MOBOTIX MOVE **VD-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/IRIS Control on AF Lens

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

➡ Quick Connection Mounting

➡ Integrated IR LEDs

➡ IP66 and Full IK10

➡ Temperature Range –55 to 65 °C/–41 to 149 °F with heater
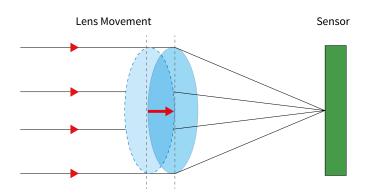
Product Features:

- Progressive Scan CMOS Sensor Support with 4MP Resolution
- Multi Exposure WDR
- Multi Codec Support (H.264/H.265/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/T Support
- Smart Low Bitrate Control
- Weatherproof (IP66)
- Vandal Proof (Full IK10 Rating)
- Zero-Down-Time (ZDT) Power Switching
- Integrated browser support (Internet Explorer 10 or higher with ActiveX recommended for best performance)

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MOBOTIX MOVE

Auto Focus

The MOBOTIX MOVE VandalDome VD-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

IK10 Rating

The MOBOTIX MOVE VandalDome VD-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 VandalDome VD-4-IR		
MOBOTIX Order Number	Mx-VD1A-4-IR	
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/H.265: 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 Vari-Focal Lens Focal Length Horizontal (Field of View) Vertical (Field of View)	Focus, Zoom, P-Iris, F1.7, 2.7 to 12 mm 103 ° (Wide), 35 ° (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.
WDR	Yes
EIS	No
Zoom	Optical 4.4x, digital 10x
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/H.265/MJPEG
Streaming	Up to 3 individually configurable Streams in H.264/H.265/MJPEG Configurable Resolution/Frame Rate/Bandwidth LBR/VBR/CBR in H.264/H.265
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 , SMBv2
ONVIF	Profile S/G/T conformant
Supported Browsers	Microsoft Internet Explorer 10 or higher, Google Chrome, Mozilla Firefox, Apple Safari; (Internet Explorer 10 or higher with ActiveX recommended for best performance)
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 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 x2, Terminal Block
	DC12 V Terminal Block
	AC24 V Terminal Block
	Audio in Terminal Block
	Audio out Terminal Block
	CVBS Connector (available with max. 2 activated streams)
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	Temperature range: –55 to 65 °C/–41 to 149 °F with Heater ON Relative humidity: 10 to 90 %, non-condensing
Storage Conditions	–20 °C to 70 °C (–4 °F to 158 °F)
Approvals	EMC CE/FCC Safety LVD Environment IP66, IK10
Dimensions	ø 133.8 x 117.4 mm
Weight	760 g

Unit: mm