PM-Series Pyranometer Mounts
Quick Start Guide

IMPORTANT!

Before operating and installing, download and carefully read the operating and installation instructions. An internet connection is required to access the instructions.

Explanation of warnings
To avoid personal injury and material damage, you must observe the safety information and warnings in the operating instructions. The warnings use the following danger levels:

WARNING

WARNING
This indicates a potentially hazardous situation. If the hazardous situation is not avoided, it may result in death or serious injuries.

CAUTION

CAUTION
This indicates a potentially hazardous situation. If the hazardous situation is not avoided, it may result in moderately serious or minor injuries.

NOTICE

NOTE
This indicates a situation from which damage may arise. If the situation is not avoided, products may be damaged.

1 General safety instructions

1.1 Potential misuse

Any use of the product that does not comply with the intended use, be this intentional or negligent, is forbidden by the manufacturer.

- Use the product only as described in the operating instructions.

1.2 Personnel obligations

To avoid equipment damage and injury when handling the product, personnel are obliged to the following:

- Read the operating instructions carefully before using the product for the first time.
- Pay attention to all safety information and warnings.
- If you do not understand the information and procedure explanations in these operating instructions, stop the action and contact the service provider for assistance.
- Wear the necessary personal protective equipment.
- Work carefully with tools, especially cutting tools.

1.3 Installation and maintenance at high places and over deep/fast flowing water

When the product is installed and maintained at high places and over deep/fast flowing water, special safety measures must be taken to avoid personal injury.

- Observe and follow the local safety regulations.
- Use suitable safety equipment.
- Inspect the safety equipment before use.
- Secure the person mounting or maintaining the product against falling down.
- Secure the device against falling down.

2 Notes on disposing of old devices

Member States of the European Union

In accordance with the German Electrical and Electronic Equipment Act (ElektroG; national implementation of EU Directive 2012/19/EU), takes back old devices in the Member States of the European Union and disposes of them in the proper manner. The devices that this concerns are labeled with the following symbol:

- For further information on the take-back procedure contact .

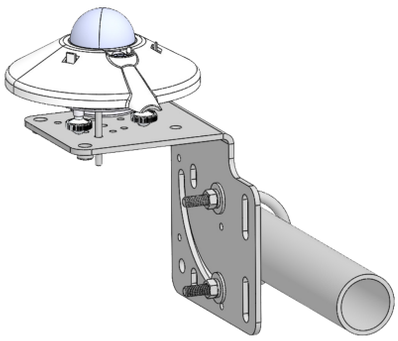
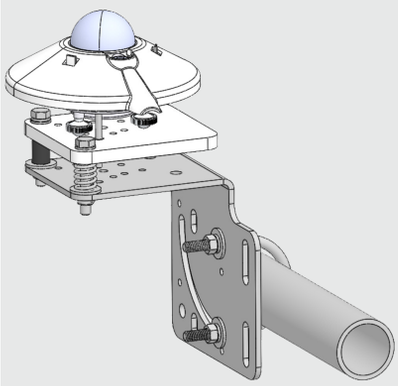
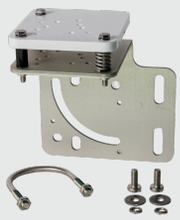
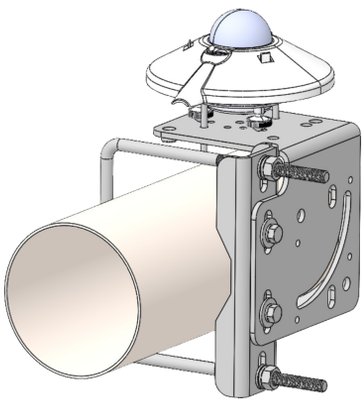
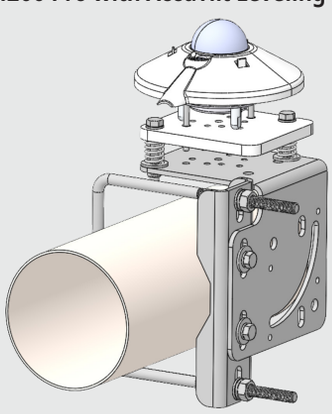
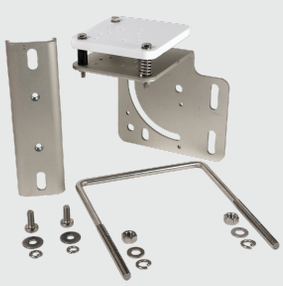
All other countries

- Dispose of the product in the proper manner following decommissioning.
- Observe the country-specific regulations on disposing of electronic equipment.
- Do NOT dispose of the product in household waste.

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3 Specification

The pyranometer mount can be ordered in any of the following configurations. Scan the QR code for installation details.

Mounts	What's in the bag	
PM100 	**Item Number: 810306-01** 	**Crossarm/Mast Pyranometer Mount** – **Pyranometer mounting bracket** – **M8 common hardware bag:** 2x screws, 2x lock washers, 2x oversized washers, 2x nuts – **M8 mast/crossarm hardware bag:** 1x round U-bolt, 2x lock washers, 2x oversized washers, 2x nuts
PM100 Pro with AccuTilt Leveling 	**Item Number: 810306-03** 	**Crossarm/Mast Pyranometer Mount + Insulated Leveling Plate** – **Pyranometer mounting bracket / leveling plate assembly** – **M8 common hardware bag:** 2x screws, 2x lock washers, 2x oversized washers, 2x nuts – **M8 mast/crossarm hardware bag:** 1x round U-bolt, 2x lock washers, 2x oversized washers, 2x nuts **NOTE**: Pro variants include an insulated leveling plate pre-installed on the mount.
PM200 	**Item Number: 810306-04** 	**Torque Tube Pyranometer Mount** – **Pyranometer mounting bracket** – **M8 common hardware bag:** 2x screws, 2x lock washers, 2x oversized washers, 2x nuts – **M10 torque tube clamp hardware bag:** 1x clamp bracket, 1x square U-bolt, 2x lock washers, 2x washers, 2x nuts
PM200 Pro with AccuTilt Leveling 	**Item Number: 810306-06** 	**Torque Tube Pyranometer Mount + Insulated Leveling Plate** – **Pyranometer mounting bracket / leveling plate assembly** – **M8 common hardware bag:** 2x screws, 2x lock washers, 2x oversized washers, 2x nuts – **M10 torque tube clamp hardware bag:** 1x clamp bracket, 1x square U-bolt, 2x lock washers, 2x washers, 2x nuts **NOTE**: Pro variants include an insulated leveling plate pre-installed on the mount.