

# DS-2XE6442F-IZHRS (B) 4 MP Explosion-Proof Network Bullet Camera















- Explosion-proof design: the camera has passed international ATEX & IECEx certifications, and can be used in gas and dust hazardous scenarios
- 316L stainless steel enclosure and anti-corrosion spray treatment, protecting the camera from damage caused by sparks or corrosive materials
- IP68 water resistant, preventing water ingress for outdoor use
- H.265+/H.265/H.264+/H.264 encoding: efficient compression technology saves storage space and reduces bandwidth requirements
- AC 100 V to 240 V wide range power supply: easy to deploy cables and safer compared to a power adapter solution





## Specification

Shutter Speed         1/3s to 1/100,000s           P/N         P/N           Wide Dynamic Range         120 dB           Lens         Focus         Auto, semi-auto, manual           Camera         Focus Ou005 Lux @(F1.2, AGC ON)           Min. Illumination         Color: 0,0005 Lux @(F1.2, AGC ON)         Bus with IR           Slow Shutter         Yes           DNR         3D DNR           Bay & Night         IR cut filter           2.8 mm to 12 mm, F1.4, horizontal FOV: 94* to 38*, vertical FOV: 49.9* to 21.3*, diagonal FOV: 112.3* to 43.7*         amm to 32 mm, F1.7, horizontal field of view: 42.2* to 15.1*, vertical FOV: 23.4* to 8.6*, diagonal FOV: 149.6* to 17.3*           Auto-Iris         DC drive           Video         Video           Video         Video           Video         So Hz: 25 fps (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720)           Main Stream         50 Hz: 25 fps (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720)           Sub-Stream         50 Hz: 25 fps (640 x 480, 640 x 360, 320 x 240)           OH:: 30 fps (1280 x 720, 640 x 480, 640 x 360, 320 x 240)           Video Compression         50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360, 320 x 240)           Video Bit Rate         32 Xbps:*BMbps           L265 Type         Main stream *L2	Camera		
P/N         P/N           Wide Dynamic Range         120 dB           Lens         Focus         Auto, semi-auto, manual           Camera         Inage Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Golor: 0.0005 Lux @(F1.2, AGC ON)         Lux with IR           Slow Shutter         Yes           DNR         3D DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94" to 38", vertical FOV: 49.9" to 21.3", diagonal FOV: 112.3" to 43.7"         Amount of the provision of the pr	Shutter Speed	1/3s to 1/100.000s	
Lens         Focus         Auto, semi-auto, manual           Camera           Image Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94" to 38", vertical FOV: 49.9" to 21.3", diagonal FOV: 112.3" to 43.7"           8 mm to 32 mm, F1.7, horizontal field of view: 42.2" to 15.1", vertical FOV: 23.4" to 8.6", diagonal FOV: 49.6" to 17.3"           Auto-Iris         DC drive           Wideo         Video           Main Stream         50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Mole: Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           Mole: Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Minis stream: H.265/H.264         Minis stream: H.265/H.264           Video Compression         Sub-stream: H.265/H.264           Video Sit Rate         32 Kbps*8Mbps           H.264 Type         Main stream supports           H.265 Type         Main stream supports           H.265 H         Main stream supports           H.265 H         Main stream supports           Bit Rate Co			
Lens         Focus         Auto, semi-auto, manual           Camera           Image Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94" to 38", vertical FOV: 49.9" to 21.3", diagonal FOV: 112.3" to 43.7"           8 mm to 32 mm, F1.7, horizontal field of view: 42.2" to 15.1", vertical FOV: 23.4" to 8.6", diagonal FOV: 49.6" to 17.3"           Auto-Iris         DC drive           Wideo         Video           Main Stream         50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Mole: Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           Mole: Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Minis stream: H.265/H.264         Minis stream: H.265/H.264           Video Compression         Sub-stream: H.265/H.264           Video Sit Rate         32 Kbps*8Mbps           H.264 Type         Main stream supports           H.265 Type         Main stream supports           H.265 H         Main stream supports           H.265 H         Main stream supports           Bit Rate Co	·	•	
Focus         Auto, semi-auto, manual           Camera           Image Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94" to 38", vertical FOV: 49.9" to 21.3", diagonal FOV: 112.3" to 43.7"           8 mm to 32 mm, F1.7, horizontal field of view: 42.2" to 15.1", vertical FOV: 23.4" to 8.6", diagonal FOV: 49.6" to 17.3"           Auto-Iris         DC drive           Wideo         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)           Video Compression         Sub-stream: H.265/H.264           Video Dist Rate         32 Kbps: 8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265 H         Main stream supports           Bit Rate Control         VBR/CBR           Scalable Video Coding (S	_		
Camera           Image Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video           Wax. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           50 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)         60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Wideo Compression         Main stream: H.265/H.264           Video Bit Rate         3 Kbps**SMbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265 Hz		Auto. semi-auto. manual	
Image Sensor         1/1.8" Progressive Scan CMOS           Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           Lens         8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video           Wax. Resolution           2688 × 1520         304 × 1296, 1920 × 1080, 1280 × 720)           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Video Compression         Main stream: H.265/H.264           Video Bit Rate         32 Kbps*3Mbps           H.264 Type         Main stream: H.265/H			
Min. Illumination         Color: 0.0005 Lux @(F1.2, AGC ON)           B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           Lens         8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         Defrive           Video           Video           Max. Resolution           2688 × 1520           Main Stream         50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (2680 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264           Video Compression           Main stream: H.265/H.264           Video Bit Rate         32 Kbps**8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           Bit	Image Sensor	1/1.8" Progressive Scan CMOS	
