iMet-4200

Automatic Rainfall Station

Operating Parameters

Operating principle	Tipping bucket
Resolution	0.2 mm/tip
Funnel size	200 mm
Accuracy	+/- 2 % for 0 - 250 mm/h
	+/- 3 % for 250 - 300 mm/h
Logging & reporting	User configurable
Data transfer	GSM / GPRS modem or USB
Solar panel (PV)	25 Watt
Battery	12 Ah lead crystal
Dimension	150 x 60 x 35 cm

System Overview

The iMet-4200 is a stand-alone Automatic Rain Gauge (ARS).
The ARS is of a very rugged design to allow for operation in extreme climate and weather conditions.
The low maintenance design makes long term unattended operations possible.
The logger configuration, as well as the firmware can be updated remotely via the GSM/GPRS modem interface without the need for a site visit.

Key Features

- Low maintenance
- Rugged construction
- Solar Powered
- Easy installation
- Configurable messaging / reporting

The iMet-4200 automatic rainfall station records accumulated rain fall with a tipping bucket and transmits the data at user defined intervals through a GSM/GPRS modem. The ARS is of a very rugged design to allow for operation in extreme climate and weather conditions. The low maintenance design makes long term unattended operations possible. The design features an integrated solar panel and battery charger for remote operations.

Specifications subject to change without notice

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