Quick Install MX-Input-Box

Weatherproof Signal Inputs MOBOTIX Devices

Connection of Sensors (Examples)

4x weatherproof inputs for connecting sensors
• Connection via Modbus (we never use more than 1/8 x 100 m/110 yd)
• Signal input boxes can be ordered separately

Installation Instructions

1. Attach the box
Attach the MX-Input Box at the mounting position with the cable ports pointing downwards (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 to 0.8 mm diameter. When using wires without jacket strip the insulation of the wires for 5 mm and push them through the eight-wire plug (right).
• When using a cable with jacket, remove the jacket of the MxBus cable at the plug and strip the wires for 5 mm. Push the cable through the eight-wire plug, remove the insulation of 5 mm and strip the insulation of the wires for about 5 mm.
• Connect the MxBus wires to the terminals of the MX-Input-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 another MxBus module connected to a camera (e.g. KeypadRFID, MX-DoorMaster).

3. Connect the peripheral devices
Connect any other needed cables as required by using the corresponding cable plugs (left).

4. Lock the cable in place
Insert one or two cable ties depending on the attached cables as shown. Pull the cable ties tightly around the cables in order to provide strain relief.

5. Mount the cover
Mount the cover back onto the MX-Input Box and tighten it using the cover screws (torque 0.4 Nm).

Connection to Camera via Modbus

MX-OPT-Input1-EXT
Weatherproof MxBus wiring
Max. 50 m/55 yd

Caution
One MxBus must not be connected to more than one camera!

Note
If you would like to use more signal inputs, you can attach more than one MX-Input-Box module (max. of seven MxBus modules on one MxBus).

Connection of Sensors (Examples)

Window sensors
Glass breakage sensors
Door Sensors
Max. 50 m/55 yd
Emergency button
1. Before you can install the MiS/M23, follow all installation instructions. Make sure that the installation area is free from dust, dirt, moisture, and corrosive substances.

2. Remove the screws from the back of the MiS/M23 using a screwdriver. The MiS/M23 has two M4 × 0.7 bolting holes.

3. Mount the MiS/M23 wall mount using screws or bolts. Make sure to install the MiS/M23 on a flat, sturdy wall.

4. Insert the MiS/M23 into the wall mount. The MiS/M23 should be aligned with the wall mount's center.

5. Tighten the screws to secure the MiS/M23 to the wall mount.

6. Check that the MiS/M23 is securely mounted and that it is level.

7. Connect the MiS/M23 to your network and power source.

8. Configure the MiS/M23 using the admin interface.

9. Enjoy the high-quality security provided by your MOBOTIX MiS/M23 system.