

PB-2EXD-VBZ 36X

2 MP 36× Explosion-Proof, Dark Fighter Zoom Bullet Camera



DARKFIGHTER



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



The PB-2EXD-VBZ 36X 2MP 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, 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
- 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

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2 MP 36× Explosion-Proof, Dark Fighter Zoom Bullet Camera

| 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) |

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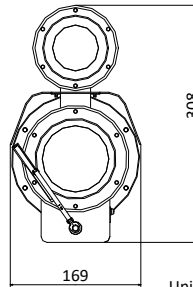
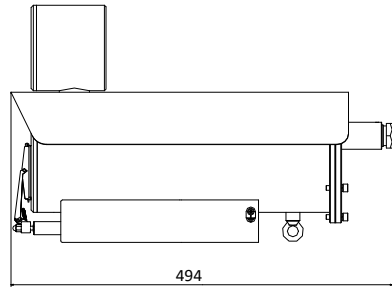
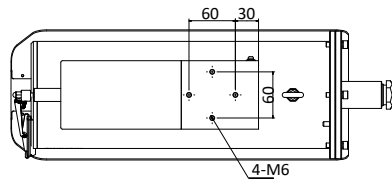
| | |
|---------------------------------|--|
| Third Stream | 50Hz: 25fps (1280 × 960, 1280 × 720, 704 × 576, 640 × 480, 352 × 288) 60Hz: 30fps (1280 × 960, 1280 × 720, 704 × 480, 640 × 480, 352 × 240) |
| Image Enhancement | HLC/BLC/3D DNR/Regional Exposure/Regional Focus |
| SVC | Support |
| Network | |
| Network Storage | Built-in memory card slot, support Micro SD/SDHC/SDXC, up to 128 GB; NAS (NPS, SMB/ CIPS), 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 Certificate No. | CML 17ATEX1189X IECEX CML 17.0103X |
| Installation | Wall mounting |
| Dimensions | 494 mm × 169 mm × 308 mm (19.45" × 6.65" × 12.13") |
| Weight | Approx. 17.5 kg (38.58 lb) |

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Dimensions

100 VAC to 240 VAC & PoE+ (IEEE802.3at class4)



Unit: mm

Accessories



1707ZJ-Y

Wall Mount