1. **Cable Management:**

   - Carefully pull the cable of the left sensor module under the rubber hook and out of the front of the housing.

2. **Inserting the Security Clips:**

   - Place the camera on its right side (as seen by the camera) as shown and secure the clips at the insides of the sensor modules at the proper location.

3. **Closing the Camera Housing:**

   - Make sure the power supply to the camera is disconnected before opening the housing!
   - Using the black module wrench, turn the sensor module clockwise until locked. Make sure that the security clips are properly engaged.
   - Allen wrench, loosen the two bolts at the back of the camera housing.
   - Place the camera face-down on a clean and dry surface. Remove the two stainless steel wood screws with hex head 6x50 mm.
   - Insert the front element. Make sure that the MOBOTIX lettering on the sensor module is facing upwards.
   - When pushing the front element into the housing, make sure that the sensor module cables inside both image sensors are running at the same direction.
   - Before inserting the front element, make sure that the sensor module cables are correctly aligned and not damaged.

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**Sensor Modules of the M16 (to Be Ordered Separately, Thermal Sensor Pre-Installed)**

- **Standard Delivery M16:**
  - Mx-M16A/B*
  - Mx-M16B
  - *Variant

- **Sensor Module Combinations**
  - M16 with one blind module:
    - Unrestricted operation (IP66)
  - M16 with two transport plugs:
    - No operation allowed!
  - M16 with one transport plug:
    - No operation allowed!

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**Preparing the M16 for Installation**

- **Preparing the M16**
  - Installing the sensor modules:
    - Before installing the camera, you should complete the following tasks before actually installing the camera.
    - **Preparing the M16 for Installation:**
      - Make sure that the power supply to the camera is disconnected before opening the housing.
      - Inserting the security clips, connecting the USB cable, exchanging the MicroSD card, connecting the MxBus, and initializing the device.
      - Make sure that the boot options of this camera have changed compared to its predecessor (see "Boot Options of the M16" on page 2) and the camera only has one key ("L").

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**Sensor Module Combinations**

- **Standard Delivery M16**
  - Mx-M16A/B*

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**Camera Housing**

- **Camera Housing:**
  - Lens cover
  - Camera housing
  - Protective cover (installed)
  - Slot for MicroSD card

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**Sensor Modules**

- **Sensor Modules:**
  - M16 with one sensor module:
    - 1 Blind module (must be installed when using only one sensor module)
  - M16 with two sensor modules:
    - 1 Front element with additional sensors (installed)
      - 1 PIR sensor

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**Mounting Supplies**

- **Mounting Supplies:**
  - Dowels 8 mm
  - Stainless steel washer dia. 6.4 mm
  - Stainless steel spring washer dia. 6.4 mm

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**Sensor Module Combinations**

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**Sensor Module Combinations**

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2. Activating the Boot Menu

Open the camera (see “Opening/Closing the Camera below). Mark the holes for dowels or screws for the dowels, push them in and cut the hole after a certain time.

To start the camera in a mode different from the default mode, you can activate the boot menu of the camera.

1. Drill the holes for the dowels (if required)
2. Insert the SD Card
3. Inserting the SD Card

Press the paper clip (e.g. a paper clip) into the hole by carefully sliding it in the direction of the arrow. Make sure that the SD card is correctly inserted.

Press the paper clip longer (> 2 sec) into the hole. The camera confirms the selection by flashing rapidly three times. You can now remove the paper clip.

4. Inserting the SD Card

Press the paper clip by inserting the paper clip into the slot of the SD card and pushing it in. The red LED lights up 5 to 10 seconds after establishing communication with the SD card.

Max. power consumption of attached extension modules:

At MxBus: max. 3 W, at USB: max. 2.5 W, total max. 4 W

M16-Thermal/M16-Thermal-TR Typ. 5,5 W with thermal image sensor,

H.264 (max): 25@Full-HD, 20@QXGA

768x576 (D1-PAL), 704x576 (TV-PAL), 640x480, 384x288, 320x240,

Color: 3072x2048 (6MP), 6144x2048 (12MP)

Black&White: 3072x2048 (6MP), 6144x2048 (12MP)

Max. Frame Rate

9 fps (when displaying an Mx sensor module and a thermal sensor)

H.264 (max): 25@Full-HD, 20@QXGA

768x576 (D1-PAL), 704x576 (TV-PAL), 640x480, 384x288, 320x240,

Image Formats

MxSensor Module

9 fps (when displaying an Mx sensor module and a thermal sensor)

H.264 (max): 25@Full-HD, 20@QXGA

768x576 (D1-PAL), 704x576 (TV-PAL), 640x480, 384x288, 320x240,

Image Formats

MxSensor Module

9 fps (when displaying an Mx sensor module and a thermal sensor)

H.264 (max): 25@Full-HD, 20@QXGA

768x576 (D1-PAL), 704x576 (TV-PAL), 640x480, 384x288, 320x240,