Installation Instructions

1. Attach the box
Attach the MX-BPA-Box at the mounting position with the cable ports pointing downward (torque 0.4 Nm). Next, remove the box cover (three screws).

2. Establish connection to the camera
• Before proceeding, make sure there is no current on the MxBus wires!
• Cut the MxBus cable to size (2-wire, 0.6–0.8 mm diameter). When using wires without jacket, strip the insulation of the wires for 5 mm and push the wires through the eight-wire plug (center).
• When using a cable with jacket, remove the pre-installed eight-wire plug and insert the appropriate cable plug (2 for MxBus master and for additional MxBus modules). Press the rubber plug into the casing in such a way that the rims stick out equally on both sides. Push the cable through the plug, remove the sheath on a length of 15 mm and strip the insulation of the wires for about 5 mm.
• Connect the MxBus wires to the terminals of the MX-BPA-Box using the screwdriver. Make sure to maintain the polarity (see sticker in front of the terminal).
• Connect the MxBus wires as described in the corresponding manual to the MOBOTIX camera or to another MxBus module connected to a camera (e.g. KeypadRFID, MX-DoorMaster). Make sure not to exceed the overall length of the MxBus wiring (max. 100 m/110 yd).

3. Connect the peripheral devices
Connect the other wires/cables as required and use the corresponding cable plugs (power supply, MxBus).

4. Tie down the cables
Insert both cable ties as shown. Pull the cable ties tightly around the wires in order to provide strain relief.

5. Mount the cover
Mount the cover back onto the MX-BPA-Box and tighten it with the cable cover screws (torque 0.4 Nm).
**LED Signaling**

<table>
<thead>
<tr>
<th>LED</th>
<th>Meaning</th>
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<tbody>
<tr>
<td>-</td>
<td>Regular operation</td>
</tr>
<tr>
<td>-</td>
<td>Power supply below 12 V</td>
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</tbody>
</table>

**Drilling Template**

- **80 mm/3.15 in**
- **75 mm/2.95 in**

**LED Off**

- **Device Status**

**LED Permanently On**

- **Device Status**

**Safety Warnings**

- This product must not be used in locations exposed to the dangers of explosion.
- Make sure that you install this product as outlined in the installation instructions above.
- The MOBOTIX MX-BPA-Box is to be used only as an additional power supply for MOBOTIX MxBus modules in IP65 environments.
- For MOBOTIX cameras with MxBus connector.
- One MX-BPA-Box must not be connected to more than one camera MxBus master!
- Make sure that only one MX-BPA-Box is connected to one MxBus!
- Torque for all screws: 0.4 Nm.
- Electrical systems and equipment may only be installed, modified and maintained by a qualified electrician under the supervision of qualified electricians in accordance with the applicable electrical guidelines. Make sure to properly set up all electrical connections.
- Make sure that you adhere to all relevant laws, regulations and that you fulfill all certification requirements for the intended use.
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