HIKVISION®

DS-2XE6222F-IS/316L(B)
2 MP Explosion-Proof Network Bullet Camera

3D DNR | IR | WDR | HD | H.265 | SD

- 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, protecting the camera from damage caused by sparks or corrosive materials
- IP68/IK08 water resistant and vandal proof, 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
- 100 VAC to 240 VAC wide range power supply: easy to deploy cables and safer compared to a power adapter solution

ATEX: ⟨Ex⟩ II 2G Ex db IIC T6 Gb /II 2D Ex tb IIIC T80°C DB IP68
IECEx: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db IP68

▪ Specification

Camera	
Image Sensor	1/2.8" Progressive Scan CMOS
Min. Illumination	Color: 0.018 lux @ (F1.2, AGC ON); B/W: 0.006 lux @ (F1.2, AGC ON), 0 Lux with IR on
Shutter Speed	1 s to 1/100,000 s
Lens	4 mm, 6 mm, 8 mm, 12 mm
Lens Mount	M12
Day & Night	IR cut filter
DNR	3D DNR
WDR	120 dB

Lens	
FOV	4 mm, horizontal field of view: 80° 6 mm, horizontal field of view: 50° 8 mm, horizontal field of view: 39° 12 mm, horizontal field of view: 20°

Image	
Image Enhancement	BLC/3D DNR
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
Image Settings	Support rotate mode, saturation, brightness, contrast, etc., adjustable by client software or web browser
ROI (Region of Interest)	Support 4 customized regions for each stream, and face dynamic tracking
Max. Resolution	1920 × 1080
Main Stream	50Hz: 25fps (1920 × 1080, 1280 × 960, 1280 × 720) 60Hz: 30fps (1920 × 1080, 1280 × 960, 1280 × 720)
Sub-Stream	50Hz: 25fps (704 × 576, 640 × 480, 352 × 288, 320 × 240) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240, 320 × 240)
Third Stream	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)

Network	
Alarm Trigger	Motion detection, video tampering alarm, exception (network disconnected, IP address conflict, illegal login, HDD full, HDD error)
Network Storage	Support microSD/SDHC/SDXC card (up to 128 GB) local storage and NAS (NFS, SMB/CIFS), ANR
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP
Standard	ONVIF (PROFILE S, PROFILE G), PSIA, CGI, ISAPI
General Function	Mirror, anti-flicker, heartbeat, watermark, password protection, privacy mask

Interface	
Communication Interface	1 RJ45 10M/100M self-adaptive Ethernet port
Alarm	2 alarm inputs, 2 alarm outputs
On-board Storage	Built-in microSD/SDHC/SDXC slot, up to 128 GB

