

## Specifications

<b>Camera</b>	
Image Sensor	1/2.7" Progressive Scan CMOS
Min. Illumination	0.01Lux @(F1.2,AGC ON) ,0 Lux with IR on
Shutter Speed	1 s to 1/100,000 s, support slow shutter
Lens	4 mm, horizontal field of view: 91° 6 mm, horizontal field of view: 60° 8 mm, horizontal field of view: 41.5° 12 mm, horizontal field of view: 26.6°
Lens Mount	M12
Day &Night	IR cut filter
DNR	3D DNR
Wide Dynamic Range	120dB
<b>Compression Standard</b>	
Video Compression	Main stream: H.265/H.264 Sub stream: H.265/H.264/MJPEG Third stream: H.265/H.264
H.264 Type	Baseline profile/main profile/high profile
H.264+	Support
H.265 Type	Main profile
H.265+	Support
Video Bit Rate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bit Rate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
<b>Image</b>	
Max. Resolution	1920 × 1080
Main Stream Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub Stream Max. Frame Rate	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
Third Steam Max. Frame Rate	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240, 320 × 240)
Image Enhancement	BLC/3D DNR
Image Settings	Support rotate mode. Saturation, brightness, contrast, etc., adjustable by client software or web browser
Region of Interest	Support 4 customized region for each stream, and face dynamic tracking
Target Cropping	Support
Day/Night Switch	Auto/Schedule/Triggered by Alarm In
Picture Overlay	LOGO picture can be overlaid on video with 128 × 128 24bit bmp format
<b>Network</b>	
Network Storage	Support microSD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS,SMB/CIFS), ANR
Alarm Trigger	Motion detection, tampering alarm, HDD full, HDD error, network disconnected, IP address conflicted, illegal login
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP

Standard	ONVIF (PROFILE S, PROFILE G), ISAPI
General Function	Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask
<b>Interface</b>	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm	2 alarm input, 2 alarm output
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128GB
<b>Smart Feature-set</b>	
Behavior Analysis	Line crossing detection, intrusion detection, region entrance detection, region exiting detection, unattended baggage detection, object removal detection
Line Crossing Detection	Cross a pre-defined virtual line
Intrusion Detection	Enter and loiter in a pre-defined virtual region
Region Entrance Detection	Enter a pre-defined virtual region from the outside place
Region Exiting Detection	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.
Exception Detections	Scene change detection, defocus detection
Recognition	Face detection recognition
<b>General</b>	
Operating Conditions	-30°C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Power Supply	AC 100 V to 240 V, 0.1A, terminal block PoE (802.3af, class 3), 0.2A
Power Consumption	Max. 7W
Ingress Protection	IK10
IR Range	30 m
Housing Material	DS-2XE6222-IS: Stainless steel 304 DS-2XE6222-IS/316L: Stainless steel 316L
Explosion-Proof	ATEX: $\text{Ex}$ II 2 G D Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68 IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68
Dimensions	Camera: 221.3 × 174 × 172 mm (8.71" × 6.85" × 6.77") Package: 435 × 255 × 285 mm (17.1" × 10" × 11.2")
Weight	7.4 kg (3.4 lb.)

## Available Models

### Dimension

DS-2XE6222F-IS (4/6/8/12mm), DS-2XE6222F-IS/316L(4/6/8/12mm)

