ONVIF, RTP/RTSI 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 storage No. 12 Storage Storage No. 12 Sto	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/MP3
Up to 20 channels	Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/32Kbps(PCM)/8-320Kbps(MP3)
Up to 20 channels API ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP TOTOCOIS TCP/IP, ICMP, HTTP, HTTPS, FTP, STPP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPOE, NTP, UPAP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS Smooth Streaming Yes Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, 802.1X authenticatio (EAP-TLS, EAP-LEAP, EAP-MDS), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONNIF, RTP/RTSF 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. UiMS-4200, Hik-Connect, Hik-Central Plug-in required live view: IE8+ Web Browser Plug-in refe live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day/Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Together with page overexposure. LOGO picture can be overlaid on video with 128 × 128 24bit bmp format mage Enhancement BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction mage Parameters Switch Yes mage Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 252dB Netrace 1 input, 2 outputs (max. 24 VDC, 1 A) 12HSY: 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 ypp, input impedance: 4.7 KQ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output amplitude: 3.7 ypp, output impedance: 100 Q, interface type: non-equilibrium mono sound With -Y: 1 Rs-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Nith-Y: 1 Rs-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive)	Audio Type	Mono sound
ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP TCP/IP, ICMP, HTTP, HTTP, FTP, SFTP, SFTP, STP, DHCP, DNS, DNS, RTP, RTSP, RTCP, PPPOE, NTP, UPPOE, NTP, IGNP, 802.1X, QoS, IPV6, UDP, Bonjour, SSL/TLS	Network	
TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SFTP, DNCP, DNS, DDNS, RTP, RTSP, RTCP, PPP6E, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS imooth Streaming Jser/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, 802.1X authentication feecurity (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 Settlings, Security Audit Log, TLS 1.2 microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), autonetwork 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 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ mage Smart IR The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Greget Cropping Yes Day, Night, Auto, Schedule, Triggered by Alarm In Greget Cropping Yes Mage Parameters Switch Yes Mage Parameters Switch Yes Mage Parameters Switch Yes Motate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 252dB SER 252dB Notate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 2445 By Client Software or web browser 252dB 1445 Yes 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KG, interface type: non-equilibrium mono sound Notate amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium mono sound With -Y: 1 R-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Dr. board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Simultaneous Live View	Up to 20 channels
TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, SFTP, DNCP, DNS, DDNS, RTP, RTSP, RTCP, PPP6E, NTP, UPnP, SMTP, SMMP, IGMP, 802.1X, QoS, IPv6, UDP, Bonjour, SSL/TLS imooth Streaming Jser/Host Up to 32 users. 3 user levels: administrator, operator and user Password protection, complicated password, HTTPS encryption, 802.1X authentication feecurity (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 Settlings, Security Audit Log, TLS 1.2 microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), autonetwork 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 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ mage Smart IR The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Greget Cropping Yes Day, Night, Auto, Schedule, Triggered by Alarm In Greget Cropping Yes Mage Parameters Switch Yes Mage Parameters Switch Yes Mage Parameters Switch Yes Motate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 252dB SER 252dB Notate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 2445 By Client Software or web browser 252dB 1445 Yes 1 input (line in), 3.5 mm connector, max. input amplitude: 3.3 vpp, input impedance: 4.7 KG, interface type: non-equilibrium mono sound Notate amplitude: 3.3 vpp, output impedance: 100 Ω, interface type: non-equilibrium mono sound With -Y: 1 R-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Dr. board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	API	ONVIF (PROFILE S, PROFILE G, PROFILE T), ISAPI, SDK, ISUP
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/RTSF 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. Web Browser Plug-in required live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Mage Smart IR The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format mage Parameters Switch Yes Mage Parameters Switch Yes Mage Parameters Switch Yes Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser ≥52dB NETH: 2 input, 2 outputs (max. 24 VDC, 1 A) -12H5Y: 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, 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: 100 Q, interface type: non-equilibrium mono sound With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Built-in micro SD/SDHC/SDXC slot, up to 256 GB	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/RTSF 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 Hikivision memory card, memory card encryption and health detection are supported. Client iVMS-4200, Hik-Connect, Hik-Central Plug-in required live view: E8+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ Mage Smart IR The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction mage Parameters Switch Yes Mage Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser 252dB Netrace Audio 4.7 KΩ, interface type: non-equilibrium; 1 output (line out), 3.5 mm connector, max. output 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(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) 1 Vp-p Composite Output (75 Ω/CVBS)(For debugging only)	Smooth Streaming	Yes
(EAP-TLS, EAP-LEAP, EAP-MD5), watermark, IP address filter, basic and digest authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSR OVER HTTPS, Control Timeout Settings, Security Audit Log, TLS 1.2 microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), autonetwork 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+ mage The IR LEDs on camera should support Smart IR function to automatically adjust pow. to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Dicture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 SENR 252dB nterface Valarm 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(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Video Output 1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only)	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+ Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ mage Smart IR The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format mage Enhancement BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction mage Parameters Switch Yes mage Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SENR ≥52dB nterface 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 Avaisa Wit	Security	authentication for HTTP/HTTPS, WSSE and digest authentication for ONVIF, RTP/RTSP