Min. Illumination         B/W: 0.0001 Lux @(F1.2, AGC ON), 0 Lux with IR           Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR cut filter           Lens         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7° 8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video         Video           Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (2680 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream         4.264 × 265 ft (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Video Ompression         Main stream: H.265/H.264/MJPEG           Third stream: H.265/H.264/MJPEG			
Slow Shutter         Yes           DNR         3D DNR           Day & Night         IR Cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           Lens         8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video           Was. Resolution           2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264           Video Compression         Main stream: H.265/H.264           Video Bit Rate         32 Kbps-8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           Bit Rate Control </td <td>Min. Illumination</td> <td></td>	Min. Illumination		
DNR         3D DNR           Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           Auto-Iris         2.6 drive           Mato-Iris         Dot drive           Video           Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Video Compression         Sub-stream: H.265/H.264/MJPEG           Video Bit Rate         32 kbps*8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265 H         Main stream supports           H.265 H         Main stream supports           H.265 H         Main stream su	Slow Shutter		
Day & Night         IR cut filter           Lens         2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°           8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video           Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           40 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 32			
Lens   2.8 mm to 12 mm, F1.4, horizontal FOV: 94° to 38°, vertical FOV: 49.9° to 21.3°, diagonal FOV: 112.3° to 43.7°   8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°			
Lens         diagonal FOV: 112.3° to 43.7° 8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°           Auto-Iris         DC drive           Video         Video           Main Stream         2688 × 1520           Sub-Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           8ub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (4640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264           Video Compression         Sub-stream: H.265/H.264           Video Bit Rate         32 Kbps*8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           H.265+         Main stream supports           Bit Rate Control         VBR/CBR           Scalable Video Coding (SVC)         H.265 and H.264 support           Region of Interest (ROI)         1 fixed region for main stream and sub-stream           Audio	Day a riight		
8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to 8.6°, diagonal FOV: 49.6° to 17.3°         Auto-Iris       DC drive         Video       Video         Main Stream       2688 × 1520         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)       60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)       60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)         Third Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)       60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)         Video Compression       Main stream: H.265/H.264         Video Bit Rate       32 Kbps~8Mbps         H.264 Type       BaseLine Profile/Main Profile/High Profile         H.265 Type       Main Profile         H.265+       Main stream supports         Bit Rate Control       VBR/CBR         Scalable Video Coding (SVC)       H.265 and H.264 support         Region of Interest (ROI)       1 fixed region for main stream and sub-stream         Audio       Filed Stream and Sub-stream         Environment Noise Filtering       Yes	Long		
Auto-Iris         DC drive           Video         Video           Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264           Video Compression         Sub-stream: H.265/H.264/MJPEG           Third stream: H.265/H.264           Video Bit Rate         32 Kbps*8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           Bit Rate Control         VBR/CBR           Scalable Video Coding (SVC)         H.265 and H.264 support           Region of Interest (ROI)         1 fixed region for main stream and sub-stream           Audio           Environment Noise Filtering         Yes	Lens	8 mm to 32 mm, F1.7, horizontal field of view: 42.2° to 15.1°, vertical FOV: 23.4° to	
Video           Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Wideo Compression         Main stream: H.265/H.264           Video Bit Rate         32 Kbps~8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           Bit Rate Control         VBR/CBR           Scalable Video Coding (SVC)         H.265 and H.264 support           Region of Interest (ROI)         1 fixed region for main stream and sub-stream           Audio           Environment Noise Filtering         Yes		8.6°, diagonal FOV: 49.6° to 17.3°	
Max. Resolution         2688 × 1520           Main Stream         50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           Sub-Stream         50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)           Third Stream         50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)           Main stream: H.265/H.264         Main stream: H.265/H.264           Video Compression         Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264           Video Bit Rate         32 Kbps~8Mbps           H.264 Type         BaseLine Profile/Main Profile/High Profile           H.265 Type         Main stream supports           H.265+         Main stream supports           Bit Rate Control         VBR/CBR           Scalable Video Coding (SVC)         H.265 and H.264 support           Region of Interest (ROI)         1 fixed region for main stream and sub-stream           Audio         Environment Noise Filtering	Auto-Iris	DC drive	
Main Stream       50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)         60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)         60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)         Third Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)         Wideo Compression       Main stream: H.265/H.264         Video Bit Rate       32 Kbps^8Mbps         H.264 Type       BaseLine Profile/Main Profile/High Profile         H.265 Type       Main stream supports         H.265+       Main stream supports         Bit Rate Control       VBR/CBR         Scalable Video Coding (SVC)       H.265 and H.264 support         Region of Interest (ROI)       1 fixed region for main stream and sub-stream         Audio         Environment Noise Filtering       Yes	Video		
