

#### DS-2DF8C842IXS-AELW(T2)

## 8 MP 42x Network IR Speed Dome

**DarkFighter** 

HIKVISION

Hikvision's DS-2DF8C842IXS-AELW(T2) 8 MP 42x Network IR Speed Dome adopts a 1/1.2" progressive scan CMOS chip. With the 42x optical zoom lens, the camera offers more details over expansive areas. This camera can be widely used for wide high-definition ranges such as rivers, forests, roads, railways, airports, ports, squares, parks, scenic spots, stations, large venues, etc.

#### Available Model

DS-2DF8C842IXS-AFI W(T2)

- 1/1.2" Progressive Scan CMOS
- Up to 3840 × 2160 Resolution
- Minimum Illumination: Color: 0.002 Lux @ (f/1.6, AGC On), B/W: 0.0002 Lux @ (f/1.6, AGC On), 0 Lux with IR
- 42x Optical Zoom, 16x Digital Zoom
- 120 dB WDR, 3D DNR, EIS, HLC, Smart IR
- 24 VAC and Hi-PoE
- Up to 1,640' (500 m) IR Distance
- H.265+/H.265 Video Compression
- Rapid Focus
- IP67, IK10 (Excluding Glass Window)
- Detects up to 30 Faces at the Same Time. Detecting, Tracking, Capturing, Grading, Select Face in Motion, and Output Best Face Picture.
- Person Arming: Real-Time Modeling and Comparison, Arms and Tracks Predefined Persons, and Uploads Longitude and Latitude































