



# Technical Specifications

## MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

The MOBOTIX MOVE 5MP Varifocal IR Vandal Turret is designed to bring clarity and vigilance to your surveillance needs. This state-of-the-art turret camera with DNN-based video analytics combines advanced features with a compact and sleek design, making it an ideal choice for various indoor and outdoor applications. The Vari-Focal Turret Camera allows you to easily remote adjust the field of view and focus by a motorized lens, ensuring optimal positioning and alignment to meet the specific requirements of your surveillance scenario. The camera's weather-resistant design IP67 and IK10 ensures reliable operation even in challenging environmental conditions. Its compact turret form factor, combined with easy installation options, makes it a hassle-free choice.

- High Low-Light sensitivity
- 1/2.8" Progressive CMOS
- Motorized Vari-Focal Lens 2.7mm to 13.5mm
- WDR up to 120 dB
- Integrated adaptive IR Illumination, working distance up to 30 m/98 ft
- Triple Streaming H.264/H.265/MJPEG
- 2D & 3D Motion Compensated Noise Reduction (MCTF)
- ONVIF Profile S/G/T/M support
- Micro SD Card supports up to 512 GB.
- Integrated Microphone
- NDAA compliant
- DNN-based object detection with filtering (people/vehicles, etc.)
- Dual power Supply IEEE802.3af Class 3 / DC 12 V
- Temp. Range -30°C to 60°C/-22°F to 140 °F with integrated heater ON
- Protection Rate IP67 / IK10
- Intelligent Encoding, Smart Low Bitrate Control is same as Smart compression offering optimally useable bandwidth and storage.



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Product Information

|              |                                |
|--------------|--------------------------------|
| Product Name | 5MP Varifocal IR Vandal Turret |
| Order Code   | Mx-VT1A-503-IR                 |

Hardware Design

|                         |                                                        |
|-------------------------|--------------------------------------------------------|
| Processor               | Novatec NT98560 (Single-core ARM® Cortex®-A9, 960 MHz) |
| Memory                  | RAM: 512 MBytes<br>FLASH: 256 MBytes                   |
| Image Sensor            | 5MP, 1/2.8" Progressive CMOS                           |
| Effective (Used) Pixels | 2688x1944 (5MP)                                        |

Lens

|                      |                                                                                                             |
|----------------------|-------------------------------------------------------------------------------------------------------------|
| Minimum Illumination | Color: 0.18 lux<br>B/W: 0.09 lux, (0 lux, IR on)<br>F1.6, AGC=on, 30 IRE, 1/1 s                             |
| Lens Characteristics | Vari-Focal Lens<br>Focal Length: 2.7mm to 13.5mm<br>Aperture: F1.4-2.8<br>H x V FOV: 103°-31°(H) 76°-23°(V) |

Camera

|                       |                                                                      |
|-----------------------|----------------------------------------------------------------------|
| Day/Night             | Automatically switchable IR-cut filter                               |
| Shutter Speed         | Auto / Manual / WDR: 1 to 1/10000 s                                  |
| Shutter Priority Mode | Up to 1/7.5 s                                                        |
| Frame Rate (maximum)  | <b>WDR on/off:</b><br>H.265/H.264: 5MP@30 fps<br>MJPEG: 1080p@30 fps |
| Auto Gain             | Min. gain: 0 dB, max. gain: 36 dB, step size: 3                      |
| WDR                   | Up to 120 dB                                                         |

|                    |                                                                                                                            |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|
| Zoom               | Motorized optical: 2.67x                                                                                                   |
| Image Settings     | Color, Brightness, Sharpness, Contrast, White Balance, Gain Control, 2DNR, 3DNR, BLC, EV, Gamma corection, Saturation, Hue |
| Image Rotation     | 90°, 180°, 270°                                                                                                            |
| Camera Body Adjust | Pan/Tilt/Rotation                                                                                                          |

## Video Codec

|                      |                                                                                                                                                   |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Compression/Encoding | H.265/H.264/MJPEG                                                                                                                                 |
| Streaming            | Up to 3 individually configurable streams in H.264/H.265/MJPEG.<br>Configurable resolution, frame rate, bandwidth CVBR/CBR/istream in H.265/H.264 |

## Audio Codec

|                      |                       |
|----------------------|-----------------------|
| Compression/Encoding | G.711a/u              |
| Streaming            | One-way               |
| Audio Input          | Integrated Microphone |

## Cyber Security Features

|                                        |                                                                                                           |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------|
| Password Protection                    | Yes (including “forced” password change during initial setup)                                             |
| IP address filtering                   | Yes (to restrict unauthorized access based on IP addresses)                                               |
| IEEE 802.1X network access control     | Yes (for advanced network security and authentication)                                                    |
| Digest authentication                  | Yes (for secure user authentication)                                                                      |
| Secure Boot                            | Yes (support of fixed IP setting and automatic DHCP IP configuration according to individual MAC address) |
| AES encryption for password protection | Yes (to ensure strong encryption for password storage)                                                    |
| HTTPS/SSL (using TLS)                  | Yes (TLS 1.2 default, TLS 1.0/1.1 optional selectable)                                                    |
| User and Group Management              | Yes (for fine-grained access control)                                                                     |

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|                     |                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Advanced Security   | Yes (Active/Passive: <b>Active</b> protection controls the enabling and disabling of various network communications.<br><b>Passive</b> protection limits the number of operations and the duration of the ban. If the limit is reached, the user will be banned) |
| RTSP Authentication | Yes (for restricting unauthorized access to RTSP streams)                                                                                                                                                                                                        |
| SFTP                | Yes (network protocol that securely transfers files between a client and a server using SSH)                                                                                                                                                                     |

Network

|                     |                                                                                                                                                                 |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface           | 10/100 Mbps Ethernet                                                                                                                                            |
| Supported Protocols | ARP, DHCP, DNS, FTP, HTTP, HTTPS, ICMP, IGMP, IPv4/6, NTP, RTSP/RTCP/RTP, RTMP, QoS, SMTP, SNMP v1/2c/3, TCP, TLS/TTLS, UDP, UPnP, 802.1X, Bonjour, DDNS, PPPoE |
| ONVIF conformance   | Supports profiles S/G/T/M                                                                                                                                       |
| Supported Browsers  | Microsoft Edge, Firefox, Google Chrome                                                                                                                          |

