

# DS-2DF8225IX-AEL(W) (B) 2MP 25× Network IR Speed Dome

























Hikvision DS-2DF8225IX-AEL(W) 2MP 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 1920 × 1080 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
- 120dB 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
- IP67, IK10





### Specification

Image Sensor	Camera Module					
Min. Illumination    Shutter Time   3/1 s to 1/30,000 s	Image Sensor	1/1.8" progressive scan CMOS				
OLUX with IR   1/1 s to 1/30,000 s		Color: 0.002 Lux @(F1.5, AGC ON)				
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           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           WDR         120dB           Optical Defog         Yes           EIS         Yes           Regional Exposure         Yes           Regional Exposure         Yes           Regional Exposure         Yes           Regional Focus         Yes           Rapid Focus         Yes           Regional Focus         Yes           Rapid Focus         Yes           Horizontal field of view: 35.0° to 1.0° (wide-tele)           John to 142.5 mm, 25 x Optical         200           Focal Length         5.7 mm to 142.5 mm, 25 x Optical           Zoom Speed         Approx. 3.75 (optical lens, wide-tele)           Horizontal field of view: 35.0° to 2.8° (wide-tele)	Min. Illumination	B/W: 0.0002 Lux @(F1.5, AGC ON)				
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 30 DNR Yes BLC Yes HLC Yes HLC Yes HLC Yes HLC Yes HCC Yes Regional Exposure Yes Regional Exposure Yes Regional Focus Yes Lors Lors Lors Lors Lors Lors Lors Lor						
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 HLC Yes HLC Yes Regional Exposure Yes Regional Focus Yes Regional Focus Yes Lens Focal Length 5.7 mm to 142.5 mm, 25× Optical Zoom Speed Approx. 3.7 s (optical lens, wide-tele) Horizontal field of view: 59.8" to 2.8" (wide-tele) Field of View Diagonal field of view: 68.6" to 3.2" (wide-tele) Working Distance 10 mm to 1500 mm (wide-tele) Approture Range F1.5 to F3.4 PTZ Movement Range (Pan) Pan Speed Configurable, from 0.1"/s to 150"/s, Preset Speed: 280"/s Movement Range (Till) From-20" to 90" Till Speed Configurable, from 0.1"/s to 150"/s, Preset Speed: 250"/s Proportional Zoom Preset's 300 Pattor Scan & Pattors, scan, Fecord time over 10 minutes for each scan Pattor Scan & Pattors Scan, Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Yes Preset Freezing Yes Scheduled Task Scan/Dome Reboot/Dome Adjust/Aux Output  Event Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Shutter Time					
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 HLC Yes HLC Yes Regional Exposure Yes Regional Exposure Yes Regional Focus Yes Focal Length 5.7 mm to 142.5 mm, 25× Optical Zoom Speed Approx. 3.7 s (optical lens, wide-tele) Horizontal field of view: 68.6° to 3.2° (wide-tele) Diagonal field of view: 68.6° to 3.2° (wide-tele) Diagonal field of view: 68.6° to 3.2° (wide-tele) Diagonal Focus 3.6° to 16° (wide-tele) Diagonal Focus 3.6° to 1.6° (wide-tele) Diagonal Focus 4.0° (wide-tele) Diagonal Focus 5.6° to 3.2° (wide-t	White Balance					
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           WDR         1 20d8           Optical Defog         Yes           EIS         Yes           Regional Exposure         Approx. 3.7 s (optical lens, wide-tele)           Horizontal field of view. 36.7 s. derical ens.         Yes (wide-tele) <t< td=""><td></td><td></td></t<>						
Digital Zoom 16x 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 120dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Exposure Yes Regional Focus Yes Regional Focus Yes Lens Focal Length 5.7 mm to 142.5 mm, 25× Optical Zoom Speed Approx. 3.7 s (optical lens, wide-tele) Horizontal field of view: 59.8 °t to 2.8 °(wide-tele) Horizontal field of view: 59.8 °t to 2.8 °(wide-tele) Working Distance 10 mm to 1500 mm (wide-tele) Diagonal field of view: 68.6 °t to 3.2 °(wide-tele)  Working Distance 10 mm to 1500 mm (wide-tele) For Soe						
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3D DNR  BLC  Yes  HLC  Yes  WDR  120dB  Optical Defog  Yes  EIS  Yes  Regional Exposure  Regional Focus  Focal Length  5.7 mm to 142.5 mm, 25× Optical  Zoom Speed  Approx. 3.7 s (optical lens, wide-tele)  Horizontal field of view: 59.8° to 3.2° (wide-tele)  Field of View  Diagonal field of view: 33.6° to 1.6° (wide-tele)  Working Distance  Aperture Range  F1.5 to F3.4  PTZ  Movement Range (Pan)  San Go' endless  Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s  Movement Range (Tilt)  Freset Speed  Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s  Proportional Zoom  Patrol Scan  B a patrols, up to 32 presets for each patrol  Pattern Scan  4 pattern scans, record time over 10 minutes for each scan  Power-off Memory:  Yes  Preset Freezing  Preset Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan  Preset Freezing  Yes  Scheduled Task  Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting  Line Lacking  Manual Tracking, Auto Tracking (support tracking specified target types such as human and						
BLC Yes HLC Yes WDR 120dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Focus Yes Focal Length S.7 mm to 142.5 mm, 25× Optical Focal Length S.7 mm to 142.5 mm						