## **Specifications**

Camers   Module   Image Service   171.2   Progressive scan CMUS   Color 0.002 lux @ 1/1.6   A6C on 1.0 lux with IR		DS-2DF8C842IXS-AELW(T2)
Minimum Illuminators	Camera Module	DO EDI GOO IEMO MEETI(IE)
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Shurk Shurker		
Slow Shutter Focus Semi-auto, manual, auto Day/Might Day, night, surto, scheduled-switch BLC Yes WR 120 db WR HLC Yes 3D MR Yes 3D MR Yes 4D MR 120 db WR HLC Yes 3D MR Yes 4D MR 120 db WR HLC Yes 3D MR 120 db WR HLC Yes 4D		
Focus Day/Might Sixth Day/ Night, suto, scheduled-switch Buy/ Night Sixth Day Night, auto, scheduled-switch Buy Night Sixth Day Night, auto, scheduled-switch Buy Night Sixth Day Night, auto, scheduled-switch Buy Night Sixth Day Night Sixt		
Day/Night   Day night, auto, scheduled-switch   BLC   Yes   Wilds   Day Night   Day night, auto, scheduled-switch   BLC   Yes   Wilds   Day Night   Day night, auto, scheduled-switch   BLC   Yes   Wilds   Day Night   Day		
Day, Night Switch  WIRK  WIRK  120 dB WDR  HLC  So DNR  Wes  Defore  Els  Regional Exposure  Winter Balance  Ditate Izon		
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Defog   Ves   EIS   Ves   built-in gyroscope to improve EIS performance   Regional Exposure   Ves   Regional Focus   Ves   Image Settings   Saturation, brightness, contrast, sharpness   White Balance   Auto-ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB   Digital Zoom   16x   Optical Zoom   42x   Privacy Mask   Up to 24 masks, polygon region, mosaic mask, mask color configurable   S5 dB   General Function   Optical Defog   Wirror, password protection, video tampering alarm, watermark, IP address filter   Optical Defog   Company   Optical Protection   Optical Defog   Company   Optical Protection   Optical Defog   Optical Protection   Opt		
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Regional Exposure Regional Focus Image Settings White Balance Digital Zoom Optical Erion Uniform Optical Erion Iens Focal Lenath Zoom Speed Horizontal field of view: 60.4° to 1.7° [wide-tele], Vertical field of view: 60.4° to 1.7° [wide-tele], Vertical field of view: 63.2° to 0.9° [wide-tele], Vertical field of view: 67.8° to 2.2° [wide-tele] Pan Speed Till Speed Proportional Zoom Patters	==:-,	
Regional Focus Image Statings White Balance Digital Zoom Optical Zoom Privacy Mask SNR SNR SNR SNR Sold General Function Optical Defoo Lans Focal Length Zoom Speed Auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB SNR SNR SNR SS dB General Function Optical Defoo Lans Focal Length Zoom Speed Auto, ATW, sodium lamp, fluorescent lamp, indoor, outdoor, MWB SNR SNR SNR SS dB General Function Optical Defoo Lans Focal Length Zoom Speed Apperture FOV Vocal Length Apperture FOV Vocal Length Apperture FOV Vocal Length FOV Vocal Length Apperture FOV Voc		
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White Balance Digital Zoom Optical Zoom Optical Zoom Privacy Mask Up to 24 masks, polygon region, mosaic mask, mask color configurable SNR Soft General Functor Optical Deford Lens Focal Lenst Zoom Speed Horizontal field of view: 60.4" to 1.7" (wide-tele), Vertical field of view: 60.4" to 1.7" (wide-tele), Vertical field of view: 63.2" to 0.9" (wide-tele), Vertical field of view: 63.2" to 0.9" (wide-tele) Provement Range [Pan] Movement Range [Pan] Movement Range [Titt] Pan Speed Froportional Zoom Presets Proportional Zoom Presets Proportional Zoom Presets Scheduled Task Wideo Maximum Resolution Main Stream Sub-Stream Sub-Stream Mich Stream Sub-Stream Sub-Stream Video Maximum Resolution Mich Stream Video Compression Video		
Digital Zoom 16x Ontical Zoom 42x Privacy Mask SNR 55 dB General Function Optical Defoa 1		
Optical Zoom   Viz		
Privacy Mask SNR SS 58 G8 General Function Optical Defoay Lens Focal Length 7.5 mm to 315 mm, 42x optical Zoom Speed Approximately 7.5 s Horizontal field of view: 60.4° to 0.9° (wide-tele), Verifucial field of view: 67.8° to 0.9° (wide-tele), Verifucial field of view: 67.8° to 0.9° (wide-tele) Aperture PTZ Movement Range (Pan) Movement Range (Pan) Movement Range (Pan) Movement Range (Pan) Forbid Filt Speed Titl Speed Titl Speed Titl Speed Titl Speed Partor Scan Patteri Scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri Scan Preset, pattern scan, patrol scan, auto scan, titl scan, random scan, frame scan, panorama scan Patteri		=+
SNR 255 dB General Function Obtical Defoq Lens Focal Length Zoom Speed Approximately 7.5 s Horizontal field of view: 60.4° to 1.7° (wide-tele), Vertical field of view: 68.2° to 0.9° (wide-tele), Diagonal field of view: 68.2° (wide-tele), Diagonal field of view: 68.2		
General Function Optical Defog Lens Focal Length Zoom Speed Approximately 7.5 sm to 315 mm, 42x optical Zoom Speed Approximately 7.5 sm to 315 mm, 42x optical Approximately 7.5 sm to 31.7 sm to 41.7 sw to 42.0 sm to 42.0		
Continue		
Focal Length Focal Length For Speed Toom Speed For Vertical field of view: 60.4° to 1.7° (wide-tele), Vertical field of view: 60.8° to 2.2° (wide-tele), View Compression Movement Range (Pan) Seed Till Speed Till Speed Till Speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s, preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s; preset speed: 280°/s Till speed: configurable from 0.1° to 150°/s;		
