

DarkFighter



## DS-2DB4223I-CX (WE) 2 MP 23× Explosion-Proof IR Zoom Bullet Camera



II 2 G Ex db op is IIC T6 Gb  
II 2 D Ex tb op is IIC T80°C Db

Hikvision DS-2DB4223I-CX (WE) 2 MP 23× Explosion-Proof IR Zoom Bullet Camera adopts 1/1.8" progressive scan CMOS chip. With the 23× 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, military 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
- 23× 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

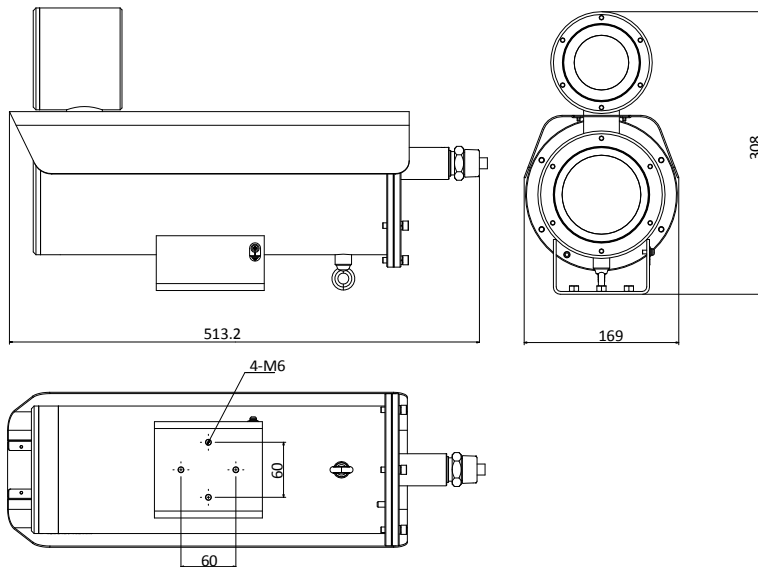
<b>Camera Module</b>	
<b>2 MP 23× Explosion-Proof IR Zoom Bullet Camera</b>	
Image Sensor	1/1.8" progressive scan CMOS
Min. Illumination	Color: 0.002 Lux @(F1.5, AGC ON) B/W: 0.0002 Lux @(F1.5, AGC ON) 0 Lux with IR
White Balance	Auto/Manual/ATW (Auto Tracking White Balance)/Indoor/Outdoor/Fluorescent 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
<b>Lens</b>	
Focal Length	5.9 mm to 135.7 mm, 23× Optical
Zoom Speed	Approx. 4.8 s (optical lens, wide-tele)
FOV	Horizontal field of view: 59.8° to 3.0° (wide-tele) Vertical field of view: 33.6° to 1.7° (wide-tele) Diagonal field of view: 68.6° to 3.4° (wide-tele)
Working Distance	10 mm to 1500 mm (wide-tele)
Aperture Range	F1.5 to F3.4
<b>PTZ</b>	
Presets	255
Park Action	Support
<b>IR</b>	
IR Distance	200 m
Smart IR	Support
<b>Compression Standard</b>	
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
<b>Smart Feature</b>	
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.
<b>Image</b>	
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
<b>Network</b>	
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
<b>Interface</b>	
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
<b>General</b>	
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 304
Explosion-Proof Certificate No.	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 op is IIC T6 Gb/Ex tb op is IIIC T80°C Db
Installation	Wall mounting
Dimensions	513.2 × 169 × 308 mm (20.2"× 6.65" × 12.13")
Weight	Approx. 16.5 kg (36.38 lb)

## Order Model

DS-2DB4223I-CX (WE) 100 VAC to 240 VAC & PoE+ (IEEE802.3at class4)

## Dimensions



## Accessories



DS-1707ZJ

Wall mount (304 stainless steel)



DS-1707ZJ-E

Wall mount (304 stainless steel)



DS-1677ZJ-XS-1.0 (D)

Flexible conduit



DS-2780ZJ-X

Explosion-proof terminal box



DS-1708ZJ

PT joint (304 stainless steel)

Distributed by



### Headquarters

No.555 Qianmo Road, Binjiang District,  
Hangzhou 310051, China  
T +86-571-8807-5998  
overseasbusiness@hikvision.com

**Hikvision USA**  
T +1-909-895-0400  
sales.usa@hikvision.com

**Hikvision Australia**  
T +61-2-8599-4233  
salesau@hikvision.com

**Hikvision India**  
T +91-22-28469900  
sales@pramahikvision.com

**Hikvision Canada**  
T +1-866-200-6690  
sales.canada@hikvision.com

**Hikvision Thailand**  
T +662-275-9949  
sales.thailand@hikvision.com

**Hikvision Europe**  
T +31-23-5542770  
sales.eu@hikvision.com

**Hikvision Italy**  
T +39-0438-6902  
info.it@hikvision.com

**Hikvision Brazil**  
T +55 11 3318-0050  
Latam.support@hikvision.com

**Hikvision Turkey**  
T +90 (216)521 7070- 7074  
sales.tr@hikvision.com

**Hikvision Malaysia**  
T +601-7652-2413  
sales.my@hikvision.com

**Hikvision UK & Ireland**  
T +01628-902140  
sales.uk@hikvision.com

**Hikvision South Africa**  
Tel: +27 (10) 0351172  
sale.africa@hikvision.com

**Hikvision France**  
T +33(0)1-85-330-450  
info.fr@hikvision.com

**Hikvision Kazakhstan**  
T +7-727-9730667  
nikia.panfilov@hikvision.ru

**Hikvision Vietnam**  
T +84-974270888  
sales.vt@hikvision.com

**Hikvision UAE**  
T +971-4-4432090  
salesme@hikvision.com

**Hikvision Singapore**  
T +65-6684-4718  
sg@hikvision.com

**Hikvision Spain**  
T +34-91-737-16-55  
info.es@hikvision.com

**Hikvision Tashkent**  
T +99-87-1238-9438  
uzb@hikvision.ru

**Hikvision Hong Kong**  
T +852-2151-1761  
info.hk@hikvision.com

**Hikvision Russia**  
T +7-495-669-67-99  
saleru@hikvision.com

**Hikvision Korea**  
T +82-(0)31-731-8817  
sales.korea@hikvision.com

**Hikvision Poland**  
T +48-22-460-01-50  
info.pl@hikvision.com

**Hikvision Indonesia**  
T +62-21-2933759  
Sales.Indonesia@hikvision.com

**Hikvision Colombia**  
sales.colombia@hikvision.com