System Integration

|               |                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Event Actions | <ul style="list-style-type: none"><li>■ Schedule Recording (JPG/MP4)</li><li>■ DNN-based video analytics (line counting, border line, object classification/filtering for people, vehicles, etc.)</li><li>■ Video and audio recording to edge storage</li><li>■ File upload: FTP and email</li><li>■ Notification: Email (JPG)</li><li>■ OSD indication</li><li>■ SD Card recording (*JPG/MP4)</li></ul> |
|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## General

|                                |                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing Material               | Metal                                                                                                                                                |
| Housing Color                  | RAL 9003                                                                                                                                             |
| Adaptive IR Illumination       | 850 nm; up to 30 m/98 ft distance depending on reflection of scenery                                                                                 |
| Video Storage                  | Micro SD card support up to 512 GB.<br>Support for recording to MOVE NVR, MOBOTIX Cloud (via MOBOTIX Bridge),<br>MOBOTIX HUB, MxMC (via MOBOTIX NAS) |
| Remotely Upgradable            | Yes                                                                                                                                                  |
| Power Requirements             | IEEE802.3af, class 3, max 10 watt<br>DC12V, max 10 watt                                                                                              |
| Connectors                     | <ul style="list-style-type: none"><li>■ RJ45</li><li>■ 1 x DC 12V Jack Socket</li><li>■ 1 x Reset / Default Button</li></ul>                         |
| Environmental Protection Class | IP67/IK10                                                                                                                                            |
| Operating Temperature          | −30°C to 60°C/−22°F to 140 °F with integrated heater ON                                                                                              |
| Relative Humidity              | 95 % non-condensing                                                                                                                                  |
| Storage Conditions             | −40 to 60 °C/−4 to 158 °F                                                                                                                            |
| Approvals                      | EMC: CE, FCC, BIS<br>Safety: LVD                                                                                                                     |
| Warranty                       | 5 years; mechanically wearable parts (motor, gears, belts, etc.) excluded                                                                            |
| Dimensions                     | ø 120 x 104 mm (overall)                                                                                                                             |
| Weight                         | 715 g                                                                                                                                                |

**NOTE!** Observe the [MOBOTIX MOVE Installation Hints](#) document to ensure optimum performance of the camera features.

# DORI Specifications

In the video surveillance context, “DORI” stands for Detection, Observation, Recognition and Identification and is based on IEC EN62676-4: 2015. These levels define the minimum pixels that a face of a person must have to provide proper identification, for example.

- **Detection:** Up to this distance, you can reliably determine if a person or vehicle is present.
- **Observation:** Up to this distance, you can see characteristic details of an individual, such as distinctive clothing.
- **Recognition:** Up to this distance, you can determine with a high degree of certainty whether an individual is the same as someone that has been seen before.
- **Identification:** Up to this distance, you can determine the identity of an individual beyond reasonable doubt.

| DORI Level<br>Order Code | Focal Length   | Detection       | Observation       | Recognition      | Identification   |
|--------------------------|----------------|-----------------|-------------------|------------------|------------------|
| Mx-VT1A-503-IR           | 2.7 mm (Wide)  | 23 m/ 75.66 ft  | 12 m/ 39.47 ft    | 9.8 m/ 32.24 ft  | 4 m/ 13.16 ft    |
|                          | 13.5 mm (Tele) | 52 m/ 171.05 ft | 31.6 m/ 103.95 ft | 25.8 m/ 84.87 ft | 10.9 m/ 35.86 ft |

## Dimensions

**NOTE!** Download the drilling template from the section or on the MOBOTIX website: [www.mobotix.com](http://www.mobotix.com) > [Support > Download Center > Marketing & Documentation > Drilling Templates](#).

**CAUTION!** Always print or copy the drilling template at 100% of the original size!

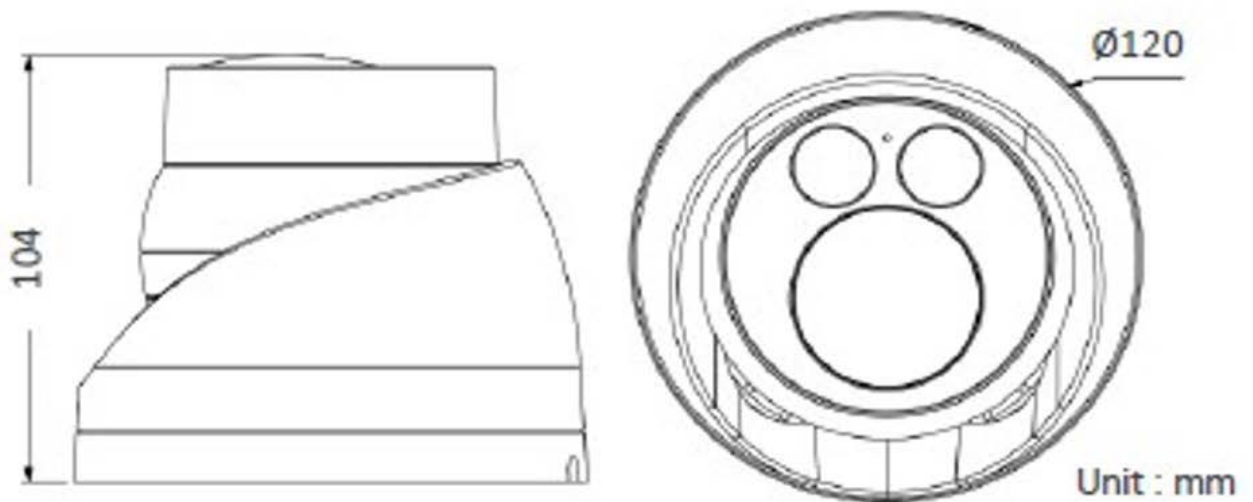
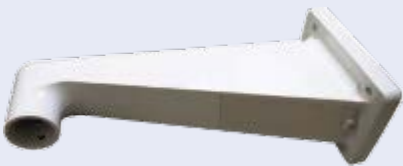