Aperture Horizontal field of view: 80.4° to 1.7° (wide-tele), Vertical field of view: 80.4° to 1.7° (wide-tele), Vertical field of view: 36.2° to 0.9° (wide-tele), Vertical field of view: 36.2° to 0.9° (wide-tele), Vertical field of view: 67.8° to 2.2° (wide-tele), Vertical field of view: 67.8° (view-to 2.2° (vi		
Aperture Horizontal field of view: 80.4° to 1.7° (wide-tele), Vertical field of view: 80.4° to 1.7° (wide-tele), Vertical field of view: 36.2° to 0.9° (wide-tele), Vertical field of view: 36.2° to 0.9° (wide-tele), Vertical field of view: 67.8° to 2.2° (wide-tele), Vertical field of view: 67.8° (view-to 2.2° (vi	Focal Length	7.5 mm to 315 mm, 42x optical
FOV Vertical field of view: 36.2° to 0.9° (wide-tele), Diagonal field of view: 67.8° to 2.2° (wide-tele)  PTZ  Movement Range [Pan] 360° Movement Range [Pan] 360° Movement Range [Titt] -20° to 90° (auto flip) Pan Speed Tilt Speed T		Approximately 7.5 s
Diagonal field of view: 67.8° to 2.2° (wide-tele)	·	Horizontal field of view: 60.4° to 1.7° (wide_tele),
Movement Range (Pan) Move (Pan) Mo	FOV	Vertical field of view: 36.2° to 0.9° (wide—tele),
Movement Range (Pan) Movement Range (Pan) Movement Range (Titt) Pan Speed Titt Speed Titt Speed Proportional Zoom Presets Solo Patten Scan Power-off Memory Park Action Preset freezing Preset freezing Wideo Maximum Resolution Main Stream Sub-Stream OHz: 30 fps (1840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 720) Wideo Compression Wideo H.265 Hyes H.264 Hyes Roll Audio Compression Audio Audio Compression Articles Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Titt speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable from 0.1° to 210°/s, preset speed: 280°/s Fall speed: configurable		
Movement Range [Pan] Movement Range [Titt] Pan Speed Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Titt Speed Titt Speed Proportional Zoom Yes Proportional Zoom Patrol Scan Pattern Scan Power-off Memory Park Action Ports January Park Action Ports January Preset, pattern scan, patrol scan, auto scan, titt scan, random scan, frame scan, panorama scan Ports January Preset, pattern scan, patrol scan, auto scan, titt scan, random scan, frame scan, panorama scan Power-off Memory Preset, pattern scan, patrol scan, auto scan, titt scan, random scan, frame scan, panorama scan Power-off Memory Preset, pattern scan, patrol scan, auto scan, titt scan, random scan, frame scan, panorama scan Power-off Memory Preset, pattern scan, patrol scan, auto scan, titt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Video  Maximum Resolution Main Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] Third Stream Video Compression Video Compression Video Rit Rate H.264 Type H.265 Type Main profile H.265 Type Main profile H.264 Yes SVC Yes R0I Dynamic face tracking, fixed region, dynamic license plate tracking Audio  Aud		f/1.6
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Titt Speed Proportional Zoom Presets 300 Patrol Scan Patrol Scan Power-off Memory Preset Speed 250°/s Park Action 3D Positioning Preset Freezing Preset Freezing Scheduled Task Video Maximum Resolution Main Stream 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream Video Compression Video Bit Rate H.265 Type H.265 Type H.265 Type Sub-Stream Roll L.265 Type Roll Power Sub-Stream Roll Dynamic face tracking, fixed region, dynamic license plate tracking Audio Compression Audio Compression Audio Compression G.711alaw, G.721.1, G.726, MP2L2, PCM	Movement Pange (Tilt)	
Proportional Zoom Presets 300 Patrol Scan 8 patrols, up to 32 presets for each patrol 4 pattern Scan 4 pattern Scan Power-off Memory Perset, pattern scans, record time over 10 minutes for each scan Power-off Memory Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan 3D Positioning Preset pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Preset Freezing Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output    Video		-20° to 90° (auto flip)
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  3D Positioning Yes Preset Freezing Yes Scheduled Task Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, ome reboot, dome adjust, aux output  Video  Maximum Resolution 3840 × 2160 Main Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720]  Video Compression Video Bit Rate H.265 Type H.265 Type Baseline profile, main profile, high profile H.265 Type Main profile H.265 Fyes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression 6.711alaw, 6.711ulaw, 6.722.1, 6.726, MP2L2, PCM	Pan Speed	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s
Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning Prz Status Display Preset Freezing Scheduled Task Wideo Maximum Resolution Main Stream Sub-Stream Video Compression Video Compression Video Baseline profile H.265 Type H.265 Type ROI Roi Main Stream Video Baseline profile H.265 Type H.265 Yes ROI Roi Main Stream Video Baseline profile H.265 Type ROI	Pan Speed Tilt Speed	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s
Pattern Scan Power-off Memory Park Action Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task Wideo  Maximum Resolution Main Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream Off Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream Wideo  Maximum Resolution Sub-Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream 60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240] Third Stream 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ Yes H.265+ Yes SVC R0I Dynamic face tracking, fixed region, dynamic license plate tracking Audio  Audio Compression G.711alaw, G.7211ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes
Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task Video Maximum Resolution Sub-Stream Older Older Stream Video Compression Video Bit Rate H.265+ Type H.265+ Yes SVC Yes Roll Audio Audio Compression Audio Audio Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome adjust, aux output Vies Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Video  Maximum Resolution Main Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] Video Compression Video Bit Rate 12.654 Type 12.654 Type 13.264 Type 14.2654 Yes 14.2654 Yes 16.264 Type 16.264 Type 17.264 Type 18.2654 Type 18.2654 Yes 18.2655 Type 18.2654 Yes 18.2655 Type 18.2654 Yes 18.2655 Type 18.2655 Type 18.2656 Type 18.2656 Type 18.2656 Type 18.2657 Type	Pan Speed Tilt Speed Proportional Zoom Presets	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300
Treset Freezing 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  Wideo  Maximum Resolution 3840 × 2160  Main Stream 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)  Sub-Stream 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)  Third Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)  Video Compression H.265, H.264, MJPEG  Video Bit Rate 32 Kbps to 16384 Kbps  H.264 Type Baseline profile, main profile  H.265 Type Main profile  H.265+ Yes  SVC Yes  Dynamic face tracking, fixed region, dynamic license plate tracking  Audio Compression G.711alaw, G.721.1 law, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol
PTZ Status Display Preset Freezing Scheduled Task Video Maximum Resolution Main Stream Sub-Stream Of Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] Sub-Stream Of Hz: 30 fps [704 × 480, 640 × 480, 352 × 240] Third Stream Video Compression Video Compression Video Bit Rate H.264 Type H.265 Type H.265 Type H.265+ Yes SVC Popmanic face tracking, fixed region, dynamic license plate tracking Audio Audio  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Video Nation Stream 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720]  60 Hz: 30 fps [1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 352 × 240]  H.265, H.264, MJPEG 32 Kbps to 16384 Kbps H.265 Type Main profile H.265 Type Main profile H.265+ Yes SVC Popmanic face tracking, fixed region, dynamic license plate tracking Audio  Audio  Audio  6.711alaw, 6.711ulaw, 6.722.1, 6.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes
Preset Freezing Scheduled Task Video  Maximum Resolution Sub-Stream Video Compression Video Compression H.265 Type H.265 Type H.264+ Yes H.265+ Yes SVC ROI  Audio Compression ROI  Audio Audio  Audio Compression Audio  Audio  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output Audio Scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Audio Scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Audio Scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  As auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  Audio Scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome rebo	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes
Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output    Video	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes
Maximum Resolution Main Stream 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) Sub-Stream 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) Third Stream 60 Hz: 30 fps (1920 × 1080, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Video Compression Video Bit Rate Video Bit Rate 70 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Video Bit Rate 70 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) Video Bit Rate 71 Hz: 455 Hz: 4564 Hz: 4565 Hz:	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol  4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes
Nation   Stream   S	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol  4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes
Maximum Resolution       3840 × 2160         Main Stream       60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720]         Sub-Stream       60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240]         Third Stream       60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240]         Video Compression       H.265, H.264, MJPEG         Video Bit Rate       32 Kbps to 16384 Kbps         Baseline profile, main profile, high profile         H.265 Type       Main profile         H.264+ Yes         H.265+ Yes         SVC         ROI       Dynamic face tracking, fixed region, dynamic license plate tracking         Audio         Audio         Audio	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol  4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan,
Main Stream Sub-Stream Sub-Stream Moin Stream Sub-Stream Sub-Stream Moin Stream Sub-Stream Moin Stream	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol  4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan,
Sub-Stream Third Stream Third Stream Find	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task Video	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol  4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
