Standard Delivery

Example for Connecting PTMount-Thermal Modules to the S15D

Preparatory Steps

Installing the PTMount-Thermal

Quick Install PTMount-Thermal

Example Image

Indicate the final lengths

Adjustable Along Three Axes

Module S15D: Modular PoE network camera with max. two sensor modules for
Sensor module cables max. 2 m each (e.g., for indoors/outdoors)
Sensor modules (Thermal, Day, Night, Night-LPF) and PTMount-Thermal can
All components weatherproof (S15D: IP65, sensor modules/PTMount-Thermal IP65), –30 to +60 °C/–22 to +140 °F
Concealed installation (not included)

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Power supply (e.g., PoE switch)
Example image

Example for Connecting PTMount-Thermal Modules to the S15D

Installing the PTMount-Thermal

1. Make sure that the sensor modules are
2. Reconnect the power supply of the camera.
3. Connect the sensor modules to the S15D.
4. Disconnect the camera’s power supply.
5. Set the camera to PoE Class 3 (see camera manual) and set the modules that are to be used.
6. Connect the power supply and start the camera.

Guide the sensor cable through the
When tightening the screws, make sure that you can still rotate the swivel
hold the sealing, the swivel ring, the base plate
Insert the screw anchors into the holes, if required.
Drill the holes for the base plate (drilling template see Section «Dimensions/Drilling Template»).
Manually tight the screws in the base plate and rotate the insert. Lightly tighten the two fastening screws.
Move the two screws that hold the foot onto the swivel ring.

Attach the base plate using the supplied wood screws and washers.

The German company MOBOTIX AG is known as the leading pioneer in network camera technology and its decentralized concept has made high-resolution video

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**Initial Operation S15D with PTMount-Thermal**

Step 1: Add Network Connection and Power Supply
- Connect the network port of the camera to a switch or router (S15 Camera Manual, Section «Installation», Power Connection).
- Connect the camera to your network. See Section «Installation» (S15 Camera Manual).

Step 2: Open User Interface in Browser
- Make sure the PTMount-Thermal is only to be used in combination with the MOBOTIX S15D.
- Enter the IP address of the camera you determined in Step 1 in the address bar of the browser.

Step 3: Adjust PTMount-Thermal According to Live Image
- Adjust the sensor modules by moving the PTMount-Thermal vertically or horizontally to achieve the optimal view. See the video tutorial "Quick Install PTMount-Thermal".

Optional: Exchange the Sensor Modules in the Dual Image
- To exchange the standard sensor modules with the PTMount-Thermal, you need to attach an external microphone if you need this feature. This also means that the operating status of the sensor module (External sensor Cam1, External sensor Cam2) that was not have either a microphone or LEDs. When running the camera without sound options (External sensors turned off), the LED is on, red LED flashes slowly; see S15 Camera Manual, Section «Manual and Automatic Operation».

Notes
- The product must not be used in locations exposed to the dangers of explosion.
- Make sure that you only connect the MOBOTIX S15D and the PTMount-Thermal in the local area network. See the video tutorial "Quick Install PTMount-Thermal".
- Always observe the special export regulations (see supplied Export Regulations).
- Only install this product on suitable, solid materials that provide for a sturdy installation of the fixing elements used.
- Always observe the local building regulations (see respective Special Export Regulations).
- The PTMount-Thermal is only to be used in combination with the MOBOTIX S15D.

Technical Specifications

**PTMount-Thermal**

- **Sensor Options**
  - CMOS sensors
  - Video motion detection
  - MxActivitySensor
  - e-mail, FTP, pre- and post-alarm images
  - Possible video formats: 1080p, HDV (1920x1080), 720p (1280x720), CIF (352x288), 16:9 video (1920x1080), aspect ratio 4:3 (1280x720), aspect ratio 5:4 (1280x1024), video streaming, image, obscured image areas, vPTZ (virtual pan/tilt/zoom), text and logo display, display of alarm/Events.
  - Off-color/black & white image display, mirrored frame rate of the camera is reduced to 9 fps.
  - Depending on sensor modules used:
    - 1 thermal: typ. 7 W (briefly up to 8 W possible)
    - 1 thermal, 1 optical: typ. 6.5 W (briefly up to 7.5 W possible)
    - 1 thermal, 2 optical: typ. 7.5 W (briefly up to 8.5 W possible)
  - Weight: approx. 623 g/1.37 lb. (PTMount-Thermal with S15D, about 974 g/2.14 lb.)
  - Weight of MOBOTIX S15D with PTMount-Thermal: 1067 mm/42 in
  - Dimensions: 106 mm/4.17 in
  - Tilt angle of sphere: 100°

**Sensor Module**

- **Image Formats**
  - Standard formats like Full HD, VGA, etc. up to 2592x1944 (5MP) and custom formats
  - MxBus only: ≤ 1 W
  - PoE Class 3 required
  - MxBus only: ≤ 1 W
  - Operating Conditions: –40 to +550 °C/–40 to +1002 °F (temperature of the sensor module)
  - Range Temperature Measurement: Uncooled microbolometer, 336x252 pixels, 9x9 μm, NETD typ. 50 mK (equals 0.05°C), <79 mK
  - L43 (45°), L65 (25°), L135 (17°)
  - Correction: Linearization, black body temperature (spectral range)

Dimensions/Drilling Template

- Dimensions: 106 mm/4.17 in
- Hole for cable: 35 mm/1.38 in
- Swivel ring: 60 mm/2.36 in
- Base plate: 97 mm/3.82 in
- Max. length: 97 mm/3.82 in, max. diam: 106 mm/4.17 in
- 100°

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

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