

1 MOBOTIX AG

Company Information

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1.1 MOBOTIX MOVE VandalDome VD-5-IR-VA (Video Analytics)



Product Designation:
MOBOTIX MOVE VandalismDomeCamera

Mx Ordercode:
Mx-VD1A-5-IR-VA

EAN Code:
4047438037792

Intro Product:
MOBOTIX MOVE Vandal Dome Network Camera VD-5-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: 5MP (2720 x 1976), 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 switched 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: 5MP 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-5-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 5MP@30fps
MJPEG: 1080p@30fps

Max. Image Size:
2720 x 1976 (5MP)

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:
5MP, 1/2.7" Progressive CMOS

Wide Dynamic Range (WDR):
Yes, 130dB

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