Third Stream Video Compression Video Bit Rate Video Bit Rate H.264 Type H.265 Type H.264 Type H.265 Type Main profile H.265 Type H.265 Type Main profile H.265 Type Gain profile H.265 Type H.265 Type H.265 Type H.265 Type H.265 Type Hain profile H.265 Ty	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task Video Maximum Resolution	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output
Video Compression Video Bit Rate Video Bit Rate H.264 Type Baseline profile, main profile H.265 Type H.264+ Yes H.265+ Yes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression  Wideo Compression H.265, H.264, MJPEG Wideo Compression Wall Rate Wideo Compression  Wideo Compression H.265, H.264, MJPEG Wideo Compression  Wall Rate Wideo Compression  Wideo Compression  H.265, H.264, MJPEG Wideo Compression  Wall Rate Wideo Compression  Wideo Compression  Wideo Compression  G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video  Maximum Resolution Main Stream	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160  60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)
Video Bit Rate H.264 Type Baseline profile, main profile, high profile H.265 Type Main profile H.264+ Yes H.265+ Yes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video  Maximum Resolution Main Stream Sub-Stream	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160  60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720]  60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240]
H.264 Type H.265 Type Main profile, main profile, high profile H.264+ Yes H.265+ Yes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression G.711alaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video  Maximum Resolution Main Stream Sub-Stream Third Stream	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160  60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)  60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240]  60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240]
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H.264+ Yes H.265+ Yes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate	-20° to 90° (auto flip)  Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s  Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s  Yes  300  8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan  Yes  Yes  Yes  Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160  60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720)  60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240)  60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)  H.265, H.264, MJPEG  32 Kbps to 16384 Kbps
H.265+ Yes SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265, H.264, MJPEG 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile
SVC Yes ROI Dynamic face tracking, fixed region, dynamic license plate tracking Audio Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (704 × 480, 640 × 480, 352 × 240) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265, H.264, MJPEG 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile
Audio Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.264+ H.265+	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240] 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] H.265, H.264, MJPE6 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile Yes Yes
Audio Compression G.711alaw, G.711ulaw, G.722.1, G.726, MP2L2, PCM	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] H.265, H.264, MJPEG 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile Yes Yes
	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] H.265, H.264, MJPEG 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile Yes Yes
Audio Bit rate 64 Kbps (6.711)/16 Kbps (6.722.1)/16 Kbps (6.726)/32 Kbps to 192 Kbps (MP2L2)	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps [3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720] 60 Hz: 30 fps [704 × 480, 640 × 480, 352 × 240] 60 Hz: 30 fps [1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240] H.265, H.264, MJPEG 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile Yes Yes Yes Dynamic face tracking, fixed region, dynamic license plate tracking
	Pan Speed Tilt Speed Tilt Speed Proportional Zoom Presets Patrol Scan Pattern Scan Power-off Memory Park Action 3D Positioning PTZ Status Display Preset Freezing Scheduled Task  Video Maximum Resolution Main Stream Sub-Stream Third Stream Video Compression Video Bit Rate H.264 Type H.265 Type H.265+ SVC ROI Audio Audio Compression	-20° to 90° (auto flip) Pan speed: configurable from 0.1° to 210°/s; preset speed: 280°/s Tilt speed: configurable from 0.1° to 150°/s, preset speed 250°/s Yes 300 8 patrols, up to 32 presets for each patrol 4 pattern scans, record time over 10 minutes for each scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan Yes Preset, pattern scan, patrol scan, auto scan, tilt scan, random scan, frame scan, panorama scan, dome reboot, dome adjust, aux output  3840 × 2160 60 Hz: 30 fps (3840 × 2160, 2560 × 1440, 1920 × 1080, 1280 × 960, 1280 × 720) 60 Hz: 30 fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) H.265, H.264, MJPE6 32 Kbps to 16384 Kbps Baseline profile, main profile, high profile Main profile Yes Yes Ves Pyanamic face tracking, fixed region, dynamic license plate tracking 6.711alaw, 6.711ulaw, 6.722.1, 6.726, MP2L2, PCM