General	
Power Consumption and Current	Max. 7 W

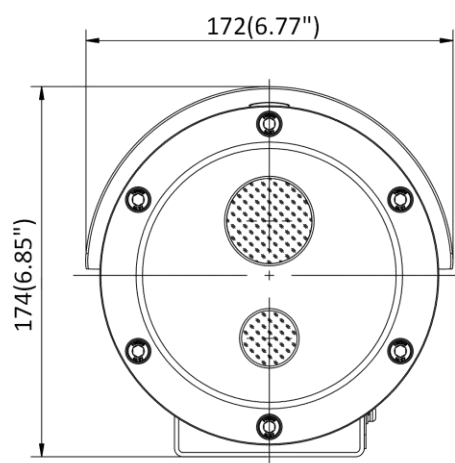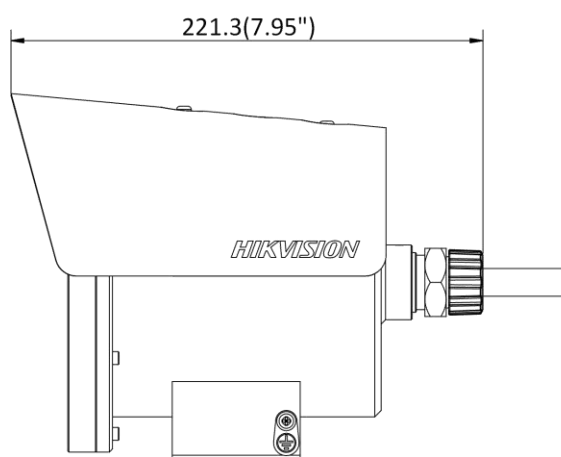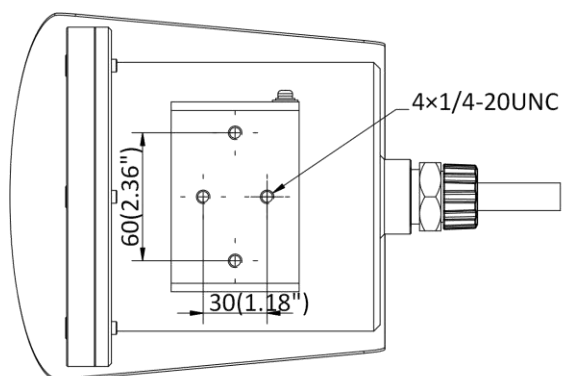| Power Supply | 100 VAC to 240 VAC, 0.1 A, terminal block |
	PoE (802.3af, class 3), 0.2 A
Material	Stainless steel 316L
Operating Conditions	-30°C to +60 °C (-22 °F to +140 °F), Humidity 95% or less (non-condensing)
Protection Level	Ingress protection: IK08 (IEC 62262:2002), IP68 (IEC 60529-2013)
Explosion-proof Certificate	ATEX: II 2G Ex db IIC T6 Gb/ II 2D Ex tb IIIC T80°C Db IP68
	IECEx: Ex db IIC T6 Gb /Ex tb IIIC T80°C Db IP68
	For explosive gas atmospheres, the maximum surface temperature is 85°C;
	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 Range	30 m
Dimensions (W × D × H)	Camera: 202 × 174 × 172 mm (7.95"× 6.85" × 6.77")
	With Package: 435 × 255 × 285 mm (17.1" × 10" × 11.2")
Weight (without hard disk)	Camera: 5.99 kg (13.21 lb.)
	With package: 7.07 kg (15.59 lb.)
Compression Standard	
H.264+	Support
H.265+	Support
H.264 Type	Baseline profile/main profile/high profile
Video Compression	Main stream: H.265/H.264
	Sub stream: H.265/H.264/MJPEG
	Third stream: H.265/H.264/MJPEG
H.265 Type	Main profile
Video Bitrate	32 Kbps to 16 Mbps
Audio Compression	G.711/G.722.1/G.726/MP2L2/PCM
Audio Bitrate	64Kbps(G.711)/16Kbps(G.722.1)/16Kbps(G.726)/32-128Kbps(MP2L2)
Smart Feature-set	
Exception Detection	Scene change detection, defocus detection
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.
Facial Recognition	Face detection recognition

▪ Available Model

DS-2XE6222F-IS/316L (4 mm) (B)

DS-2XE6222F-IS/316L (6 mm) (B)

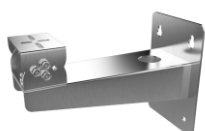DS-2XE6222F-IS/316L (8 mm) (B)

DS-2XE6222F-IS/316L (12 mm) (B)

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.
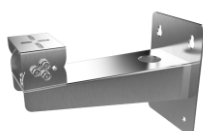
▪ Dimension

4×1/4-20UNC

60(2.36")

30(1.18")

221.3(7.95")

172(6.77")

174(6.85")

Unit: mm (inch)

▪ **Accessory**

DS-1704ZJ-Y
Wall mount

DS-1704ZJ
Wall mount

DS-1706ZJ
PT joint

DS-1712ZJ
Pendant mount

DS-1677ZJ-XS-1.0 (D)
Flexible conduit

DS-2780ZJ-X
Explosion-proof terminal
box

DS-2780ZJ-X/316L
Explosion-proof terminal
box

Distributed by

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