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+ mage The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day/Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Ves Cicture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format mage 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 \$252dB nterface 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) 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
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+ mage The IR LEDs on camera should support Smart IR function to automatically adjust pow to avoid image overexposure. Day, Night, Auto, Schedule, Triggered by Alarm In Target Cropping Yes Dicture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 ≥52dB nterface 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 κΩ, 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) Jup-p Composite Output(75 Ω/CVBS)(For debugging only) Dn-board Storage Plug-in free live view: Chrome 57.0+, Firefox 30.0+ Alarm 10	Client	
Plug-in free live view: Chrome 57.0+, Firefox 52.0+, Safari 11+ Local service: Chrome 41.0+, Firefox 30.0+ mage The IR LEDs on camera should support Smart IR function to automatically adjust powrous to avoid image overexposure. Day, Night Switch Day, Night, Auto, Schedule, Triggered by Alarm In Farget Cropping Yes Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format mage 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 SSR ≥52dB nterface 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(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	<u> </u>	
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 Farget Cropping Picture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 ≥52dB nterface 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(75 Ω/CVBS)(For debugging only) Dn-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+
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 Farget Cropping Yes Dicture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 ≥52dB nterface 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) Judeo Output 1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Image	
Farget Cropping Yes Dicture Overlay LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 ≥52dB nterface 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 NS-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	Smart IR	The IR LEDs on camera should support Smart IR function to automatically adjust power to avoid image overexposure.
LOGO picture can be overlaid on video with 128 × 128 24bit bmp format 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 ≥52dB nterface 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 NS-485 With -Y: 1 RS-485(half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive) Wideo Output 1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Day/Night Switch	Day, Night, Auto, Schedule, Triggered by Alarm In
mage Enhancement BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction mage Parameters Switch Yes mage Settings Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR ≥52dB nterface 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(75 Ω/CVBS)(For debugging only) On-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Target Cropping	Yes
mage Parameters SwitchYesmage SettingsRotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browserSNR≥52dBNaterfaceAlarm2 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(75 Ω/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
Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR ≥52dB 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(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS, Distortion Correction
Rotate mode, saturation, brightness, contrast, sharpness, gain, white balance adjustable by client software or web browser SNR ≥52dB 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(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Image Parameters Switch	Yes
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(75 Ω/CVBS)(For debugging only) Dn-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(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	SNR	≥52dB
-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(75 Ω/CVBS)(For debugging only) Dn-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) 1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only) Dn-board Storage Built-in micro SD/SDHC/SDXC slot, up to 256 GB	Alarm	2 input, 2 outputs (max. 24 VDC, 1 A)
Video Output1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only)On-board StorageBuilt-in micro SD/SDHC/SDXC slot, up to 256 GB	Audio	-IZHSY: 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,
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	1 Vp-p Composite Output(75 Ω/CVBS)(For debugging only)
	On-board Storage	
	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	
Basic Event	Motion detection, video tampering alarm, vibration detection, exception (network 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°;
- b	Up to 3 face libraries with up to 30000 faces each are configurable;
Face Recognition	Recognizes face identity via face modeling, grading and comparing to those in face
	library;
	Supports face library encryption.
NAVILLE Assess to the 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
Face 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
	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)
	Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag
	etc.
General	Halandan ETD/NAC/management 1 and 11
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm
	output, trigger recording, trigger capture
	Trigger recording: memory card, network storage, pre-record and post-record
	Trigger captured pictures uploading: FTP, SFTP, HTTP, NAS, Email
Online Ungrade	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, 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 \pm 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	3-core terminal block
Camera Material	Aluminum alloy body
Comoro Dimonolos	Without -Y: Ø144 × 347 mm (Ø5.7" × 13.7")
Camera Dimension	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 of intrusion detection, line crossing detection, region entrance detection,
Metadata	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)
	UL (UL 60950-1); CB (IEC 60950-1:2005 + Am 1:2009 + Am 2:2013); CE-LVD (EN
Safety	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	IK10 (IEC 62262:2002), IP67 (IEC 60529-2013)
Automotive and Railway	With -R: EN50121-4
Anti-Corrosion Protection	With -Y: NEMA 4X(NEMA 250-2018)
Other	With -Y: PVC FREE

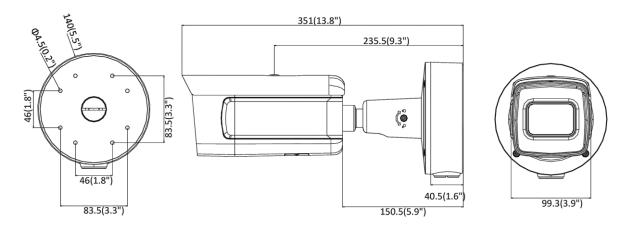
Available Model

iDS-2CD7A86G0-IZHS (2.8 to 12 mm), iDS-2CD7A86G0-IZHS (8 to 32 mm), iDS-2CD7A86G0-IZHSY (2.8 to 12 mm), iDS-2CD7A86G0-IZHSY (8 to 32 mm), iDS-2CD7A86G0-IZHSYR (8 to 32 mm)

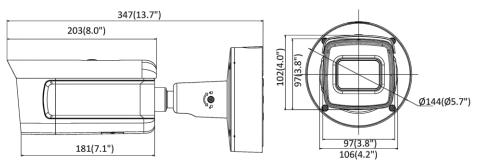


Dimension

-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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