#### **Specifications** (continued)

Detects up to 30 faces at the same time. Detecting, tracking, capturing, grading, selecting of face in motion, and output best face picture		
Yes		
Motion detection, video tampering alarm, alarm input and output, exception		
Unattended baggage detection, object removal detection, intrusion detection, line crossing detection, region entrance detection, region exiting detection, audio exception detection, vandal-proof alarm		
Manual tracking, panorama tracking, event tracking, patrol tracking among multiple detection scenes		
ANR, Dual-VCA		
Preset, patrol scan, pattern scan, memory card video recording, alarm output, send e-mail, notify surveillance center, upload to FTP, NAS video recording		
NAS (NFS, SMB/CIFS)		
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		
Open-ended API, ONVIF (Profile S, Profile G), ISAPI, Hikvision SDK, third-party management platform, ISUP		
Up to 20 channels		
Up to 32 users, 3 levels: administrator, operator, and user		
Yes		
Authenticated user name and password, MAC address binding, HTTPS encryption, 802.1x authenticated access, IP address filter		
iVMS-4200, iVMS-4500, Hik-Connect		
IE 10+, Chrome 57+, Firefox 52+, Safari 12+		
RJ-45,self-adaptive 10M/100M Ethernet port		
Built-in memory card slot, support microSD/Micro SDHC/microSDXC, up to 256 GB; NAS (NFS, SMB/CIFS), ANR		
7 alarm inputs		
2 alarm outputs		
1 audio input, 2.0 to 2.4 Vp-p, 1k ohm ±10%		
1 audio output, line level, impedance: 600 Ω		
1.0 V[p-p]/75 Ω, PAL, NTSC, BNC connector		
HIKVISION, Pelco-P, Pelco-D, self-adaptive		
1.0/0 # (F00 m)		
1,640 ft (500 m)		
yes		
24 VAC (maximum 60 W, including maximum 15 W for IR and maximum 8 W for heater), PoE 802.3 bt		
(maximum 51 W, including maximum 15 W for IR and maximum 8 W for heater).		
Temperature: -40° to 70° C (-40° to 158° F), humidity: ≤95% (non-condensing)		
Yes, rain-sensing auto control		
ADC12		
Ø267 mm × 430 mm (Ø10.51" × 16.93")		
Approximately 9.6 kg (21.16 lb)		
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)		
Lightning protection, surge protection and voltage transient protection, $\pm 6$ kV line to gnd, $\pm 3$ kV line to line, IEC61000-4-5, IP67 standard, IK10 (excluding glass window)		

#### **DORI**

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

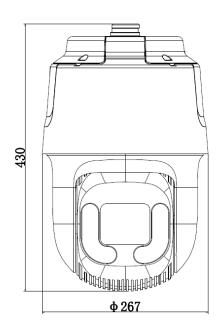
It is calculated based on the camera sensor specification and the criteria given by EN 62676-4: 2015.

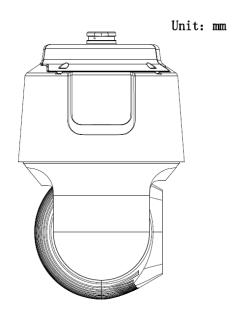


# DORI (continued)

DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	4137.9 m (13575.8 ft)	1642 m (5387.1 ft)	827.6 m (2715.2 ft)	413.8 m (1357.6 ft)

# **Dimensions**





#### **Accessories**



