

## pre[LOG] Precipitation Station

The PreLOG is the perfect precipitation measuring station for meteorological and hydrological applications such as agriculture, irrigation systems, forestry, landfill sites, flood warning systems and many more. This stand alone, solar powered weather station is programmed for event based alarms, equipped with a USB connection and automatic GPRS data transmission, has an emergency power supply and is made with non corroding materials, to ensure high reliability, accurate measurements and ease of use.

### Features

- Event-Based Alarming At:
  - Start Of Precipitation
  - End Of Precipitation
  - Exceeding Of A Set Maximum Precipitation
  - Exceeding Of A Maximum Precipitation In A Defined Time Period
  - Exceeding Of A Set Maximum Precipitation From The Last Recorded Precipitation Report



### Uses

- Automatic Linearization Of The Precipitation In Dependence Of The Intensity
- USB Connector To Round Plug Connector For Easy Configuration And Data Readout
- Powered By 10 W Solar Panel And 12V Battery
- Emergency Power Supply For Datalogger And Precipitation Sensor
- Station Made Of Seawater Resistant And Non Corroding Materials
- Automatic GPRS Data Transmission At Configurable Times, Amount Or Intensity Threshold

**Specs**

- Real-Time Clock (typ.  $\pm 3$  ppm at  $-15^{\circ}\text{C}$  -  $+60^{\circ}\text{C}$  max  $\pm 5$  ppm)
- Storage Of Pulse/ Value With Time-Stamp
- Storage Of Mean Values (Configurable)
- Resolution Of 0.1mm (Standard)
- Event Controlled Storage (No Storage Of Zero- Values)
- Easy Installation Thanks To M8 And M12 Round Plug Connector
- USB- Connector For Easy Configuration
- RS232-Interface For Modern Connection
- Automatic Or Event Controlled Data Transmission Via GPRS
- Modem Will Be Switched On And Off By The PreLOG
- Powered By 10W Solar Panel And 12 V Battery

Additional Lambrecht Products Available. Please Call For Details.