

rain[e]observer

COMPLETE SYSTEM FOR PRECIPITATION MEASUREMENT



Advanced technology for precipitation detection

Lambrecht meteo, an AEM brand, is a leading global supplier of sensors for rain measurement and precipitation detection.

Time-critical and water management applications

Measuring precipitation for water management and public safety is a complex, crucial task. In these times of climate change, precipitation monitoring and measurement is more important than ever, especially as floods and major storms increase around the world. Each individual type of precipitation - rain, snow, freezing rain, or hail - presents unique measurement challenges.

Our real-time complete system facilitates measurement and data collection while ensuring the fastest possible response to flood events or road condition reports.

Consistently reliable and versatile

- Fast, secure, easy to install and maintenance-free
- Reliable detection of precipitation types with radar technology
- Universally compatible with all common data loggers and data acquisition systems
- Monitors emerging disasters to accelerate your response

APPLICATIONS

- Precipitation measurement networks
- Measuring networks in the water industry
- Weather services
- Early flood warning
- Traffic meteorology
- Wastewater treatment plants
- Meteorology and hydrology

Professional Line	rain[e]observer
Id-No.	32.15184.300000
Measuring range	According to SYNOP code table in the manual
Protocols	SDI-12, Modbus RTU
Range of application	-40...70 °C (heated, no icing, no snow drifting)
Environmental conditions	For storage -55...+80 °C
Current consumption	In addition to the respective rain[e] 14 mA at 24 V; max. 25 W in heating mode
Protection class	IP65, IP67
Weight	Observer module: approx. 0.64 kg; Observer installation set: approx. 2.1 kg

PRODUCT-VIEW

Material

Brackets and fasteners: V4A
Cover: PC (Polycarbonate – UV stabilized)
Base plate: Aluminum, anodized
Lamellae: ASA
Traverse profile: Aluminim
Junction Box: PA6



AN **aem** BRAND

Accessories (order separately)

Weighing precipitation sensors rain[e], rain[e]314, rain[e]400, rain[e]H3
Data logger Ser[LOG]
Further accessories (power supplies, masts, traverses, cables, etc.) please see brochure

As of: 29.03.2024