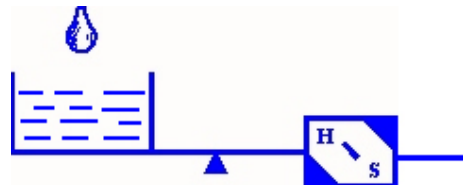


RAINFALL STATION MODEL RainTrak



- Total Rainfall Solution
- Tipping Bucket Raingauge
- In-Built Data Logger
- In-Built GSM or PSTN Modem
- Stainless Steel Enclosure
- Access & Download of Rainfall Data Remotely
- Low Power Consumption 12VDC
- 5 Watt Solar Panel

RainTrak



HYDROLOGICAL SERVICES PTY LTD

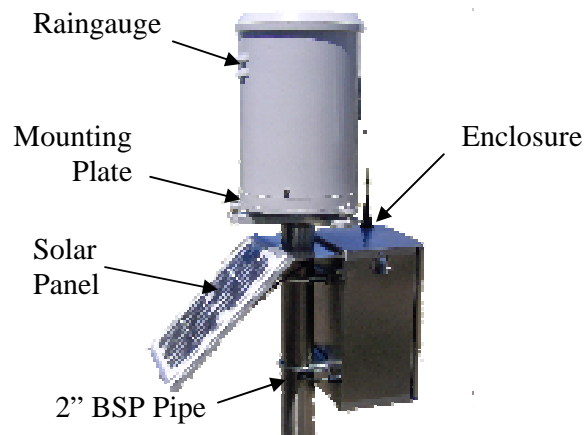
Design, Development & Manufacturing of Scientific Instruments & Equipment for Water Level, Water Flow & Meteorology

DESCRIPTION:

The RainTrak is Hydrological Services latest innovation for total rainfall solution.

The unit consists of a Tipping Bucket Raingauge mounted on a 2" BSP pipe and a stainless steel enclosure that encloses a data logger, a GSM or PSTN modem and a 12VDC battery. Battery charging is via 5 watt solar panel.

One of the main features of the RainTrak is the ability to access the rainfall data remotely. If using a GSM modem the unit must be loaded with a data enabled MINI SIM which must be purchased by the customer from a local mobile phone supplier. If a PSTN modem is supplied then a telephone line must be available on site. The user can simply dial the number from a local PC connected to a modem and by using HyperTerminal software or the WinComlog software one can initialise a communication with the logger and download the rainfall data or update the firmware on the logger if required.



Please note:

The raingauge and the battery are not included with the RainTrak. These must be ordered separately.

SPECIFICATION:

Enclosure: Stainless Steel

Raingauge: TB3, TB4, TB5 or TB6 with a plate to mount raingauge on a 2" BSP pipe (raingauge is optional)

Data Logger:

- Minilog Model ML-FL
- Small and Compact
- Low Power consumption , 3.6V Lithium battery provides up to 10 Years field operation
- Optional External Power 6-16 VDC
- Optional Internal Temperature Sensor
- Inputs
 - 1 x Digital Raingauge (or Flow Sensor)
 - 1 x Optional Internal Digital Temperature Sensor
- Output
 - 1 x Open Collector (Voltage free switch closure)
- Data Memory, 512KB Serial Flash EPROM
- Events Recorded 100,000 events , 1 Second Resolution
- Communications RS232 Port, (Tx, Rx)

Modems:

GSM Modem:

- GSM 900 MHz & GSM 1800 MHz Bands
- ¼ wave whip antenna
- MINI-SIM card
- Customer must purchase SIM card through local mobile phone supplier
- MINI-SIM must be data enabled

PSTN Modem:

- Supports baud rates up to 33.6K
- Designed for industrial environments
- Temperature range -30 to 70°C
- Direct panel mount
- Status LEDs CD, DTR, RD, TD, Power

Supply Voltage: 12 VDC, 7AH, optional

Solar Power: 5W Solar Panel

Mount: 2" BSP pipe with base plate

Note:

Specifications are subject to change at anytime without notice.

HYDROLOGICAL SERVICES PTY.LTD.

48-50 SCRIVENER STREET, WARWICK FARM, 2170 SYDNEY, AUSTRALIA.
A.B.N. 37 000 732 954
PO Box 332 Liverpool BC 1871
PH: 02 9601 2022 (INT.612 9601 2022)
FAX: 02 9602 6971 (INT.612 9602 6971)
Email: sales@hydrologicalservices.com
Website: www. hydrologicalservices.com

Distributed By: