

DS-2DF8425IX-AEL(W) (C) 4MP 25× Network IR Speed Dome

























Hikvision DS-2DF8425IX-AEL(W) 4MP 25× Network IR Speed Dome adopts 1/1.8" progressive scan CMOS chip. With the 25× optical zoom lens, the camera offers more details over expansive areas.

This series of cameras can be widely used for wide ranges of high-definition, such as the rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations and large venues, etc.

Key Features

- 1/1.8" progressive scan CMOS
- Up to 2560 × 1440 resolution
- Min. Illumination:
 Color: 0.002 Lux @(F1.5, AGC ON)
 B/W: 0.0002 Lux @(F1.5, AGC ON)
 0 Lux with IR
- 25× optical zoom, 16× digital zoom
- WDR, 3D DNR, HLC, Smart IR
- 24 VAC & Hi-PoE
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Support rapid focus
- Deep-learning-based target classification algorithm for auto-tracking 2.0 and perimeter protection
- IK10, IP67





Specification

Image Sensor	Camera Module					
Color: 0.002 Lux @(F1.5, AGC ON)	Image Sensor	1/1.8" progressive scan CMOS				
Shutter Time 1/1 s to 1/30,000 s White Balance 1/1 s to 1/30,000 s Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp AGC Auto/Manual Day & Night IR cut filter Digital Zoom 16× Privacy Mask 24 programmable polygon privacy masks, mask color or mosaic configurable Focus Mode Auto/Semi-automatic/Manual 3D DNR Yes BLC Yes HLC Yes HLC Yes WDR 120 dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Focus Yes Regional Focus Yes Regional Focus Yes Lens Focal Length 5.7 mm to 142.5 mm, 25× Optical Zoom Speed Approx. 3.7s (optical lens, wide-tele) Horizontal field of view: 51.1° to 2.5° (wide-tele) Vertical field of view: 51.1° to 2.5° (wide-tele) Working Distance 10 mm to 1500 mm (wide-tele) Aperture Range F1.5 to F3.5 PTZ Movement Range (Pan) Pan Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s Movement Range (Tilt) Frose Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s Proportional Zoom Presets 300 Patrol Scan Aptron Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Yes						
Shutter Time 1/1 s to 1/30,000 s White Balance Auto/Manual/ATW (Auto-tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp AGC Auto/Manual Day & Night IR cut filter Oligital Zoom 16× Privacy Mask 24 programmable polygon privacy masks, mask color or mosaic configurable Focus Mode Auto/Semi-automatic/Manual 3D DNR Yes BLC Yes HLC Yes WDR 120 dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Focus Yes Regional Focus Yes Regional Focus Yes Lens Yes Lost Yes Lost Yes Regional Focus Yes Regional Focus Yes Regional Focus Yes Lens Yes Lost Yes Lens Yes Lens Yes Lens <td>Min. Illumination</td> <td colspan="3">- , , ,</td>	Min. Illumination	- , , ,				
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Pattern Scan 4 pattern scans, record time over 10 minutes for each scan Power-off Memory: Support Park Action Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Yes	Presets	300				
Power-off Memory: Park Action PTZ Status Display Support Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Support Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display	Patrol Scan					
Park Action PTZ Status Display Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display	Pattern Scan					
PTZ Status Display Yes	Power-off Memory:	Support				
PTZ Status Display Yes	Davida Alakiran	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama				
	Park Action	Scan				
Preset Freezing Yes	PTZ Status Display	Yes				
	Preset Freezing					
Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output	Scheduled Task	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama				
Smart Features	Smart Features	Scan, Dome Nebboty Dome Adjusty Adv. Odtput				
Intrusion, Line Crossing, Region Entrance, Region Exiting	J31 6 1 Gatta1 G0	Intrusion, Line Crossing, Region Entrance, Region Exiting				
	Perimeter Protection					
		Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.				
Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio						
Exception Detection	EVENT DETECTION					
Smart Tracking Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking	Smart Tracking	Manual Tracking, Auto Tracking (support tracking specified target types such as human and vehicle), Event Tracking				



RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream RO Eight fixed region for each stream Soltz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Soltz: 25fps (704 × 480, 640 × 480, 352 × 240) Soltz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) Soltz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Soltz: 30fps (1920 × 180	Smart Record	ANR (Automatic Network Replenishment), Dual-VCA				
IR Distance						
Smart IR Yes Network Network Main Stream 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (704 × 480, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240) SVC Yes Video Compression Main Stream + 1,265/H, 256/H, 256/H, 264/HE, 264 Audio compression Amin Stream: H, 265/H, 256/H, 266/HP, 264 Third Stream: H, 265/H, 266/HP, E6 Third Stream: H, 265/H, 266/HP, E6 Audio compression Fitzlaw, Grizulaw, Griz	IR					
Max. Resolution 2560 × 1440	IR Distance	200 m				
Max. Resolution 2560 × 1440	Smart IR					
Main Stream 2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Main Stream 50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 80, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) SVC Yes Main Stream: H.265Hz65HL264MJPE Tird Stream: H.265Hz66HJPE Hz64 with Baseline/Main/High Profile Audio compression G.711alaw/G.722.1/G.726/MP2L2/PCM Protocols IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPRP, SMMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, CPP, DPLCP, PPDeC, UPP, IGMP, IGMP, IGMP, Bonjour User/Host 3 levels: Administrator, Operator and User User J Stream: Letter (19 by 10 to 32 users) 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; items Settle 80.2 x port-based network access control; IP address filtering System Integration Alarm Linkage 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω						
Solh:: 25fps (2560 x 1440, 2048 x 1536, 1920 x 1080, 1280 x 960, 1280 x 720)		2560 × 1440				
Sub-Stream 50Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 280) Third Stream 50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) SVC Yes Main Stream: H.265J+I.264JMJPE Author Stream: H.265J+I.264JMJPE Video Compression G.711alaw/G.711ulaw/G.722.1/G.726/MJPE Audio compression G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM Protocols IPV4/IPV6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTCP, RTP, PTPIRS, 802.1x, Qos, FTP, SMTP, UPNP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCPJR, DHCP, PPPOE, UPP, IGMP, IGMP, IGMP, IGMP, Bonjour User Jule of Up to 32 users 3 levels: Administrator, Operator and User Upser authentication (ID and PW), Host authentication (IMAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card Video Record, Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage		50Hz: 25fps (2560 × 1440, 2048 × 1536, 1920 × 1080, 1280 × 960, 1280 × 720)				
SVC Yes Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265+/H.264/MJPE H.264 with Baseline/Main/High Profile Audio compression G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM Protocols RTP, RTP, TTP, HTTP, 802 1.x, Qos. PTP, SMTP, UPAP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TTCP/IP, DHCP, PPDE, UDP, IGMP, ICMP, Bonjour Simultaneous Live View Up to 32 users 3 levels: Administrator, Operator and User 2 user authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x ports, PTP, SMTP, UPAP, Bonjour System Integration Alarm Interface 7-ch alarm input/2-ch alarm output 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 R45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, ISAPI, SDK Linguage (Web Browser Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Language (Web Browser Access) Language (Web Browser Access) 23 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) Power 42 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater	Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288)				
Video Compression Main Stream: H.265/H.264/H.JEG Sub-Stream: H.265/H.264/MIPE H.265/H.264/MIPE H.264 with Baseline/Main/High Profile Audio compression G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM Protocols IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPDE, UDP, IGMP, ICMP, Bonjour Simultaneous Live View Up to 32 users 3 levels: Administrator, Operator and User User/Host User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface Alarm Interface 7-ch alarm input/2-ch alarm output Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Elinkage Alarm actions, such as preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 R45 10 M/100 M Ethernet Interface; Hi-PoE Ves Yes RS-4	Third Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288)				
Video Compression Sub-Stream: H.265/H.264/MJPE Third Stream: H.265/H.264/MJPE H.264 with Baseline/Main/High Profile Audio compression G.711alawyG.711ulawyG.722.1/G.726/MP2L2/PCM Protocols IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPOE, UDP, IGMP, ICMP, Bonjour Simultaneous Live View Up to 32 users User/Host 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface Audio Interface 7-ch alarm input/2-ch alarm output Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKWISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T, ISAPI, SDK <t< td=""><td>SVC</td><td>Yes</td></t<>	SVC	Yes				
Audio compression G.711alaw/G.712.1/G.726/MP2L2/PCM Protocols Prot/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, ICMP, Bonjour Simultaneous Live View Up to 20 channels Up to 32 users 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface 7-ch alarm input/2-ch alarm output	Video Compression	Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPE				
Protocols IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, DHCP, PPPoE, UDP, IGMP, ICMP, Bonjour Simultaneous Live View Up to 20 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface Audio Interface 7-ch alarm input/2-ch alarm output 4.1 - ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 4.2 - ch audio output, line level, impedance: 600 Ω 4.3 Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RI45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes Storage HIKVISION, Pelco-P, Pelco-D, Self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client IVMS-4200, IVMS-4500, IVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General <td>Audio compression</td> <td>-</td>	Audio compression	-				
Simultaneous Live View Up to 20 channels User/Host Up to 32 users 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration 7-ch alarm input/2-ch alarm output Alarm Interface 7-ch alarm input/2-ch alarm output Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 R145 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client IVMS-4200, IVMS-4500, IVMS-5200, Hik-Connect Web Browser 18 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 28 languages Language (Web Browser Access) English, Russian, Estonian, Bulgarian, Hungarian, Greek, Ger	•	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP,				
