PTMount for Optical MOBOTIX Sensor Modules

Quick Install

Preparatory Steps

1. Use the two screws to attach the insert to the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the right.
2. Pull the sensor module into the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the left. Secure the sensor module within the insert using the Allen wrench. The grub screw locks the sensor module by turning it 90 degrees to the left (vs. lettering.
3. Use the Allen wrench and rotate the insert.
4. Lightly tighten the two fastening screws.
5. Remove the swivel ring and the base plate as shown in the figure.
6. Insert the screw anchors into the holes, followed by the hinged ferrite to the cable.
7. Push the sensor module into the foot and the sphere assembly to the swivel ring. On the insert is pointing upwards. If required, apply bayonet catch and lock by turning to the left and remove, pull out the sensor module (turn blue bayonet vs. the lettering).
8. In the center of the drilling template, drill a through-the-wall hole a diameter between 15 and 35 mm.
9. Drill the holes for the base plate (drilling template see Section «Dimensions/Drilling Template»).
10. Using the module wrench (red or black), using the 2.5 mm Allen wrench and rotate the insert.
11. Push the sensor module into the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the right.
12. Secure the sensor module into the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the left. Secure the sensor module within the insert using the Allen wrench. The grub screw locks the sensor module by turning it 90 degrees to the left (vs. lettering.
13. Use the two screws to attach the insert to the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the left.
14. Close the hinged ferrite to the sensor module using the 2.5 mm Allen wrench.

Installation of PTMount and Sensor Modules

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2. Pull the sensor module into the PTMount so that the label is pointing upwards. If required, apply bayonet catch and lock by turning to the left. Secure the sensor module within the insert using the Allen wrench. The grub screw locks the sensor module by turning it 90 degrees to the left (vs. lettering.
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Quick Install PTMount

Initial Operation SED with PTMount

Step 1: Establish Network Connection and Power Supply
- Connect the network port of the camera to a switch or router (see S15 Camera Manual, Section «Installation» and Power Connection, See «Installation» and Power Connection).
- If you do not use a PoE switch, establish the power supply of the camera using the PoE Power Adapter MX-PNP-Box.
- Configure the camera for your network (see S15 Camera Manual, Section «Installation» and «Installation» and Power Connection).

Optional: Exchange the Sensor Modules in the Dual Image
- In the camera's browser interface, click on the Admin Menu button and in the Hardware Configuration section, open the Image Sensor Configuration dialog.
- You can exchange the sensor module: Right Sensor by double clicks to select the sensor module within the sensor view (Right Sensor). This will switch to the right side of the dual image.
- Close the dialog and save the configuration of the camera.

Step 2: Open User Interface in Browser
- Make sure the network connection and power supply are established (see S15 Camera Manual, Section «Installation» and Power Connection).
- Enter the IP address of the camera you determined in Step 1 in the address bar of the browser.

Step 3: Adjust PTMount According to Live Image
- Using the sensor module’s tool (if needed), adjust the sensor module by turning 90 degrees to the left.
- Loosen the grub screw until the sensor module is out of the insert in a chosen. Turn cam can be exchanged to the sensing of the sensor module’s housing.
- Using the module wrench (red or black), unlock the sensor module by turning 90 degrees to the left.
- Using the Allen wrench or a small screwdriver, lift the sensor module out of the insert as shown. Take care not to damage the sealing of the sensor module housing.
- Remove the bayonet catch and the sensor cable from the old module.
- Attach the sensor cable to the new sensor module (connect the sensor cable, apply bayonet catch and lock by turning to the right).
- Insert the sensor module as described in Section «Installation» and Power Connection. If required, rotate the insert to its original position and check the camera’s live image as described in Section «Initial» and Power Connection. Tighten all screws you loosened before.

Exchanging a Sensor Module
- Make sure the power supply to the camera is disconnected before installing or replacing a sensor module!
- If the small bar on the insert is not pointing towards the hole on the grub screw, add a mark at the present position.
- Remove the two fastening screws and rotate the insert so that the small bar points to the hole of the grub screw.
- Tighten the two fastening screws.
- Loosen the grub screw that locks the sensor module within the insert.
- Using the module wrench (red or black), unlock the sensor module by turning 90 degrees to the left.
- Use the Allen wrench or a small screwdriver to lift the sensor module out of the insert as shown. Take care not to damage the sealing of the sensor module housing.
- Remove the bayonet catch and the sensor cable from the old module.
- Attach the sensor cable to the new sensor module (connect the sensor cable, apply bayonet catch and lock by turning to the right).
- Insert the sensor module as described in Section «Installation» and Power Connection. If required, rotate the insert to its original position and check the camera’s live image as described in Section «Initial» and Power Connection. Tighten all screws you loosened before.

Dimensions/Drill Template

106 mm/4.17 in

106 mm/4.17 in

Notes
- The product must not be used in locations exposed to the dangers of explosion.
- Make sure that you install the PTMount and the product as outlined in the installation instructions of the MOBOTIX product to which it is applied. (See «Installation» and Power Connection, See «Installation» and Power Connection).
- When installing the PTMount, make sure that the sensor module is aligned properly (See «Installation» and Power Connection, See «Installation» and Power Connection).
- Only install the product as it is available, not modified (in an already installed) that provide for a properly installed of the moving elements used.
- The PTMount sensor module must only be used in combination with the PTMount.
- The dimensions given in the table above are based on the scientific equipment model (Must PTMount). Tighten all screws you loosened before.

- The MOBOTIX YouTube Channel
- www.youtube.com/MOBOTIXAG