BulletCamera

MOBOTIX MOVE **BC-4-IR-D**

Technical Specifications

➡ Motorized Zoom Lens with Auto Focus Function

➡ 9 to 22 mm Lens especially for greater Distances

➡ Wide Dynamic Range (WDR) 120db

➡ Auto-Iris

➡ Remote Zoom & Focus

➡ Triple Power Support (PoE/DC12 V/AC24 V)

➡ IR LED built in

➡ IP66 and IK10 (housing only)
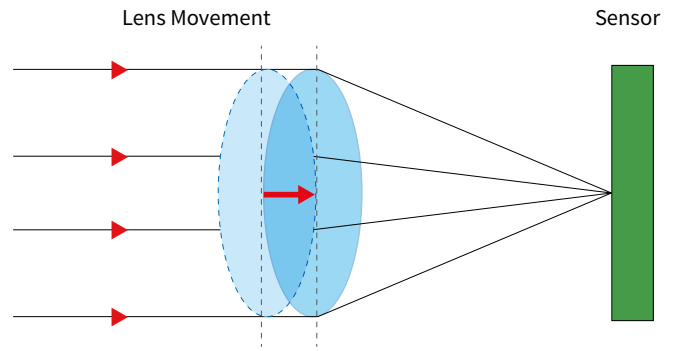
➡ Extended Temperature Range up to 60 °C

Product Features:
• 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 40 m)
• 3D Motion Compensated Noise Reduction (MCTF)
• Smart Event Function: External Output/Motion Detection/Network Failure Detection/Tampering Alarm/Peri-
  odical Event/Manual Trigger/Audio Detection
• Text Overlay and Privacy Masks
• microSD (SDHC/SDXC) Card Support
• ONVIF Profile S/G Support
• Smart Low Bitrate Control
• Weatherproof (IP66)
• IK10 (housing only)

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Auto Focus

The MOBOTIX MOVE BulletCamera BC-4-IR-D 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.

Lens Movement   Sensor

4MP WDR

The MOBOTIX MOVE BulletCamera BC-4-IR-D 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.

Without HDR   With HDR

Technical Specifications

MOBOTIX MOVE BulletCamera BC-4-IR-D		
MOBOTIX Order Number	Mx-BC1A-4-IR-D	
Image Sensor	4MP 1/3" Progressive CMOS	
Effective Pixels	H x V = 2688 x 1512 (4MP)	
Pixel Size	2.0 µm	
Frame Rate (Maximum)	H.264: WDR 4MP@30 fps + d1@30 fps MJPEG: 1080p@30 fps	
Lens		
Minimum Illumination	Color B/W	0.1 lux 0.01 lux
Lens	Motorized Zoom Lens Focal Length Horizontal (Field of View) Vertical (Field of View)	Focus, Zoom, DC Iris, F1.6 9 to 22 mm 35° (Wide), 15° (Tele) 20° (Wide), 9° (Tele)

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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/Bandwidth 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 Video and Audio Recording to Edge Storage File Upload: FTP, Network Share and Email Notification: HTTP, FTP, Email

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General	
Casing	Metal and Plastic
Power	PoE IEEE802.3af or DC 12 V, 2.12 A or AC 24 V; max 13.68 W
Connectors	RJ45
	Alarm in x4, Alarm out x1, Terminal Block
	DC12 V Terminal Block
	AC24 V Terminal Block
	Audio in 3.5 mm Jack
	Audio out 3.5 mm Jack
IR Illumination	Illumination Distance: up to 40 m
Storage	Support for microSD/microSDHC/microSDXC card Support for Recording to NAS
Protection Class	IP66/IK10 (housing only)
Operating Conditions	-30 °C to 60 °C (-22 °F to 140 °F) 10 % to 90 %, no Condensation
Storage Conditions	-20 °C to 70 °C (-4 °F to 158 °F)
Approvals	EMC / CE/FCC Safety / LVD Environment / IP66, IK10
Dimensions	Ø92 x 220 mm
Weight	780 g

92.0   216.6   144.0

Unit: mm