

VandalDome

# MOBOTIX MOVE VD-2-IR

## Technical Specifications

- Vari-Focal Lens
- 2.8 to 12 mm Lens
- Wide Dynamic Range (WDR) 120db
- Fixed Iris
- PoE
- Quick Connection Mounting
- Integrated IR LEDs
- IP66 and Full IK10
- Extended temperature range up to 60 °C



### **Product Features:**

- Multiple Progressive Scan CMOS Sensor Support up to 2M Resolution
- Multi-exposure WDR
- Low Latency Streaming
- Low Power Consumption on Encoding
- Quad codec support (H.264 Baseline/Main Profile/High Profile/MJPEG)
- Tampering Alarm
- Motion Detection
- Text Overlay and Privacy Masks
- 3D Motion Compensated Noise Reduction (MCTF)
- Day/Night (ICR)
- IR LED Module support (working distance up to 25 m)
- 64 GB microSD (SDHC/SDXC) Card Support
- ONVIF Profile S/G Support

# Technical Specifications: MOBOTIX MOVE VandalDome VD-2-IR

MOBOTIX MOVE VandalDome VD-2-IR		
<b>MOBOTIX Order Number</b>		Mx-VD1A-2-IR
Image Sensor		1/3" Progressive CMOS
Effective Pixels		1920(H) x 1080(V)
Minimum Illumination	Color	0.1 lux
	B/W	0.01 lux
Shutter Speed		1–1/10000 sec.
S/N ratio		> 50 dB
Lens		
Lens		Manual Vari-Focal Lens
Focal Length		2.8–12 mm
F Number		F1.4
FOV		91.61 ° (Wide); 34.29 ° (Tele)
Operation		
Multiple Languages		English/French/German/Italian/Japanese/Korean/Portuguese/Russian/Simplified Chinese/Spanish/Traditional Chinese
Image	Iris Control	Fixed Iris
	Backlight Compensation	On/Off
	White Balance	Auto/Manual/ATW/One Push
	Noise Reduction 3D/2D/Color	Low/Middle/High/Off (w/Motion Compensation)
	Wide Dynamic Range	Shutter WDR On/Off (120 dB)
	Privacy Mask	On/Off
	Brightness	Manual
	Exposure	Auto/Manual
	Sharpness	Manual
	Contrast	Manual
	Saturation	Manual
	Hue	Manual
	Zoom	Optical 4.3x, digital 10x
	ICR	Auto/Smart/Day/Night
ICR + IR LED	Auto/LED On/LED Off/Smart IR/Light Sensor/Day/Night	
Event Setting	Motion Detection	By Schedule/On/Off
	Tampering Alarm	By Schedule/On/Off
	Network Failure Detection	By Schedule/On/Off
	Audio Detection	On/Off



Network		
Interface		RJ45, 10/100 Mbps Ethernet
Video Compression		H.264 (MPEG-4 Part 10/AVC)/MJPEG
Video Streaming	Dual Streams	2M @25/30 fps + SVGA @25/30 fps 1080p @25/30 fps + D1 @25/30 fps H.264 1080p @25/30 fps + H.264 SVGA@15 fps + H.264 CIF@15 fps + H.264 CIF@15 fps
Video Resolution	H.264	Full HD 1080P/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF
	MJPEG	Full HD 1080P/SXGA/HD 720P/XGA/SVGA/D1/VGA/CIF
Protocol		IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF
Security		HTTPS/IP Filter/IEEE 802.1X
Event Notification		HTTP/FTP/SMTP
SD Card		64 GB microSD (SDHC/SDXC) card support
Supported Web Browser		Internet Explorer (7.0+)/Firefox/Safari
User Account		20
Password Levels		User and Administrator
Mechanical		
Built-in IR Illuminator	Working Distance	Up to 25 m
	Wavelength	850 nm
	Number of LEDs	8
LED Indicator		Power/ACT
Connectors	Ethernet	RJ45
General		
Start-Up Temperature		-20 °C-60 °C (-4 °F-140 °F)
Operating Temperature		-30 °C-60 °C (-22 °F-140 °F)
Humidity		10 %-90 %, no condensation
Protection Class		IP66, Full IK10
Dimension		ø 133.8 x 117.4 mm (ø 5.2 x 4.6 in.)
Weight		760 g (1.70 lb)

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Power Source	PoE
Power Consumption	PoE: 7.7 W
Regulatory	CE/FCC
Approvals	EN 50130-4; IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6 IP66, IK10