HLC WDR 120dB Optical Defog Yes EIS Yes Regional Exposure Yes Regional Focus Yes Rapid Focus Ves Lens Ves Lens Vertical field of view: 59.8° to 2.8° (wide-tele) Horizontal field of view: 59.8° to 2.8° (wide-tele) Vertical field of view: 59.8° to 3.2° (wide-tele) Vertical field of view: 59.8° to 3.2° (wide-tele) Vertical field of view: 59.8° to 3.2° (wide-tele) Vertical field of view: 58.6° to 3.2° (wide-tele) Vorking Distance Aperture Range PTS Wovement Range PTS Movement Range (Pan) Form -20° to 90° Tilt Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s Movement Range (Tilt) From -20° to 90° Tilt Speed Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s Proportional Zoom Yes Presets 300 Patrol Scan 8 patrols, up to 32 presets for each patrol Pattern Scan 4 pattern scans, record time over 10 minutes for each scan Power-off Memory: Yes Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan PTZ Status Display Yes Preset Freezing Yes Scheduled Task Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting 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. Event Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and		Yes				
WDR         120dB           Optical Defog         Yes           EIS         Yes           Regional Exposure         Yes           Regional Focus         Yes           Rapid Focus         Yes           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         5.7 mm to 142.5 mm, 25× Optical           Foral Length         4 portional Length         4 portional Length           Foral Length         4 portional Length         5 portional Length         5 portional Length         5 portional Length         5 portional L		Yes				
Optical Defog         Yes           EIS         Yes           Regional Exposure         Yes           Regional Focus         Yes           Rapid Focus         Yes           Lens         Focal Length         5.7 mm to 142.5 mm, 25× Optical           Zoom Speed         Approx. 3.7 s (optical lens, wide-tele)           Horizontal field of view: 59.8° to 2.8° (wide-tele)           Field of View         Vertical field of view: 59.8° to 2.8° (wide-tele)           Working Distance         10 mm to 1500 mm (wide-tele)           Aperture Range         F1.5 to F3.4           PTZ         Movement Range (Pan)           Movement Range (Pan)         \$60° endless           Pan Speed         Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s           Movement Range (Tilt)         From -20° to 90°           Tilt Speed         Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s           Proportional Zoom         Yes           Presets         300           Pattern Scan         8 patrols, up to 32 presets for each patrol           Pattern Scan         4 pattern scans, record time over 10 minutes for each scan           Power-off Memory:         Yes           Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan						
EIS Yes Regional Exposure Yes Regional Focus Yes Rapid Focus Yes Rapid Focus Yes Lens Focal Length 5.7 mm to 142.5 mm, 25× Optical Zoom Speed Approx. 3.7 s (optical lens, wide-tele) Horizontal field of view: 59.8° to 2.8° (wide-tele) Field of View Vertical field of view: 33.6° to 1.6° (wide-tele) Working Distance 10 mm to 1500 mm (wide-tele) Working Distance 10 mm to 1500 mm (wide-tele) Aperture Range F1.5 to F3.4 PTZ Movement Range (Pan) 360° endless Pan Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s Movement Range (Tilt) From -20° to 90° Tilt Speed Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s Proportional Zoom Yes Presets 300 Patrol Scan 8 patrols, up to 32 presets for each patrol Pattern Scan 4 pattern scans, record time over 10 minutes for each scan Power-off Memory: Yes Preset Freezing Yes Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan Preset Freezing Yes Scheduled Task University Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Perimeter Protection Intrusion, Line Crossing, Region Entrance, Region Exiting 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.  Event Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and		120dB				
Regional Exposure         Yes           Regional Focus         Yes           Rapid Focus         Yes           Lens         Focal Length         5.7 mm to 142.5 mm, 25× Optical           Zoom Speed         Approx. 3.7 s (optical lens, wide-tele)           Horizontal field of view: 59.8° to 2.8° (wide-tele)           Field of View         Vertical field of view: 33.6° to 1.6° (wide-tele)           Working Distance         10 mm to 1500 mm (wide-tele)           Aperture Range         F1.5 to F3.4           PTZ           Movement Range (Pan)         360° endless           Pan Speed         Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s           Movement Range (Tilt)         From -20° to 90°           Tilt Speed         Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s           Proportional Zoom         Yes           Presets         300           Pattern Scan         8 patrols, up to 32 presets for each patrol           Pattern Scan         4 pattern scans, record time over 10 minutes for each scan           Power-off Memory:         Yes           Park Action         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/R						
Regional Focus Yes Rapid Focus Yes  Focal Length 5.7 mm to 142.5 mm, 25× Optical  Zoom Speed Approx. 3.7 s (optical lens, wide-tele)  Horizontal field of view: 59.8° to 2.8° (wide-tele)  Yertical field of view: 59.8° to 2.8° (wide-tele)  Working Distance 10 mm to 1500 mm (wide-tele)  Aperture Range F1.5 to F3.4  PTZ  Movement Range (Pan) 360° endless Pan Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s  Movement Range (Itil) From -20° to 90°  Tilt Speed Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s  Proportional Zoom Yes  Presets 300  Pattor Scan 8 patrols, up to 32 presets for each patrol  Pattern Scan 4 pattern scans, record time over 10 minutes for each scan  Power-off Memory: Yes  Preset Freezing Yes  Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Event Detection Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Finant Tracking Manual Tracking, Auto Tracking (support tracking specified target types such as human and		Yes				
