

# **1 MOBOTIX AG**

## **Company Information**

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## **1.1 MOBOTIX MOVE VandalDome VD-2-IR-VA (Video Analytics)**



Product Designation:  
MOBOTIX MOVE VandalismDomeCamera

Mx Ordercode:  
Mx-VD2A-2-IR-VA

EAN Code:  
4047438037778

Intro Product:  
MOBOTIX MOVE Vandal Dome Network Camera VD-2-IR-VA (Video Analytics) •• Weatherproof ONVIF S / G / T dome camera with integrated IR LEDs (up to 40 m) for day and night operation •• Max. Image Resolution: 2MP (1920 x 1080), 1/2.7" Progressive CMOS •• Automatic changeover from color to B / W image (mechanical IR cut filter) •• Remote Zoom •• Motor-controlled Varifocal lens (F1.6: 2.7 to 12 mm, viewing angle H: 102.1°-31.5 °, V: 70.3 °-22.7 °) with Auto Iris with automatic adaptation to changing light situations •• 3-axis lens adjustment •• IP66, IK10 •• Ambient temperature -55 to 60°C, (heater on) humidity 10 to 90% non-condensing •• Video codecs: H.264, H.265, MJPEG (up to 4 video-streams simultaneously ) •• True WDR (130 dB) •• Max. Frame rate: 2MP H.264, H.265 30 fps WDR On, 60 fps WDR Off; MJPEG: max. 1080p @ 30 fps •• Power supply: PoE IEEE 802.3af or DC 12V (13W) or AC 24V; max 14 W•• Warranty: 2 years

Intro Web:  
MOBOTIX MOVE VandalDome VD-2-IR-VA (Video Analytics)

Camera Type:  
Dome Camera

Manual Lens Alignment:  
No

Microphone:  
No

Speaker:  
No

Application Area:  
Indoor  
Outdoor

MxBus:  
No

Servo-controlled Lens Alignment:  
Yes

Housing Shape:  
Dome

Housing Color:  
white

Housing Material:  
Metal and Plastic

Tamper Detection:  
Yes

Camera and data security:

User Authentication/HTTPS/IP Filter/IEEE 802.1x

Weight Packaging (g):  
1050

Height Packaging (mm):  
175

Width Packaging (mm):  
175

Length Packaging (mm):  
170

Volume Packaging (l):  
5.2

Material Packaging:  
Cardboard

Height Product:  
117.4

Diameter Product (mm):  
133.8

Weight Product (g):  
760

Integrated IR:  
Yes

Power Consumption (W):  
max. 13.68

Ambient Temperature (°C):  
- 55° to 60°C (-67° to 140°F) with Heater  
10% to 90%, no Condensation

IP Class:  
IP66

IK Class:  
IK10

Certificates:  
- EMC: CE / FCC  
- Safety: LVD  
- Environment: IP66

MTBF (h):  
40,000

PIR:  
No

Audio:  
Line in/out

DVR:

## Support for Recording to NAS

Intelligent Video Analysis:  
Integrated Video Analytics

Protocols:  
ARP, PPPoE, IPv4/v6, ICMP, IGMP, QoS, TCP, UDP, DHCP, UPnP, SNMP, SMTP, RTP, RTSP, HTTP, HTTPS, FTP, NTP, DDNS

Ethernet:  
10/100 Mbps Ethernet

Overvoltage Protection:  
optional via Mx-Overvoltage-Protection-Box

Mounting Options:  
Ceiling  
Pole  
Wall

Flash:  
Micro SD/ SDHC/ SDXC Card Support

LensType:  
Zoom

Image Angle horizontal:  
102,1° (Wide), 31,5° (Tele)

Image Angle vertical:  
70.3° (Wide), 22.7° (Tele)

Focal Length:  
2.7 to 12 mm

Aperture:  
F1.6

Automatical IR-cut Filter:  
Yes

Max. Frame Rate:  
H.265/H.264: HDR 2MP@30fps  
MJPEG: 1080p@30fps

Max. Image Size:  
1920 x 1080 (2MP)

Lens(es):  
Motorized lens: Zoom, Focus, Zoom, P-Iris

Image Format:  
16:9

Light Sensitivity:  
- Farbe: 0,08 lux  
- S/W: 0,008 lu

Video Codecs:  
H.264

H.265  
MJPEG

Image Processing:  
Color, Brightness, Sharpness, Contrast White Balance,  
Exposure Control 2DNR, 3DNR, NR by Motion  
Masking, Text Overlay

ONVIF compatibility:  
Profile S/G/T/Q conformant

Image Sensor:  
2MP, 1/2.7" Progressive CMOS

Wide Dynamic Range (WDR):  
Yes, 130dB

**Quantity:** ..... **Stk**    **UP:** .....    **TP:** .....