



Digital Rainfall Recorder



The “Virtual” make Digital Rainfall Recorder consists of a weatherproof enclosure which contains the data logger and power supply, and comes complete with a solar panel, tripod stand and a tipping bucket type rain gauge sensor. **Features:** Unattended recording of Rainfall. Standard program and user-friendly software. Data retrieval to your Computer with different options. Suitable for mounting in a variety of locations. Low power consumption. Memory range more than 16500 data sets extendable up to more than 33000 data sets at extra cost. Exterior constructed of Weather proof polypropylene / Fiber glass. Built to withstand the harshest of weather conditions. Dependable reed switch. Virtually maintenance free. Screen prevents leaves and debris from entering unit. Data file is saved in Microsoft’s Excel. This instrument is also available with IMD Pune, certification as per user requirement.

Features:

LCD (16 X 2) to display the instrument status

Membrane Keyboard is provided for on site programming without help of computer.

Memory range more than 16500 data sets extendable up to 33000 data sets (at extra cost)

User Programmable Logging Interval from 1 min to 24 Hour

Sensor Resolution available: 0.20 / 0.25/ 0.5 mm

Rechargeable SMF batteries with integral solar panel, which will easily keep the batteries charged throughout the year.

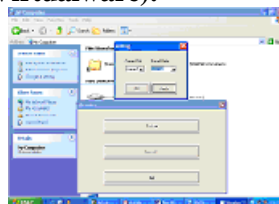
User-friendly Virtualware application software. Data retrieval by pocket size data shuttle to your computer

Suitable for mounting in a variety of locations. Comes with weatherproof enclosure

Operating Temperature: -20 to 70 °C. Operating Humidity: 0 to 95 % non-condensing.

Data Retrieval options: The Digital rainfall recorder Comes with data retrieval option through Data Shuttle. But you can also choose following data retrieval options – Thought Telephone Line Modem / GSM Modem At Extra Cost.

Application Software (Virtualware):



Virtualware is a user-friendly, Menu Driven, Windows based weather station’s software allows you to view & save collected data. Data file is saved in Microsoft’s Excel format.

Data Download Options: You can choose any one option given below, for data download from Digital Rainfall Recorder to your computer.

Data Shuttle:



The data shuttle is a pocket-sized device that can be used to download & transport the data from Digital rainfall recorder to a computer (USB Port), allowing the instrument to stay in place for continuous monitoring/recording. The shuttle connects to a PC and is used with the “Virtualware” to download data.

Ethernet LAN :



Through Ethernet LAN to Computer. You can enter IP Address of your computer and connect to the Digital rainfall recorder. You can also get instantaneous data just press Monitor Menu. Used with the “Virtualware” software to download data.

GSM/GPRS Modem:



The GSM/GPRS Modem is a standard RS232 port based GSM modem to receive data on the PC side which sent by the logger end. This Modem works with Virtual GSM Ware Software to encoded information into database & finally into a presentable MS-Excel Report. A communication cable, Power Adopter & Antenna is shipped along with the modem. This modem too requires GSM SIM cards to function.

You can also connect following sensors with Digital Rainfall Recorder at Extra Cost:

- Air Temperature & Relative Humidity Sensor
- Wind Speed Sensor
- Wind Direction Sensor
- Water temperature Sensor
- Soil Temperature Sensor
- Air pressure sensor (Barometer)
- Water Level (Shaft Encoder Type) Sensor
- Hydrostatic Submersible Level Sensor
- Evaporation Sensor
- Snow Gauge (Snow Water Equivalent) Sensor
- Ultrasonic Snow Depth Sensor

- Leaf Wetness Sensor
- Soil Moisture Sensor
- Electronic Tensiometer
- Solar Radiation Sensor (Pyranometer)
- Solar Radiation Sensor(Silicon Pyranometer)
- Ultra Violet Sensor
- Quantum Sensor
- IR Pyranometer Sensor
- Line quantum Sensor
- Passive Cloud Cover Sensor
- Fog Sensor
- Visibility Sensor
- Infrared remote Temperature Sensor

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Hydrology, Meteorology, Forestry, Agro-Meterology, Scientific & Soil Testing Equipments.

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