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Evens         5.7 mm to 142.5 mm, 25× Optical           Focal Length         5.7 mm to 142.5 mm, 25× Optical           Zoom Speed         Approx. 3.7 s (optical lens, wide-tele)           Horizontal field of view: 59.8° to 2.8° (wide-tele)           Field of View         Vertical field of view: 59.8° to 1.6° (wide-tele)           Working Distance         10 mm to 1500 mm (wide-tele)           Aperture Range         F1.5 to F3.4           PTZ           Movement Range (Pan)         360° endless           Pan Speed         Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s           Movement Range (Tilt)         From -20° to 90°           Tilt Speed         Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s           Prosets         300           Patrol Scan         8 patrols, up to 32 presets for each patrol           Pattern Scan         4 pattern scans, record time over 10 minutes for each scan           Power-off Memory:         Yes           Park Action         Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Scan/Dome Reboot/Dome Adjust/Aux Output           Scheduled Task         Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output           Smart Features         Intrusion, Line Crossing, Region Entrance, Region Exiting           <						
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Zoom Speed Approx. 3.7 s (optical lens, wide-tele)  Horizontal field of view: 59.8° to 2.8° (wide-tele)  Vertical field of view: 33.6° to 1.6° (wide-tele) Diagonal field of view: 68.6° to 3.2° (wide-tele)  Working Distance 10 mm to 1500 mm (wide-tele)  Aperture Range F1.5 to F3.4  PTZ  Movement Range (Pan) 360° endless Pan Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s  Movement Range (Tilt) From -20° to 90° Tilt Speed Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s  Proportional Zoom Yes  Presets 300 Patrol Scan 8 patrols, up to 32 presets for each patrol Pattern Scan 4 pattern scans, record time over 10 minutes for each scan  Power-off Memory: Yes  Prask Action Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan  PTZ Status Display Yes  Preset Freezing Yes  Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting 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.  Event Detection Manual Tracking, Auto Tracking (support tracking specified target types such as human and						
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Working Distance 10 mm to 1500 mm (wide-tele)  Aperture Range F1.5 to F3.4  PTZ  Movement Range (Pan) 360° endless  Pan Speed Configurable, from 0.1°/s to 210°/s, Preset Speed: 280°/s  Movement Range (Tilt) From -20° to 90°  Tilt Speed Configurable, from 0.1°/s to 150°/s, Preset Speed: 250°/s  Proportional Zoom Yes  Presets 300  Patrol Scan 8 patrols, up to 32 presets for each patrol  Pattern Scan 4 pattern scans, record time over 10 minutes for each scan  Power-off Memory: Yes  Park Action Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan  PTZ Status Display Yes  Preset Freezing Yes  Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting Support alarm triggering by specified target types (human and vehicle)  Filtering out mistaken alarm caused by target types und as leaf, light, animal, and flag, etc.  Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Field of View	· · · · · · · · · · · · · · · · · · ·				
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Park Action  Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan  PTZ Status Display  Preset Freezing  Yes  Scheduled Task  Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting  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.  Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Smart Tracking  Manual Tracking, Auto Tracking (support tracking specified target types such as human and		4 pattern scans, record time over 10 minutes for each scan				
PTZ Status Display Preset Freezing Yes  Scheduled Task Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features Intrusion, Line Crossing, Region Entrance, Region Exiting 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.  Event Detection Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Power-off Memory:	7.7				
PTZ Status Display Preset Freezing Yes  Scheduled Task  Smart Features  Perimeter Protection  Event Detection  Smart Tracking  Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Dome Reboot/Dome Adjust/Aux Output  Intrusion, Line Crossing, Region Entrance, Region Exiting 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.  Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Park Action	Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama				
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Scan/Dome Reboot/Dome Adjust/Aux Output  Smart Features  Intrusion, Line Crossing, Region Entrance, Region Exiting 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.  Event Detection  Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Manual Tracking, Auto Tracking (support tracking specified target types such as human and	-					
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Event Detection  Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio Exception Detection  Smart Tracking  Manual Tracking, Auto Tracking (support tracking specified target types such as human and		Support alarm triggering by specified target types (human and vehicle)				
Exception Detection  Smart Tracking  Manual Tracking, Auto Tracking (support tracking specified target types such as human and		Filtering out mistaken alarm caused by target types such as leaf, light, animal, and flag, etc.				
Smart Tracking Manual Tracking, Auto Tracking (support tracking specified target types such as human and	Event Detection	Unattended Baggage Detection, Object Removal Detection, Face Detection, Audio				
	Smart Tracking					