Main Stream       60 Hz: 30 fps (2688 x 1520, 2304 x 1296, 1920 x 1080, 1280 x 720)         Sub-Stream       50 Hz: 25 fps (640 x 480, 640 x 360, 320 x 240)         60 Hz: 30 fps (640 x 480, 640 x 360, 320 x 240)         Third Stream       50 Hz: 25 fps (1280 x 720, 640 x 480, 640 x 360, 320 x 240)         Main stream: H.265/H.264         Video Compression       Main stream: H.265/H.264/MJPEG         Third stream: H.265/H.264         Video Bit Rate       32 Kbps~8Mbps         H.264 Type       BaseLine Profile/Main Profile/High Profile         H.265 Type       Main stream supports         H.265+       Main stream supports         H.265+       Main stream supports         Bit Rate Control       VBR/CBR         Scalable Video Coding (SVC)       H.265 and H.264 support         Region of Interest (ROI)       1 fixed region for main stream and sub-stream         Audio         Environment Noise Filtering       Yes	Max. Resolution	2688 × 1520	
Sub-Stream       50 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)         Sub-Stream       50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)         Third Stream       50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)         Main stream: H.265/H.264       60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)         Video Compression       Main stream: H.265/H.264         Video Bit Rate       32 Kbps~8Mbps         H.264 Type       BaseLine Profile/Main Profile/High Profile         H.265 Type       Main stream supports         H.265+       Main stream supports         H.265+       Main stream supports         Bit Rate Control       VBR/CBR         Scalable Video Coding (SVC)       H.265 and H.264 support         Region of Interest (ROI)       1 fixed region for main stream and sub-stream         Audio         Environment Noise Filtering       Yes	Main Chuann	50 Hz: 25fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	
Sub-Stream  60 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)  Third Stream  50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  Main stream: H.265/H.264  Video Compression  Video Bit Rate  32 Kbps~8Mbps  H.264 Type  BaseLine Profile/Main Profile/High Profile  H.265 Type  Main Profile  H.264+  Main stream supports  H.265+  Main stream supports  Bit Rate Control  VBR/CBR  Scalable Video Coding (SVC)  H.265 and H.264 support  Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	Main Stream	60 Hz: 30 fps (2688 × 1520, 2304 × 1296, 1920 × 1080, 1280 × 720)	
Third Stream  50 Hz: 30 fps (640 × 480, 640 × 360, 320 × 240)  60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  Main stream: H.265/H.264  Video Compression  Main stream: H.265/H.264/MJPEG Third stream: H.265/H.264  Video Bit Rate  32 Kbps^8Mbps  H.264 Type BaseLine Profile/Main Profile/High Profile  H.265 Type Main stream supports  H.265+ Main stream supports  Bit Rate Control VBR/CBR  Scalable Video Coding (SVC) Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	Cub Chungan	50 Hz: 25 fps (640 × 480, 640 × 360, 320 × 240)	
Third Stream  60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)  Main stream: H.265/H.264  Video Compression  Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264  Video Bit Rate  32 Kbps~8Mbps  H.264 Type  BaseLine Profile/Main Profile/High Profile  H.265 Type  Main Profile  H.264+  Main stream supports  H.265+  Main stream supports  Bit Rate Control  VBR/CBR  Scalable Video Coding (SVC)  H.265 and H.264 support  Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	Sub-Stream	60 Hz: 30fps (640 × 480, 640 × 360, 320 × 240)	
Main stream: H.265/H.264 Video Compression Sub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264  Video Bit Rate 32 Kbps~8Mbps H.264 Type BaseLine Profile/Main Profile/High Profile H.265 Type Main stream supports H.265+ Main stream supports H.265+ Main stream supports Scalable Video Coding (SVC) Region of Interest (ROI) I fixed region for main stream and sub-stream  Audio Environment Noise Filtering Yes		50 Hz: 25 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)	
Video CompressionSub-stream: H.265/H.264/MJPEG Third stream: H.265/H.264Video Bit Rate32 Kbps~8MbpsH.264 TypeBaseLine Profile/Main Profile/High ProfileH.265 TypeMain ProfileH.264+Main stream supportsH.265+Main stream supportsBit Rate ControlVBR/CBRScalable Video Coding (SVC)H.265 and H.264 supportRegion of Interest (ROI)1 fixed region for main stream and sub-streamAudioEnvironment Noise FilteringYes	inira Stream	60 Hz: 30 fps (1280 × 720, 640 × 480, 640 × 360, 320 × 240)	
Third stream: H.265/H.264  Video Bit Rate 32 Kbps~8Mbps  H.264 Type BaseLine Profile/Main Profile/High Profile  H.265 Type Main Profile  H.264+ Main stream supports  H.265+ Main stream supports  Bit Rate Control VBR/CBR  Scalable Video Coding (SVC) H.265 and H.264 support  Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering Yes		Main stream: H.265/H.264	
Video Bit Rate  H.264 Type  BaseLine Profile/Main Profile  H.265 Type  Main Profile  H.264+  Main stream supports  H.265+  Main stream supports  Bit Rate Control  VBR/CBR  Scalable Video Coding (SVC)  H.265 and H.264 support  Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	Video Compression	Sub-stream: H.265/H.264/MJPEG	
H.264 Type BaseLine Profile/Main Profile H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control VBR/CBR Scalable Video Coding (SVC) H.265 and H.264 support Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio Environment Noise Filtering Yes		Third stream: H.265/H.264	
H.265 Type Main Profile H.264+ Main stream supports H.265+ Main stream supports Bit Rate Control VBR/CBR Scalable Video Coding (SVC) H.265 and H.264 support Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio Environment Noise Filtering Yes	Video Bit Rate	32 Kbps~8Mbps	
H.264+ Main stream supports H.265+ Main stream supports  Bit Rate Control VBR/CBR  Scalable Video Coding (SVC) H.265 and H.264 support  Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering Yes	H.264 Type	BaseLine Profile/Main Profile/High Profile	
H.265+ Main stream supports  Bit Rate Control VBR/CBR  Scalable Video Coding (SVC) H.265 and H.264 support  Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering Yes	H.265 Type	Main Profile	
Bit Rate Control  VBR/CBR  Scalable Video Coding (SVC)  H.265 and H.264 support  Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	H.264+	Main stream supports	
Scalable Video Coding (SVC) H.265 and H.264 support  Region of Interest (ROI) 1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering Yes	H.265+	Main stream supports	
Region of Interest (ROI)  1 fixed region for main stream and sub-stream  Audio  Environment Noise Filtering  Yes	Bit Rate Control	VBR/CBR	
Audio Environment Noise Filtering Yes	Scalable Video Coding (SVC)	H.265 and H.264 support	
Environment Noise Filtering Yes	Region of Interest (ROI)	1 fixed region for main stream and sub-stream	
	Audio		
Audio Sampling Rate 8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz	Environment Noise Filtering	Yes	
	Audio Sampling Rate	8 kHz/16 kHz/32 kHz/44.1 kHz/48 kHz	
Audio Compression G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3	Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM/AAC/MP3	
Audio Bit Rate  64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-192Kbps(MP2L2)/8Kbps-320Kbps(MP3)	Audio Bit Rate		