User/Host Up to 32 users 3 levels: Administrator, Operator and User Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration 7-ch alarm input/2-ch alarm output Audio Interface 7-ch alardio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RI45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client IVMS-4200, IVMS-4500, IVMS-5200, Hik-Connect Web Browser 1E 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General Language (Web Browser Access) 22 languages. English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, French, Polish, Dutch, Port	Simultaneous Live View	-				
Security Measures Security Measures User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface 7-ch alarm input/2-ch alarm output 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage Alarm L		-				
Security Measures IEEE 802.1x port-based network access control; IP address filtering System Integration Alarm Interface 7-ch alarm input/2-ch alarm output Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 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 (Brazilla) Power	User/Host	3 levels: Administrator, Operator and User				
Alarm Interface 7-ch alarm input/2-ch alarm output Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% Alarm Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client IVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 languages. Language (Web Browser Access) English, Russian, Estonian, Bulgarian, Hungarian, Greek, German, Italian, Czech, Slovak, French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norwegian, Frinnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, Thai, Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil) Power 24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity ≤ 95% Working Humidity	Security Measures IEEE 802.1x port-based network access control; IP address filtering					
Audio Interface 1-ch audio input, 2 to 2.4 V[p-p], 1 KΩ ± 10% 1-ch audio output, line level, impedance: 600 Ω Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client IVMS-4200, IVMS-4500, IVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 languages. Language (Web Browser Access) 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) Power 24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity<	_					
Alarm Linkage Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 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) Power 24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity 295% Protection Level Dimensions 4 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Alarm Interface					
Alarm Linkage Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc. Network Interface 1 RJ45 10 M/100 M Ethernet Interface; Hi-PoE CVBS Yes RS-485 HIKVISION, Pelco-P, Pelco-D, self-adaptive Storage Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR API ONVIF (Profile S, Profile G, Profile T), ISAPI, SDK Client iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 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) Power 24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity ≤ 95% Protection Level IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Audio Interface	1-ch audio output, line level, impedance: 600Ω				
Network Interface1 RJ45 10 M/100 M Ethernet Interface; Hi-PoECVBSYesRS-485HIKVISION, Pelco-P, Pelco-D, self-adaptiveStorageBuilt-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANRAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKClientiVMS-4200, iVMS-4500, iVMS-5200, Hik-ConnectWeb BrowserIE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+General32 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)PowerHi-PoE (Max. 60 W, including max. 18 W for IR and max. 6 W for heater)Working TemperatureOutdoor: -40°C to 70°C (-40°F to 158°F)Working Humidity≤ 95%Protection LevelIP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient ProtectionDimensionsΦ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Alarm Linkage	Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send				
CVBSYesRS-485HIKVISION, Pelco-P, Pelco-D, self-adaptiveStorageBuilt-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANRAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKClientiVMS-4200, iVMS-4500, iVMS-5200, Hik-ConnectWeb BrowserIE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+GeneralLanguage (Web Browser Access)32 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)Power24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater)Working TemperatureOutdoor: -40°C to 70°C (-40°F to 158°F)Working Humidity≤ 95%Protection LevelIP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient ProtectionDimensionsΦ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Network Interface					
StorageBuilt-in memory card slot, support Micro SD/SDHC/SDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANRAPIONVIF (Profile S, Profile G, Profile T), ISAPI, SDKClientiVMS-4200, iVMS-4500, iVMS-5200, Hik-ConnectWeb BrowserIE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+General32 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)Power24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater)Working TemperatureOutdoor: -40°C to 70°C (-40°F to 158°F)Working Humidity≤ 95%Protection LevelIP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient ProtectionDimensionsΦ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	CVBS					
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Client iVMS-4200, iVMS-4500, iVMS-5200, Hik-Connect Web Browser IE 8 to 11, Chrome 31.0+, Firefox 30.0+, Edge 16.16299+, Safari 11+ General 32 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) Power 24 VAC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater) Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity ≤ 95% Protection Level IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	API					
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Power Hi-PoE (Max. 50 W, including max. 18 W for IR and max. 6 W for heater) Working Temperature Outdoor: -40°C to 70°C (-40°F to 158°F) Working Humidity ≤ 95% Protection Level IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Language (Web Browser	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,				
Working Humidity ≤ 95% Protection Level IP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient Protection Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Power					
Protection LevelIP67 Standard, IK10 (only supported by camera without wiper), 6,000V Lightning Protection, Surge Protection and Voltage Transient ProtectionDimensionsΦ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Working Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)				
Protection Level Protection, Surge Protection and Voltage Transient Protection Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Working Humidity	≤ 95%				
Dimensions Φ 266.6 mm × 410 mm (Φ 10.50" × 16.14")	Protection Level					
	Dimensions					
	Weight	Approx. 8 kg (17.64 lb)				



