BulletCamera

# MOBOTIX MOVE **BC-4-IR**

Technical Specifications

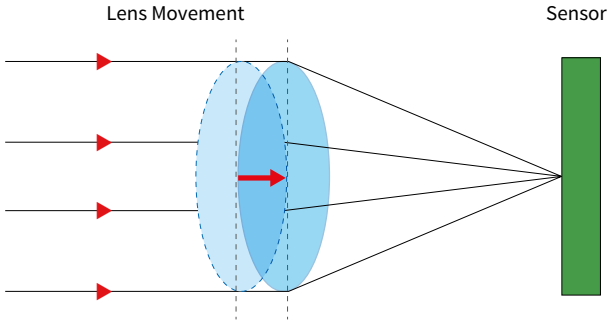
- ➡ Zoom Lens/Motorized Lens with Auto Focus Function
- ➡ Wide Dynamic Range (WDR) 120db
- ➡ Dual IRIS Support (Auto-IRIS & P-IRIS)
- ➡ Remote Zoom/ Focus /IRIS Control on AF Lens
- ➡ Triple Power Support (PoE/DC12V/AC24V)
- ➡ IR LED built in
- ➡ IP66 and IK10
- ➡ Extended temperature range up to 65°C

**Product Features:**

- Multiple Progressive Scan CMOS Sensor Support with 4MP Resolution
- Multi Exposure WDR
- Multi Codec Support (H.264/MJPEG)
- Low Latency Streaming
- Triple Stream Support
- True Day/Night Function (ICR)
- IR LED (Working Distance up to 30 m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Smart Event Function: External Output/ Motion Detection/ Network Failure Detection/
- Tampering Alarm/ Periodical Event/ Manual Trigger/ Audio Detection
- Text Overlay and Privacy Masks
- Micro SD/ SDHC/ SDXC Card Support
- ONVIF Profile S/ G Support
- Smart Low Bitrate Control
- Weatherproof (IP66)
- IK10

## Auto Focus

The MOBOTIX MOVE BulletCamera BC-4-IR can perform fast, reliable auto focus and can adapt to different indoor and outdoor scenes through its unique algorithm. As auto focus can be done by camera itself, no on-site focus adjustment is required.




## 4MP WDR

The MOBOTIX MOVE BulletCamera BC-4-IR utilizes state of the art image processing technology, providing 4MP resolution high quality video. Its WDR capability captures more image detail under challenging light conditions, such as entrance area, warehouse loading bay or parking lot.

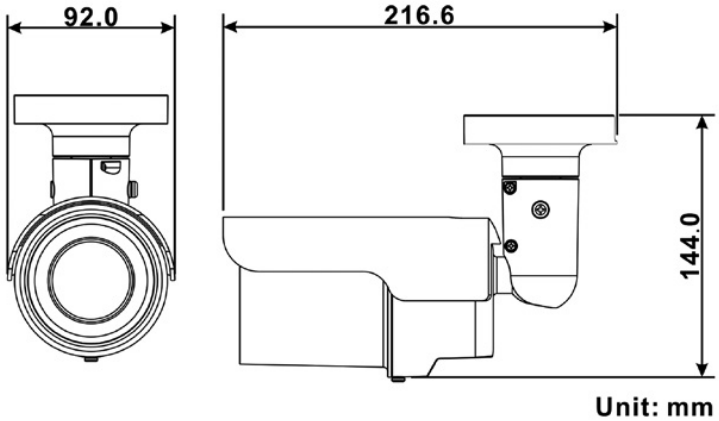
## MOBOTIX MOVE BulletCamera BC-4-IR – Specification:

| MOBOTIX MOVE BulletCamera BC-4-IR | | |
|---|---|---|
| **MOBOTIX Order Number** | Mx-BC1A-4-IR | |
| Image<br>Sensor | 4MP<br>1/3“ Progressive CMOS | |
| Effective Pixels | H x V = 2688 x 1520 (4MP) | |
| Pixel Size | 2.0 µm | |
| Frame Rate (Maximum) | H.264: WDR 4MP@30fps + d1@30fps<br>MJPEG: 1080p@30fps | |
| Lens | | |
| Minimum Illumination | Color<br>B/W | 0.1 lux<br>0.01 lux |
| Lens | Zoom Lens<br>Focal Length<br>Horizontal (Field of View) Vertical (Field of View) | Focus, Zoom, P-Iris, Auto-Iris, F1.7 3 to 9 mm<br>103° (Wide), 35° (Tele)<br>53° (Wide), 23° (Tele) |

| Camera | |
|---|---|
| Day and Night | Automatically removable IR-cut Filter |
| Shutter Time | 1 to 1/10K sec. |
| WDR | Yes |
| EIS | No |
| Zoom | Optical Zoom, Digital Zoom ready by Lens Type |
| Image Settings | Color, Brightness, Sharpness, Contrast White Balance, Exposure Control 2DNR, 3DNR, NR by Motion Masking, Text Overlay |
| Corridor Mode | 90°, 180°, 270° Rotation |
| **Video Codec** | |
| Compression | H.264/MJPEG |
| Streaming | Up to 3 individually configurable Streams in H.264/ MJPEG Configurable Resolution/Frame Rate/Band-width LBR/VBR/CBR in H.264 |
| **Audio Codec** | |
| Compression | G.711/G.726/AAC/LPCM |
| Streaming | 2-Way |
| Audio Input | Line in |
| Audio Output | Line out |
| **Network** | |
| Interface | 10/100 Mbps Ethernet |
| Security | User Authentication/HTTPS/IP Filter/IEEE 802.1x |
| Supported Protocols | ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS |
| ONVIF | Profile S/G conformant |
| **System Integration** | |
| Analytics | Motion Detection/Tampering/Audio Detection |
| Event Triggers | External Input, Analytics, Network Failure Detection, Periodical Event, Manual Trigger |
| Event Actions | External Output Activation<br>Video and Audio Recording to Edge Storage<br>File Upload:<br>FTP, Network Share and Email Notification:<br>HTTP, FTP, Email |

# Technical Specifications: BulletCamera BC-4-IR

| General | | |
|---|---|---|
| Casing | Metal and Plastic | |
| Power | PoE IEEE802.3af<br>or DC 12 V, 2.12 A<br>or AC 24 V;<br>max 13.68 W | |
| Connectors | RJ45 | |
| | Alarm in x4, Alarm out x1, Terminal Block | |
| | DC12V Terminal Block | |
| | AC24V Terminal Block | |
| | Audio in 3.5 mm Jack | |
| | Audio out 3.5 mm Jack | |
| IR Illumination | Illumination Distance: up to 30 m | |
| Storage | Support for microSD/microSDHC/microSDXC card<br>Support for Recording to NAS | |
| Protection Class | IP66/ IK10 | |
| Operating Conditions | -30°C to 65°C (-22°F to 131°F) without Heater<br>-55°C to 65°C (-67°F to 131°F) with Heater<br>10 % to 90 %, no Condensation | |
| Storage Conditions | -20°C to 70°C (-4°F to 158°F) | |
| Approvals | EMC<br>Safety<br>Environment | CE / FCC<br>LVD<br>IP66 |
| Dimensions | Ø92 x 220 mm | |
| Weight | 780 g | |

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