Audio Type	Mono sound	
Network		
Simultaneous Live View	Up to 6 channels	
API	Open Network Video Interface, ISAPI, SDK, Ehome	
Dustanda	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, PPPoE,	
Protocols	NTP,UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv6, UDP, SSL/TLS	
User/Host	Up to 32 users, 3 levels: administrator, operator and user	
	microSD/SDHC/SDXC card (256 GB) local storage, and NAS (NFS, SMB/CIFS), auto	
Network Storage	network replenishment (ANR)	
Network Storage	Together with high-end Hikvision memory card, memory card encryption and health	
	detection are supported.	
Client	iVMS-4200, Hik-Connect, Hik-Central	
	Plug-in required live view: IE8+, Chrome41.0~44, Firefox30.0~51, Safari8.0~11	
Web Browser	Plug-in free live view: Chrome45.0+, Firefox52.0+	
web Browser	Local service: Chrome 57.0+, Firefox 52.0+	
	Not recommended: Safari 11+, Edge	
Image		
Smart IR	The IR LEDs on camera should support Smart IR function to automatically adjust power	
Silidit in	to avoid image overexposure.	
Day/Night Switch	Day/Night/Auto/Schedule	
Target Cropping	Yes	
Image Enhancement	BLC, HLC, 3D DNR, Defog, EIS	
Image Parameters Switch	Yes	
SNR	≥50db	
Privacy Mask	Yes	
Smart Feature-Set		
	Line crossing detection, up to 4 lines configurable	
	Intrusion detection, up to 4 regions configurable	
	Region entrance detection, up to 4 regions configurable	
Smart Event	Region exiting detection, up to 4 regions configurable	
	Unattended baggage detection, up to 4 regions configurable	
	Object removal detection, up to 4 regions configurable,	
	Scene change detection, defocus detection	
Exception Detection	Network disconnected, IP address conflict, illegal login, HDD full, HDD error	
General		
Linkage Method	Upload to FTP/NAS/memory card, notify surveillance center, send email, trigger alarm	
Linkage Wicthou	output, trigger recording, trigger capture	
Online Upgrade	Yes	
Firmware Version	5.5.153	
General Function	Anti-flicker, 3 streams, heartbeat, mirror, privacy masks, flash log, password reset via	
	e-mail, pixel counter	
Software Reset	Yes	
Audio		
Audio I/O	1 line in/out	



