



Remote Sense

INNOVATING WIRELESS SYSTEMS

RDC10 Rainfall GSM/GPRS Logger

The RDC10 wireless data logger is a compact rainfall monitor, which is easy to use and install. The unit comes equipped with dual rain gauge sensor connections, which make it ideal for sites that are extremely critical to collect accurate data or in locations where comparison data is required.

Design for low power operation

The system is designed using low power technology and for use in harsh environments. Depending on the operation the battery life can last up to a year. Being rechargeable though means its easy to recharge a unit or change a battery pack upon a site visit.

The data logger is fully encapsulated to protect the electronics against water ingress. Collecting data is extremely easy. Just connect your rain gauge sensors and any tip will be logged and stored in the non-volatile memory, which is capable of storing over 500,000 entries. The upload interval time of data being uploaded to a server can be configured in minutes up to 1 day.

SIM Card / Network

The unit automatically connects to the SIM cards preferred network without any user configuration. The user just needs to configure the data connection settings and the upload server details. The system has been designed to enable setup to be quick and simple.

General features

- Quad band GSM / GPRS Wireless
- Long battery life
- External antenna
- IP65 water proof case
- Rechargeable battery
- Low power consumption
- Dual tipping sensor connection
- Embedded temperature sensor
- 10 years data retention
- Memory size 64MB storing over 500,000 samples



Low Maintenance

The RDC10 it's designed for low maintenance in mind, its cost effective, light weight and easy for transportation.



Applications:

- Storm water runoff monitoring
- General Rainfall measurements