Fig. 1: Mx-VT1A-503-IR: All measurements in mm

# Accessories for Vandal Turret Cameras

| Picture/<br>Order Code                                                                           | Description                                                          | Compatible<br>Products                                                                                                                 | Material/<br>Color                                   | Weight  |
|--------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|---------|
| <br>Mx-M-SD-C   | Weatherproof corner mount for MOVE Speed Dome/Vandal Turret cameras. | All MOVE Speed Dome/Vandal Turret cameras.<br>Requires Mx-M-SD-W or Mx-M-SD-WL.<br><br><b>CAUTION!</b> Cannot be used with MX-M-SD-WM! | SPCC steel, hammer-blow painted<br>RAL9003           | 2.17 kg |
| <br>Mx-M-SD-P | Weatherproof pole mount for MOVE Speed Dome/Vandal Turret cameras.   | All MOVE Speed Dome/Vandal Turret cameras.<br>Requires Mx-M-SD-W or Mx-M-SD-WL.<br><br><b>CAUTION!</b> Cannot be used with MX-M-SD-WM! | Zinc-galvanized SECC steel, powder-coated<br>RAL9003 | 1.58 kg |



| Picture/<br>Order Code                                                                                         | Description                                                                                      | Compatible<br>Products                                                                  | Material/<br>Color                                          | Weight  |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------|---------|
|  <p>MX-MH-SecureFlex-ESWS</p> | Weatherproof pole mount for MOVE Speed Dome/Vandal Turret cameras <b>for extreme conditions.</b> | All MOVE Speed Dome/Vandal Turret cameras. Requires Mx-M-SD-W or Mx-M-SD-WL.            | Stainless steel 3 mm, white                                 | 1.23 kg |
| <b>CAUTION!</b> Cannot be used with MX-M-SD-WM!                                                                |                                                                                                  |                                                                                         |                                                             |         |
|  <p>Mx-M-SD-W</p>           | Weatherproof wall mount for MOVE Speed Dome/Vandal Turret cameras.                               | All MOVE Speed Dome/Vandal Turret cameras. Can be combined with Mx-M-SD-C or Mx-M-SD-P. | Die-cast ADC12 aluminium alloy, hammer-blow painted RAL9003 | 0.84 kg |
|  <p>Mx-M-SD-WL</p>          | Extended weatherproof wall mount for MOVE Speed Dome/Vandal Turret cameras.                      | All MOVE Speed Dome/Vandal Turret cameras. Can be combined with Mx-M-SD-C or Mx-M-SD-P. | Die-cast ADC12 aluminium alloy, hammer-blow painted RAL9003 | 1.5 kg  |

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| Picture/<br>Order Code                                                                                 | Description                                                                                                                                                                                                         | Compatible<br>Products                                                                                                                                   | Material/<br>Color                                                                                 | Weight |
|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|--------|
| <br><br>MX-M-SD-WM    | Weatherproof wall mount for MOVE Speed Dome/Vandal Turret cameras. Can also be mounted on top of wall mount junction box MX-M-SD-WMJB.                                                                              | All MOVE Speed Dome/Vandal Turret cameras.<br><br><b>NOTE!</b> Can be combined with MX-M-SD-WMJB (wall mount is mounted on top of junction box).         | Die-cast ADC12 aluminium alloy, RAL9003                                                            | 1.3 kg |
| <br><br>MX-M-SD-WMJB | Weatherproof wall mount junction box (IP67) for MOVE Speed Dome/Vandal Turret cameras. Allows for comfortable cabling and installation of additional HW equipment such as PoE Injectors, lightning protection, etc. | All MOVE Speed Dome/Vandal Turret cameras.<br><br><b>CAUTION!</b> Only to be used as base for Mx-M-SD-WM (wall mount is mounted on top of junction box). | Bracket: Steel, powder-coated RAL9003<br><br>Junction box: Die-cast ADC12 aluminium alloy, RAL9003 | 4.8 kg |

| Picture/<br>Order Code                                                             | Description                                                                                                                    | Compatible<br>Products                     | Material/<br>Color                                    | Weight  |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------------------------------|---------|
|  | Pendant mount kit incl. base mount, 25 cm/10 in pendant pipe, installation materials and safety wires 50 cm/20 in & 1 m/39 in. | All MOVE Speed Dome/Vandal Turret cameras. | Die-cast ADC10 aluminium alloy, powder-coated RAL9003 | 1.58 kg |

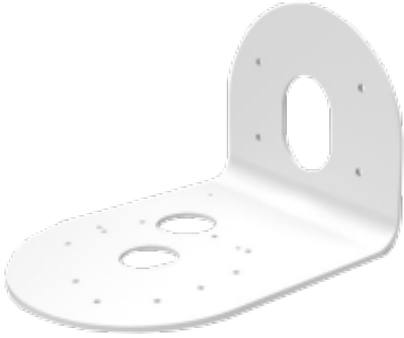
MX-M-SD-PM

|                                                                                     |                                            |                                                                             |                                                       |        |
|-------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------|--------|
|  | Extension pipe 25 cm/10 in for MX-M-SD-PM. | Extends MX-M-SD-PM; max. extended total length is 1 m/39 in (3 extensions). | Die-cast ADC10 aluminium alloy, powder-coated RAL9003 | 0.8 kg |
|-------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------|--------|