Smart Record	ANR (Automatic Network Replenishment), Dual-VCA				
ROI	Eight fixed region for each stream				
IR					
IR Distance	200 m				
Smart IR	Yes				
Network					
Max. Resolution	1920 × 1080				
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 50fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720) 60fps (1920 × 1080, 1280 × 960, 1280 × 720)				
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)				
Third Stream	50Hz: 25fps (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				
Video Compression	Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG 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, 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	7-ch alarm input/2-ch alarm output				
Audio Interface	1-ch audio input, 2 to 2.4 V[p-p], 1 K $\Omega$ ± 10% 1-ch audio output, line level, impedance: 600 $\Omega$				
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, Czec French, Polish, Dutch, Portuguese, Spanish, Romanian, Danish, Swedish, Norv Finnish, Croatian, Slovenian, Serbian, Turkish, Korean, Traditional Chinese, The Vietnamese, Japanese, Latvian, Lithuanian, Portuguese (Brazil)					
	24 V, 3.0A, 50/60Hz, AC (Max. 60 W, including max. 18 W for IR and max. 6 W for heater)				
Power	Hi-PoE, 42.5 to 57V,1.41A (Max. 50 W, including max. 18 W for IR and max. 6 W for heater				
Working Temperature	Hi-PoE, 42.5 to 57V,1.41A (Max. 50 W, including max. 18 W for IR and max. 6 W for heater Outdoor: -40°C to 70°C (-40°F to 158°F)				
Working Temperature	Outdoor: -40°C to 70°C (-40°F to 158°F)				



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.

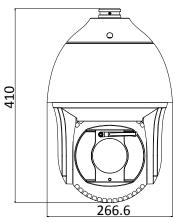
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

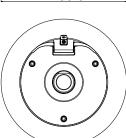
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	1493.3 m (4899.4 ft)	592.6 m (1944.2 ft)	298.7 m (979.9 ft)	149.3 m (489.9 ft)

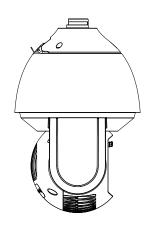
#### **Order Model**

DS-2DF8225IX-AEL (B), without wiper, 24 VAC & Hi-PoE DS-2DF8225IX-AELW (B), with wiper, 24 VAC & Hi-PoE

#### **Dimensions**







Unit: mm



## Accessory Included:



**Installation Adapter** 

#### Optional:



DS-1604ZJ Wall Mount



DS-1660ZJ Parapet Mount



**Ceiling Mount** 

Distributed by

DS-1663ZJ



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



#### Headquarters

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