DORI

The DORI (detect, observe, recognize, identify) distance gives the general idea of the camera ability to distinguish persons or objects within its field of view.

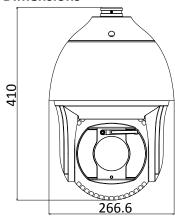
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

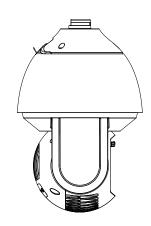
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	2375.0 m (7792.0 ft)	942.5 m (3092.19 ft)	475.0 m (1558.4 ft)	237.5 m (779.2 ft)

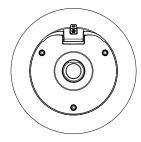
Order Model

DS-2DF8425IX-AEL (C), without wiper, 24 VAC & Hi-PoE DS-2DF8425IX-AELW (C), with wiper, 24 VAC & Hi-PoE

Dimensions







Unit: mm



Accessory Included:



Installation Adapter

Optional:



DS-1604ZJ Wall Mount



DS-1660ZJ **Parapet Mount**



Distributed by

DS-1663ZJ **Ceiling Mount**



DS-1604ZJ-box Wall Mount with Junction Box



DS-1619ZJ Gooseneck Mount



DS-1667ZJ Extendable Pole for **Pendant Mount**



DS-1604ZJ-box-pole Vertical Pole Mount with **Junction Box**



DS-1661ZJ **Pendant Mount**



DS-1673ZJ Horizontal Pole Mount



LAS60-57CN-RJ45 Hi-PoE Midspan



DS-1604ZJ-box-corner Corner Mount with Junction Box



DS-1662ZJ **Pendant Mount**



DS-1682ZJ Extendable Pole for **Pendant Mount**



TEAC-66-243000V (EU) MKAC-66-243000U (USA) TEAC-66-243000VB (UK) **Power Adapter**

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