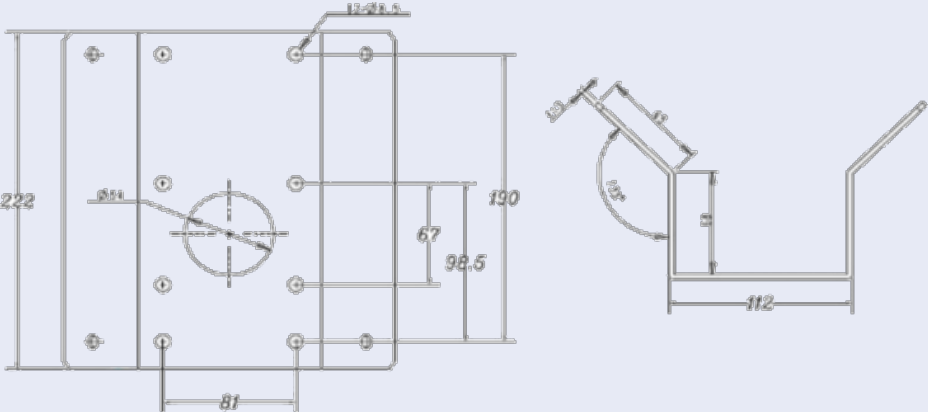
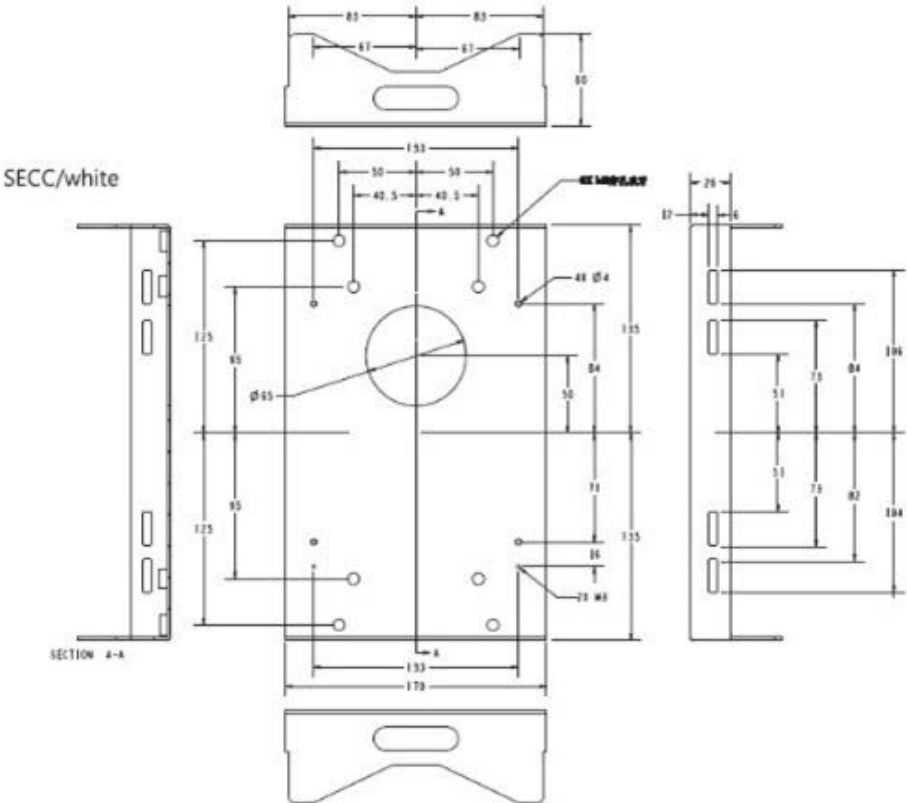
MX-M-SD-PMEXT

Technical Specifications
MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

| Picture/<br>Order Code                                                                               | Description                                                                                                                                                                                                                                                                                    | Compatible<br>Products                     | Material/<br>Color                                                                                                                                     | Weight  |
|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
|  <p>MX-M-SD-GN</p>  | <p>Weatherproof parapet mount (goose neck; IP67) with integrated junction box for MOVE Speed Dome/Vandal Turret cameras.</p> <p>Integrated junction box allows for comfortable cabling and installation of additional hardware equipment such as PoE Injectors, lightning protection, etc.</p> | All MOVE Speed Dome/Vandal Turret cameras. | <p>Bracket and goose neck: Steel, powder-coated RAL9003</p> <p>Junction box: Die-cast ADC12 aluminium alloy, RAL9003</p>                               | 14.8 kg |
|  <p>Mx-M-VT-AP</p> | Adapter mounting plate for MOVE Vandal Turret cameras.                                                                                                                                                                                                                                         | All MOVE Vandal Turret (VT) cameras.       | <p>Bracket: Die-cast ADC12 aluminium alloy, stove-enamel finish RAL9003</p> <p>Mounting plate: A1050P aluminium alloy, stove-enamel finish RAL9003</p> | 0.3 kg  |

| Picture/<br>Order Code                                                                               | Description                                  | Compatible<br>Products               | Material/<br>Color                                                                | Weight  |
|------------------------------------------------------------------------------------------------------|----------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------|---------|
|  <p>Mx-M-VT-WM</p>  | Wall mount for MOVE Vandal Turret cameras.   | All MOVE Vandal Turret (VT) cameras. | A1050P aluminium alloy, stove-enamel finish<br>RAL9003                            | 0.3 kg  |
|  <p>Mx-M-VT-JB</p> | Junction box for MOVE Vandal Turret cameras. | All MOVE Vandal Turret (VT) cameras. | Top/bottom covers: Die-cast ADC12 aluminium alloy, stove-enamel finish<br>RAL9003 | 0.85 kg |

# Dimensions

| Order Code | Dimensions                                                                          |
|------------|-------------------------------------------------------------------------------------|
| Mx-M-SD-C  |   |
| Mx-M-SD-P  |  |

