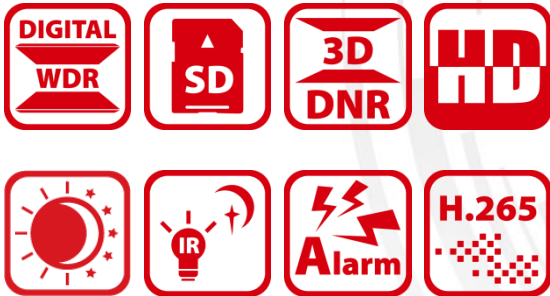


DS-2DB4236I-CWX (WE/316L) 2 MP 36× Explosion-Proof IR Zoom Bullet Camera



II 2 G Ex db op is IIC T6 Gb

II 2 D Ex tb op is IIIC T80°C Db

Hikvision DS-2DB4236I-CWX (WE/316L) 2 MP 36× Explosion-Proof IR Zoom Bullet Camera adopts 1/1.8" progressive scan CMOS chip. With the 36× optical zoom lens, the camera offers more details over expansive areas.

The explosion-proof camera is equipped with explosion-proof enclosure made of stainless steel. It can be widely used in places such as: port, wharf, petrochemical industry.

Key Features

- 1/1.8" progressive scan CMOS
- Up to 1920 × 1080 resolution
- Min. illumination:
Color: 0.002 Lux @(F1.5, AGC ON)
B/W: 0.0002 Lux @(F1.5, AGC ON)
0 Lux with IR
- 36× optical zoom, 12× digital zoom
- Digital WDR, 3D DNR, HLC, BLC
- 100 VAC to 240 VAC & PoE+ (IEEE802.3at class4)
- Up to 200 m IR distance
- Support H.265+/H.265 video compression
- Explosion-Proof Certificate No.:
CML 17ATEX1189X
IECEx CML 17.0103X



Specification

Camera Module		2 MP 36× Explosion-Proof IR Zoom Bullet Camera
Image Sensor		1/1.8" progressive scan CMOS
Min. Illumination		Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002 Lux @(F1.5, AGC ON) 0 Lux with IR
White Balance		Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent Lamp/Sodium Lamp
Gain Control		Auto/Manual
Shutter Time		1/1 s to 1/30,000 s
Day & Night		IR Cut Filter
Digital Zoom		12×
Focus Mode		Auto/Semi-automatic/Manual
Digital WDR		Support
Lens		
Focal Length		5.7 mm to 205 mm, 36× Optical
Zoom Speed		Approx. 4.4 s (optical lens, wide-tele)
FOV		Horizontal field of view: 59.8° to 2.0° (wide-tele) Vertical field of view: 33.6° to 1.1° (wide-tele) Diagonal field of view: 68.6° to 2.3° (wide-tele)
Working Distance		10 mm to 1500 mm (wide-tele)
Aperture Range		F1.5 to F4.5
PTZ		
Presets		255
Park Action		Support
IR		
IR Distance		200 m
Smart IR		Support
Compression Standard		
Video Compression		Main Stream: H.265+/H.265/H.264+/H.264 Sub-Stream: H.265/H.264/MJPEG Third Stream: H.265/H.264/MJPEG
H.264 Type		Baseline Profile/Main Profile/High Profile
H.264+		Support
H.265 Type		Main Profile
H.265+		Support
Video Bitrate		256 Kbps to 16384 Kbps
Audio compression		G.711alaw/G.711ulaw/G.722.1/G.726/MP2L2/PCM
Audio Bitrate		256 Kbps to 16384 Kbps
Smart Feature		
Basic Event		Motion Detection, Video Tampering Detection, Alarm Input, Alarm Output
Smart Event		Intrusion Detection, Line Crossing Detection, Audio Exception Detection
ROI encoding		Main stream, sub-stream and third stream respectively support two fixed areas.
Image		
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) 60Hz: 30fps (704 × 480, 640 × 480, 352 × 240)

