VandalBullet

MOBOTIX MOVE **VB-4-IR**

Technical Specifications

➡ Motorized Vari-Focal Lens with One-Push Auto Focus

➡ 2.7 to 12 mm Lens

➡ Wide Dynamic Range (WDR) 120db

➡ Auto-Iris

➡ Remote Zoom & Focus

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

➡ IR LED built in

➡ IP66 and Full IK10

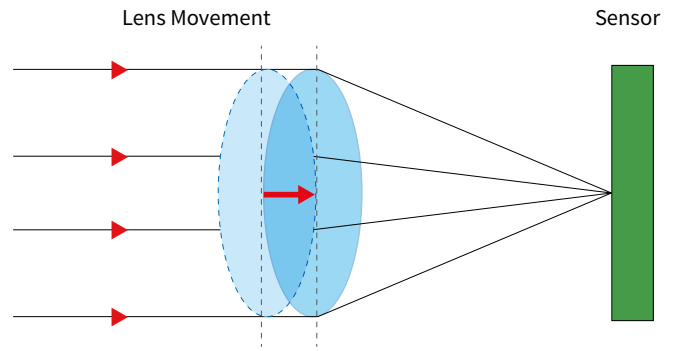➡ Extended Temperature Range up to 60 °C

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 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
- microSD (SDHC/SDXC) Card Support
- ONVIF Profile S/G Support
- Smart Low Bitrate Control
- Weatherproof (IP66)
- Vandal Proof (Full IK10 Rating)

Beyond**Human**Vision

MOBOTIX MOVE

Auto Focus

The MOBOTIX MOVE VandalBullet VB-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.

Lens Movement   Sensor

IK 10

The MOBOTIX MOVE VandalBullet VB-4-IR is fully protected against punishing weather, vandals, vibration and shock. Its durability translates into better reliability and usability by reducing maintenance time.

Technical Specifications

MOBOTIX MOVE VandalBullet VB-4-IR		
MOBOTIX Order Number	Mx-VB1A-4-IR	
Image Sensor	4MP 1/3" Progressive CMOS	
Effective Pixels	HxV = 2720x1536(4M)	
Pixel Size	2.0 µm	
Frame Rate (Maximum)	H.264 4M @30 fps + d1 @30 fps MJPEG 1080p @30 fps	
Lens		
Minimum Illumination	Color B/W	0.1 lux 0.01 lux
Lens	Motorized Vari-Focal Lens Focal Length Horizontal (Field of View) Vertical (Field of View)	Focus, Zoom, P-Iris, F1.6 2.7 to 12 mm 99 ° (Wide), 31 ° (Tele) 53 ° (Wide), 23 ° (Tele)

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Camera	
Day and Night	Automatically removable IR-cut Filter
Shutter Time	1 to 1/10K sec.
HDR	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/Q 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
General	
Casing	Metal
Power	PoE IEEE802.3af, class 0 DC12 V, 1.14 A, max 13.68 W AC24 V, max 13.68 W

Connectors	RJ45	
	Alarm in x2, 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	
	CVBS Connector	
IR Illumination	Illumination Distance: up to 30 m	
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to NAS	
Protection Class	IP66/Full IK10	
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	Ø105x233.8 mm	
Weight	1210 g	

Unit: mm