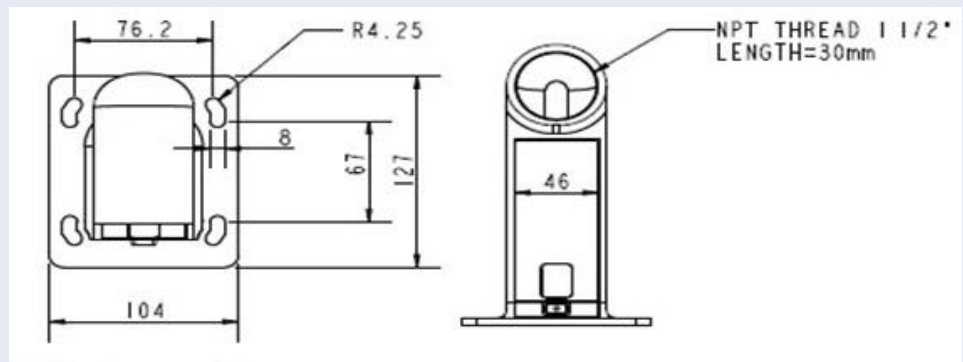
## Technical Specifications

### MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

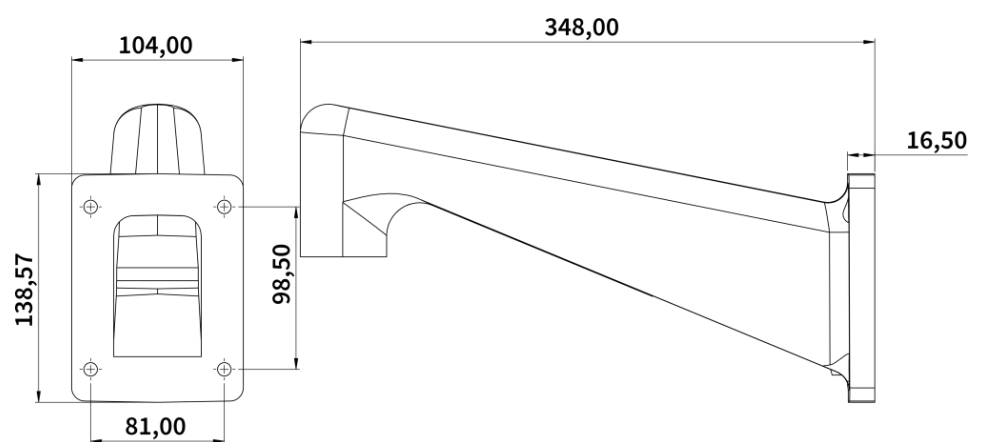
#### Order Code

Mx-M-SD-W

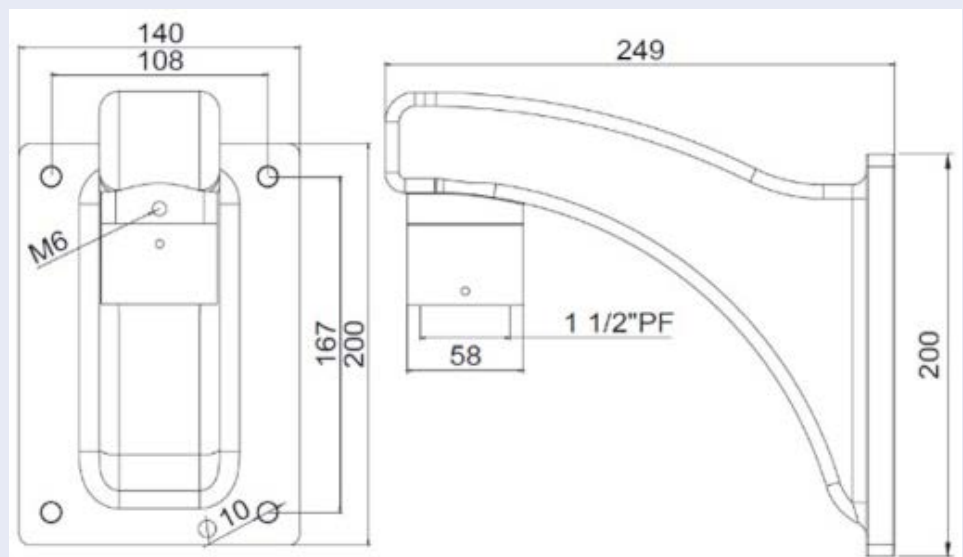
#### Dimensions



Mx-M-SD-WL



MX-M-SD-WM



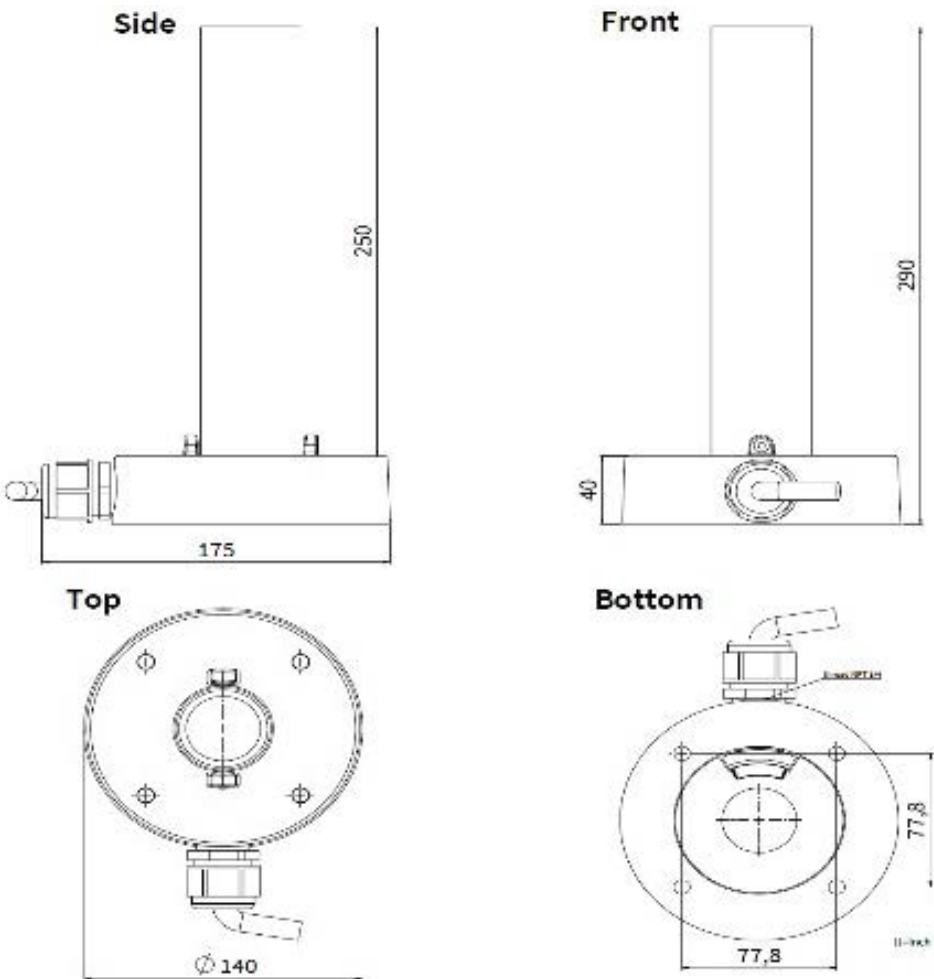
Technical Specifications

MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

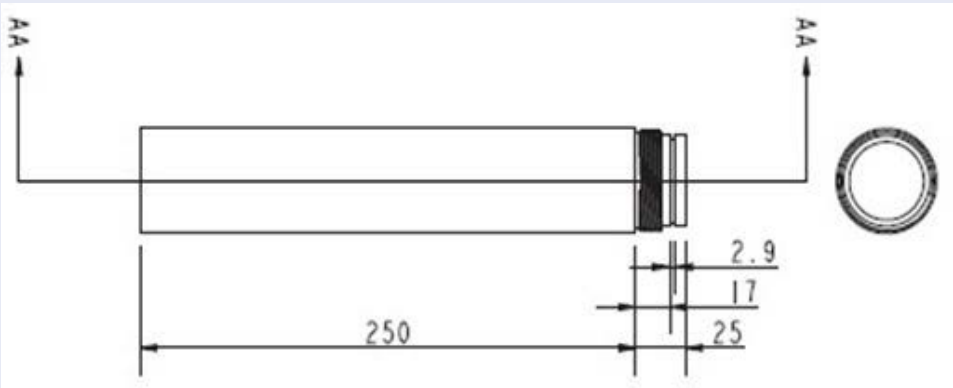