Third Stream	50Hz: 25fps (1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240)
Image Enhancement	HLC/BLC/3D DNR/Regional Exposure/Regional Focus
SVC	Support
Network	
Network Storage	Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIFS), ANR
Alarm Linkage	Alarm actions, such as Preset, Patrol Scan, Pattern Scan, Memory Card Video Record, Trigger Recording, Notify Surveillance Center, Upload to FTP/Memory Card/NAS, Send Email, etc.
Protocols	IPv4/IPv6, HTTP, HTTPS, 802.1x, Qos, FTP, SMTP, UPnP, SNMP, DNS, DDNS, NTP, RTSP, RTCP, RTP, TCP/IP, UDP, IGMP, ICMP, DHCP, PPPoE, Bonjour
API	Open-ended, support ONVIF, ISAPI, and CGI, support HIKVISION SDK and Third-Party Management Platform
Simultaneous Live View	Up to 20 channels
User/Host	Up to 32 users. 3 levels: Administrator, Operator and User
Security Measures	User authentication (ID and PW), Host authentication (MAC address); HTTPS encryption; IEEE 802.1x port-based network access control; IP address filtering
Client	iVMS-4200, iVMS-5200, iVMS -4500
Web Browser	IE 8+, Firefox 30+, Safari 8.0+ web browser
Interface	
Audio	1-ch audio input/1-ch audio output
Network Interface	1× RJ45 10 M/100 M Ethernet interface
Alarm	1-ch alarm in1put/1-ch alarm output
RS-485	Half duplex, HIKVISION, Pelco-P, Pelco-D, self-adaptive
Analog Output	1.0V[p-p]/75 Ω, PAL/NTSC, BNC
General	
Power	100 VAC to 240 VAC & PoE+ (IEEE802.3at class4) Max. 25 W
Working Environment	Temperature: Outdoor: -40°C to 60°C (-40° F to 140° F) Humidity: ≤ 95%
Protection Level	IP68 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection
Enclosure Material	Stainless Steel 316L
Explosion-Proof	CML 17ATEX1189X:  II 2 G Ex db op is IIC T6 Gb/  II 2 D Ex tb op is IIIC T80°C Db IECEX CML 17.0103X: Ex db IIC T6 Gb/Ex tb IIIC T80°C Db 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.
Installation	Wall mounting
Dimensions	513.2 × 169 × 308 mm (20.2"× 6.65" × 12.13")
Weight	Approx. 17.5 kg (38.58 lb)

DORI

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

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

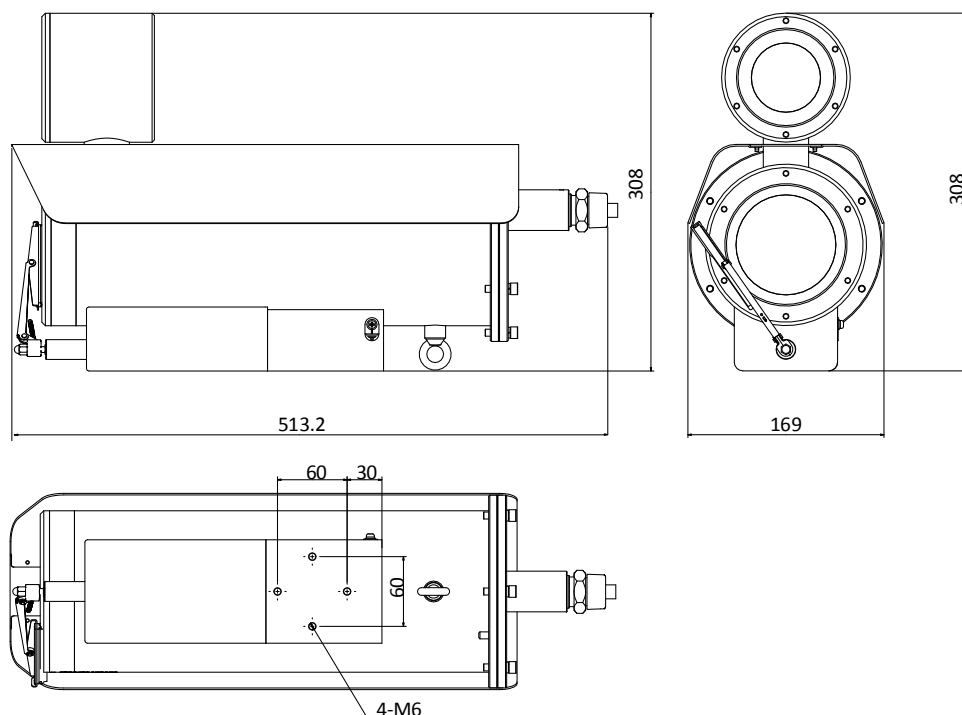
DORI	Detect	Observe	Recognize	Identify
Definition	25 px/m	63 px/m	125 px/m	250 px/m
Distance (Tele)	2154.7 m (7067.4 ft)	855.0 m (2804.4 ft)	430.9 m (1413.4 ft)	215.5 m (706.84 ft)

Order Model

DS-2DB4236I-CWX (WE/316L) 100 VAC to 240 VAC & PoE+ (IEEE802.3at class4)

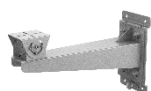
**You are recommended to purchase memory card together with the product if needed. After ordering, the memory card will be installed to product during manufacturing.*

Dimensions



Accessories

Optional



DS-1707ZJ-Y-AC(OS)

Wall mount (316L stainless steel)



DS-1677ZJ-XS-1.0 (D)

Flexible conduit



DS-2780ZJ-X/316L(OS)

Explosion-proof terminal box

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