Vandal Dome

MOBOTIX MOVE VD-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)
- → Quick Connection Mounting
- → IR LED built in
- → IP66 and IK10
- ⇒ Extended temperature range up to 65°C



Product Features:

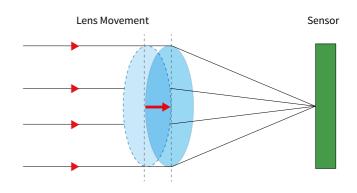
- Multiple Progressive Scan CMOS Sensor Support with 4MP Resolution
- Multi Exposure WDR
- Multi Codec Support (H.264/MJPEG)
- Low Latency Streaming
- Triple Stream Support
- True Day/Night Function (ICR)
- IR LED (Working Distance up to 30 m)
- 3D Motion Compensated Noise Reduction (MCTF)
- Smart Event 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)
- Vandal Proof (IK10 Rating)
- · Zero-Down-Time (ZDT) Power Switching



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.



IK10 Rating

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

MOBOTIX MOVE VandalDome VD-4-IR – Specification:

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 1520 (4MP)			
Pixel Size	2.0 μm			
Frame Rate (Maximum)	H.264: WDR 4MP@30fps + d1@30fps MJPEG: 1080p@30fps			
Lens: 30X Zoom Lens				
Minimum Illumination	Color B/W	0.1 lux 0.01 lux		
Lens	Zoom Lens Focal Length Horizontal (Field of View) Vertical (Field of View)	Focus, Zoom, P-Iris, Auto-Iris, F1.7 3 to 9 mm 103° (Wide), 35° (Tele) 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/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	

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General			
Casing	Metal and Plastic		
Power	PoE IEEE802.3af,		
	DC 12 V, 2.12 A, max 13.68 W		
	AC 24 V, max 13.68 W		
Connectors	RJ45		
	Alarm in x4, Alarm out x2, Terminal Block		
	DC12V Terminal Block		
	AC24V Terminal Block		
	Audio in Terminal Block		
	Audio out Terminal Block		
	CVBS Connector		
IR Illumination	Illumination Distance: up to 30 m		
Storage	Support for microSD/microSD	HC/microSDXC card	
	Support for Recording to NAS		
Protection Class	IP66/ IK10		
Operating Conditions	-30°C to 65°C (-22°F to 131°F) without Heater		
	-55°C to 65°C (-67°F to 131°F) with Heater		
	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	Ø133.8 x 117.4 mm		
Weight	760 g		