Order Code

MX-M-SD-PM

Dimensions



MX-M-SD-PMEXT

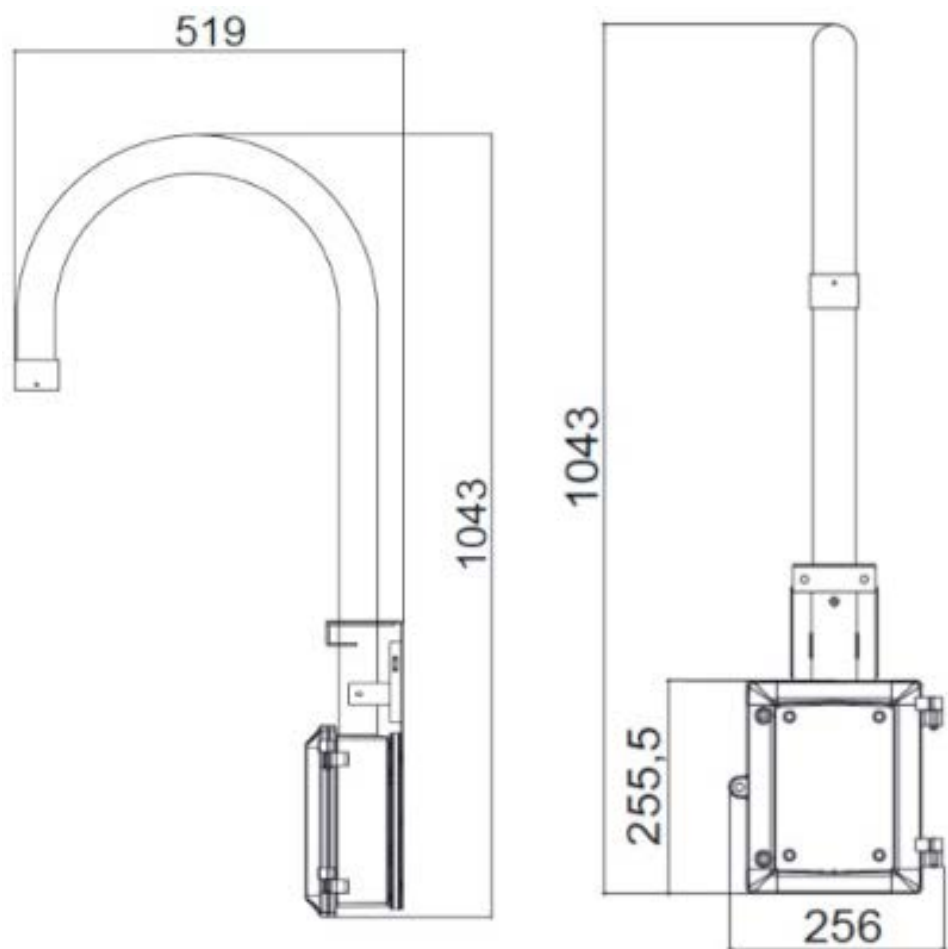




**Order Code**

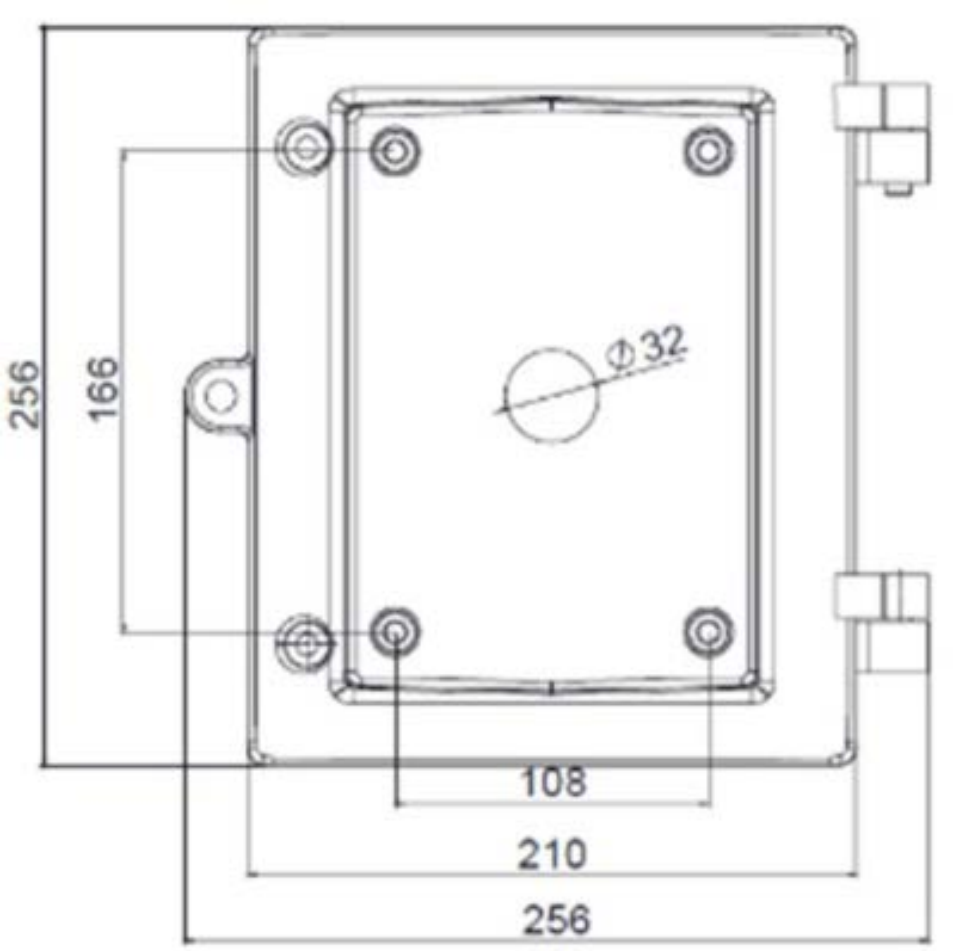
MX-M-SD-GN

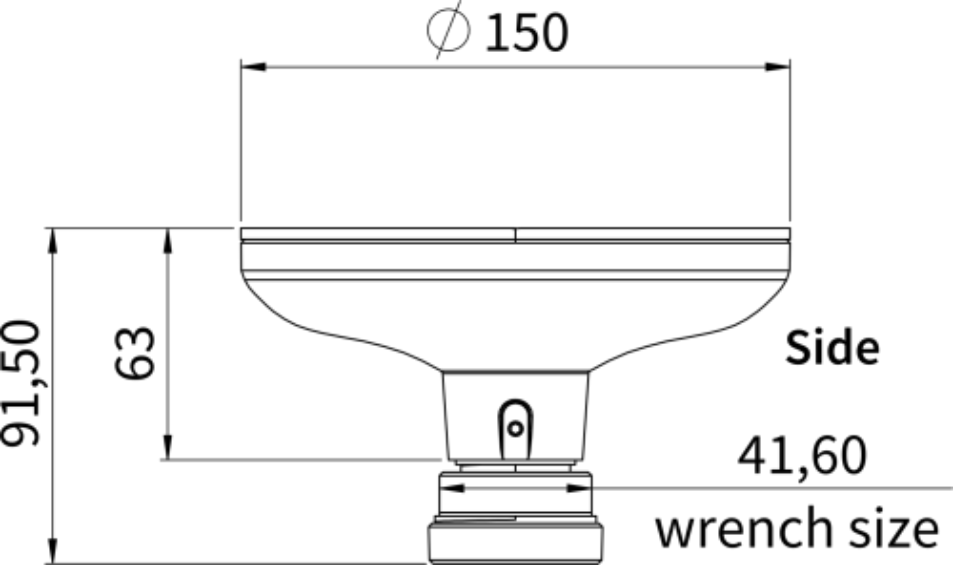
**Dimensions**



Technical Specifications

MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

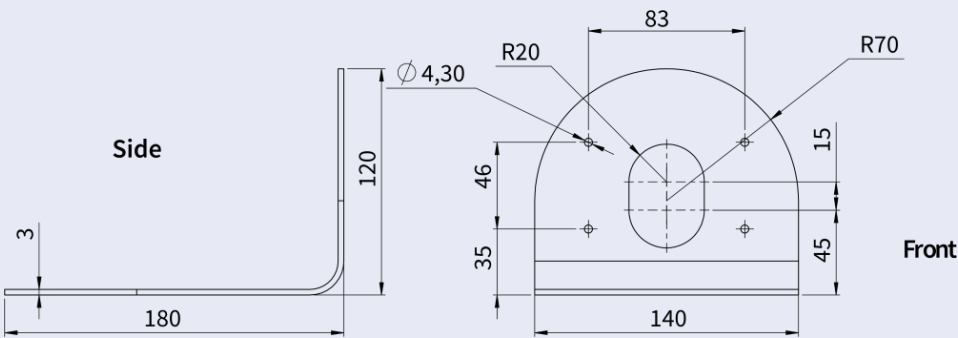
| Order Code   | Dimensions                                                                          |
|--------------|-------------------------------------------------------------------------------------|
| MX-M-SD-WMJB |  |

|            |                                                                                      |
|------------|--------------------------------------------------------------------------------------|
| Mx-M-VT-AP |  |
|------------|--------------------------------------------------------------------------------------|

