

# 9004

# RAINLOG Tipping Bucket Raingauge Logger

Compatible With All  
TBR's

Event Recording Of  
Time & Date

RS-232 Communication  
link

Stores Up To 10,000  
Readings

Cost effective &  
Reliable

Compact size

Rainlog is a compact, portable, low cost rainfall data logger that may be used with any Tipping Bucket Raingauge (TBR).

Installation and operation of the Rainlog is simple and straightforward, with no external controls or any need for field user adjustment. The logger is fully waterproof to IP68 and designed to operate over a wide temperature range.

The internal lithium batteries give an operational life of 3 years. The tip of each bucket is recorded using a time and date stamp. The data can then be retrieved locally by using a PC running the Milicom software (Fig 1) package.

A complimentary range of tipping bucket raingauges are available from UNIDATA.



Fig. 1

## Specifications

**Operating Temperature:** -20 to 50° C.

**Electronics:** Integrated Micro Processor.

**Communication:** Internal RS232 compatible interface for access by any IBM equivalent PC.

**Sensor Type:** Tipping Bucket Raingauge.

**Sensor Input:** Digital pulses from a volt-free contact or opto isolator.

**Data Storage:** 10,000 Readings

**Recording Method:** Event, time and date

**Logging Scheme:** Stop when full or rolling barrel

**Connectors:** Standard: Flying Leads

Optional: Military Specification

**Power Supply:** Internal Lithium Batteries

**Battery Life:** Up to 3 years operational life (under normal conditions)

**Dimensions:** 114mm x 76mm x 38mm.

**Weight:** Approx. 350g.

**Casing Material:** Plastic

**Sealing:** IP68 (1m for 7 days).



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