

1 MOBOTIX AG

Company Information

MOBOTIX AG

Kaiserstrasse
67722 Langmeil

Phone +49 (0)6302 9816-0

Fax +49 (0)6302 9816-190

info-intl@mobotix.com

<http://www.mobotix.com>

1.1 MOBOTIX MOVE VandalBullet VB-5-IR-VA (Video Analytics)



Product Designation:
MOBOTIX MOVE BulletCamera

Mx Ordercode:
Mx-VB1A-5-IR-VA

EAN Code:
4047438037808

Intro Product:
MOBOTIX MOVE Vandal Bullet Network Camera VB-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 •• 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: 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 VandalBullet VB-5-IR-VA (Video Analytics)

Camera Type:
Vandal Bullet Camera

Manual Lens Alignment:
No

Microphone:
No

Speaker:
No

Application Area:
Outdoor
Indoor

MxBus:
No

Servo-controlled Lens Alignment:
Yes

Housing Shape:
Bullet

Housing Color:
white

Housing Material:
Metal and Plastic

Tamper Detection:
Yes

Camera and data security:
User Authentication/HTTPS/IP Filter/IEEE 802.1x

Interfaces:

- RJ45
- Alarm in x2, Alarm out x1, Terminal Block
- DC12V Terminal Block
- AC24V Terminal Block
- Audio in 3.5 mm Jack
- Audio out 3.5 mm Jack
- CVBS Connector

Weight Packaging (g):

1460

Height Packaging (mm):

175

Width Packaging (mm):

200

Length Packaging (mm):

296

Volume Packaging (l):

10.36

Material Packaging:

Cardboard

Height Product:

139.8

Width Product (mm):

105

Depth Product (mm):

233.8

Diameter Product (mm):

105

Weight Product (g):

1210

Integrated IR:

Yes

Power Consumption (W):

max. 13.68 W

Power Supply:

PoE IEEE802.3af, Class 0

DC 12 V, 1.14 A

AC 24 V

Ambient Temperature (°C):

-55 to 60°C (heater on)

humidity 10 to 90% non-condensing

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:
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:
Floor
Ceiling
Wall
Pole

Flash:
Micro SD/ SDHC/ SDXC Card Support

LensType:
Zoom

Image Angle horizontal:
102° (Wide), 31.5 ° (Tele)

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

Focal Length:
2.7 to 12 mm

Aperture:
F1.6

Automatical IR-cut Filter:

Yes

Max. Frame Rate:
H.264+H.265: 5MP@30fps
MJPEG: 1080p@30fps

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

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

Image Format:
16:9

Light Sensitivity:
- Color: 0.1 lux
- B/W: 0.01 lux

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:

Image Sensor:
5MP, 1/2.7" Progressive CMOS

Wide Dynamic Range (WDR):
Yes, 130 dB

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