Image		
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format	
	Support rotate mode. Saturation, brightness, contrast, sharpness, white balance, and	
Image Settings	AGC are adjustable by client software or web browser	
Interface		
Communication Interface	1 RJ45 10 M/100 M self-adaptive Ethernet port,	
Communication interface	Camera with no wiper also supports RS-485	
Alarm	2 alarm inputs, 2 alarm outputs (up to 24 VDC, 1 A or 110 VAC, 500 mA)	
Video Output	1Vp-p Composite Output(75Ω/BNC)	
	Built-in microSD/SDHC/SDXC slot, up to 256GB	
On-board Storage	*You are recommended to purchase memory card together with the product if needed.	
	After ordering, the memory card will be installed to product during manufacturing.	
Approval		
	FCC: FCC-SDoC(ANSI C63.4,FCC Part15 sub B)	
	CE: CE-EMC(EN 50130-4:2011+A1:2014,EN 55032:2015,EN 61000-3-2:2014,EN	
EN AC	61000-3-3:2013)	
EMC	IC: IC-VoC(ICES-003 Issue 7:2020)	
	KC: KN 301489-1,KN 301489-17,RRA NOTICE 2017-14(2017.12.05),RRA NOTICE	
	2017-19(2017.12.28)	
	CB: IEC 60950-1	
Safety	CE: CE-LVD(EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	
	LOA: SANS IEC60950-1	
Chemistry	CE: CE-RoHS(RoHS Directive 2011/65/EU+2015/863)	
	ATEX: II 2 G Ex db op is IIC T6 Gb/ II 2D Ex tb op is IIIC T80°C Db	
	IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db	
	For explosive gas atmospheres, the maximum surface temperature is 85°C;	
Explosion-proof Certificate	For flammable dust atmospheres, the maximum surface temperature is 80°C;	
	IIC: for explosive gas atmospheres other than mines susceptible to firedamp;	
	For explosive gas mixture atmospheres: Zone 1, Zone 2, Zone 21, Zone 22.	
IR		
10.0	2.8 mm to 12 mm lens: up to 80 m (262.5 ft.)	
IR Range	8 mm to 32 mm lens: up to 150 m (492.1 ft.)	
Smart Feature-set		
Line Crossing Detection	Cross a pre-defined virtual line	
Intrusion Detection	Enter and loiter in a pre-defined virtual region	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting	
	detection, unattended baggage detection, object removal detection	
Region Entrance	Enter a pre-defined virtual region from the outside place	
Region Exit	Exit from a pre-defined virtual region	
Unattended Baggage	Objects left over in the pre-defined region such as the baggage, purse, dangerous	
	materials	
Object Removal	Objects removed from the pre-defined region, such as the exhibits on display.	
General		
	100 VAC to 240 VAC, three-core terminal block	
Power Supply	PoE (802.3at, class 4)	
Material	316L+Anti-corrosion coating	