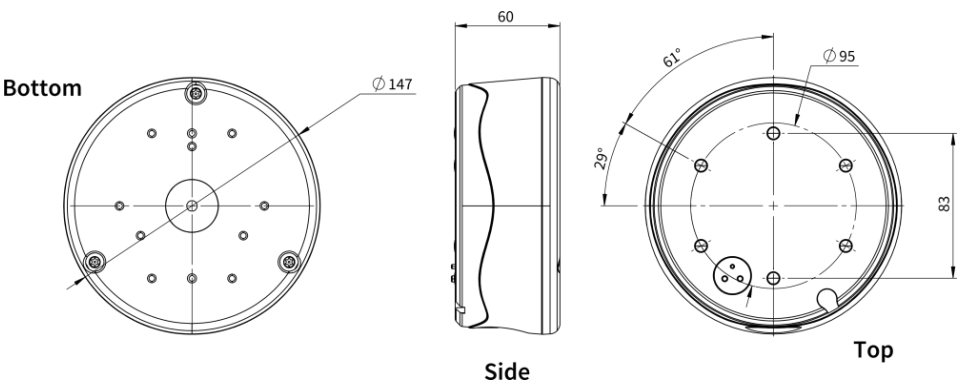
Order Code

Mx-M-VT-WM

Dimensions



Mx-M-VT-JB



Accessories for All Cameras

| Picture/<br>Order Code                                                                                         | Description                                                                                                                                                                                                                                                                                                                                                                                                                                             | Compatible<br>Products                        | Material/<br>Color     | Weight   |
|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------|----------|
| <br><br>MX-NPA-UPOE1A-60W    | UPoE Power Injector 60W.<br>PoE++ 60W Network Power injector • AC Input Voltage: 100 to 240 VAC (50 to 60Hz) • AC Input Current: 1.5A @100-240 VAC • Operating Ambient Temperature: • -10° to 40°C @60W • -10° to 50°C, humidity 10 to 90% @30W • IEEE 802.3bt compliant • Output power of 60W over 4-pairs • Supports 10/100/1000Base-T applications • Plug-and-play installation • Full Protection OVP, OCP• Supports 10/100/1000Base-T applications. | All cameras.                                  | Plastic housing, black | 0.45 kg  |
| <br><br>Mx-A-ETP1A-2601-SET | Media converter set Ethernet (PoE+) – Twisted-Pair.<br>Complete set consisting of two two-wire transmit/receive units for establishing an Ethernet transmission path via twisted-pair cables. • Transmission of Ethernet and PoE+ power supply via two-wire line according to IEEE1901. • Simple connection of 10/100 Mbps Ethernet end devices • Max. 95 Mbps transmission bandwidth, range up to                                                      | All cameras.<br>Requires Mx-A-ETP1A-2601-POW. | Plastic housing, black | 0.368 kg |

| Picture/<br>Order Code | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Compatible<br>Products | Material/<br>Color | Weight |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|--------------------|--------|
|                        | <p>600 m/656 yd for data only,<br/>300 m/328 yd for PoE depend-<br/>ing on the quality of the twis-<br/>ted-pair link • 128 bit AES<br/>network data encryption •<br/>Power supply 2-wire trans-<br/>mitter (Tx) and receiver (Rx) as<br/>well as end device via PoE+<br/>network switch or external<br/>power supply 56VDC / 1.2A<br/>(not included!) • Connected<br/>end devices are supplied via<br/>PoE switch IEEE802.3af(PoE),<br/>IEEE802.3at (PoE+), UPoE up<br/>to 60W (requires ext. power<br/>supply unit). • Status LEDs<br/>(data, power supply, data<br/>link, PoE) • Integrated Over-<br/>voltage protection (IEC 61000-<br/>4-5 4kV(1.2 / 50us), 2kA(8 /<br/>20us)) • Power Supply: TX: T-<br/>Linx or DC12V~57V, RX: PoE<br/>Switch or DC48V~57V • Oper-<br/>ational temperature: -20 to<br/>60°C • Dimensions: 80.4(L) x<br/>61.6(W) x 24(H)mm • Weight:<br/>RX/TX: 102g • Warranty: 2<br/>years</p> |                        |                    |        |

## Technical Specifications

### MOBOTIX MOVE 5MP Varifocal IR Vandal Turret

| Picture/<br>Order Code                                                                                       | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Compatible<br>Products                                                         | Material/<br>Color     | Weight  |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------------|---------|
|  <p>Mx-A-ETP1A-2601-POW</p> | <p>Plug-type power supply for Mx-A-ETP1A-2601-SET.</p> <p>Output: 57V DC +/-3% / 1.2 A •</p> <p>Input: 90-260V AC (47-63Hz) •</p> <p>68,4 Watt • Operating Temperature: 0–40°C/32–122°F</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Mx-A-ETP1A-2601-SET                                                            | Plastic housing, black | 0.49 kg |
|  <p>Mx-A-KBD1A-PTZ-JOG</p> | <p>MOBOTIX USB Keyboard with PTZ Joystick &amp; Jog-Shuttle.</p> <p>USB control panel for operating MOBOTIX MxMC 2.6 and higher and MOBOTIX HUB incl. Control of software PTZ and motorized PTZ cameras and pan/tilt devices • Integrated 3-axis joystick • Integrated jog shuttle • 38 control keys with backlight predefined for MxMC functions or freely definable for MOBOTIX HUB • Integrated alarm buzzer • Suitable for operation as HID device on MOBOTIX VMS with Windows and MAC based operating systems via USB 2.0 • Suitable for right- and left-handed users • Power supply: USB, max. 350 mA • Operating temperature: 0°–45°C/32–113 °F.</p> | <p>All cameras. Requires Windows or macOS computer with USB 2.0 or better.</p> | Plastic housing, black | 1.9 kg  |

| Picture/<br>Order Code                                                                              | Description                                                                                                                                                                                                                                                                                                                                                                                         | Compatible<br>Products | Material/<br>Color    | Weight  |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------|---------|
|  <p>MX-SWITCH1</p> | <p>MOBOTIX network switch for DIN (top-hat) rail mounting.</p> <p>5x RJ45 port with 100 MBit/s (1x uplink, 4x PoE+ with max. 75 W). Supply: 48 V DC, max. 75 W. Simplified cabling for door stations due to available connectivity for anti-theft protection, door opener and MxBus. MxBus, anti-theft protection, door and lock contact can be connected via separate wires of Ethernet cable.</p> | All cameras.           | Plastic housing, gray | 0.31 kg |

# Further Reading

[Manuals and Quick Installation documents](#)



[Technical Specifications](#)



[MOBOTIX MOVE Installation Hints](#)



[MOBOTIX Community](#)







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