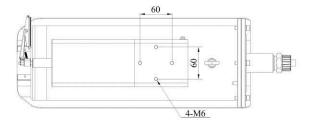
Dimensions	513.2 × 169 × 308 mm (20.2"× 6.65" × 12.13")
	Package: 753 × 313 × 424 mm (29.65" × 12.32" × 16.69")
Weight	17.8 kg (39.24 lb.); with package, 19.8 kg (43.65lb.)
Power Consumption	100 VAC to 240 VAC, 0.38 A to 0.18 A, max. 22.6W; PoE (802.3at, 42.5 V to 57 V), 0.56
	A to 0.42 A, max. 23.6W
Heater	Yes
Wiper	Yes

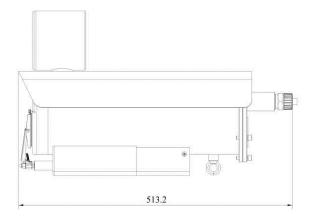
<sup>\*</sup>You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.

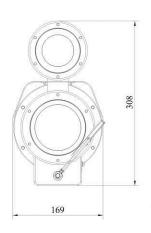
### Available Model

DS-2XE6442F-IZHRS (B)

### Dimension







Unit:mm



- Accessory
- Optional

DS-2780ZJ-X/316	DS-1707ZJ-Y-AC(
L(OS)	OS)
Junction box	Wall mount





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