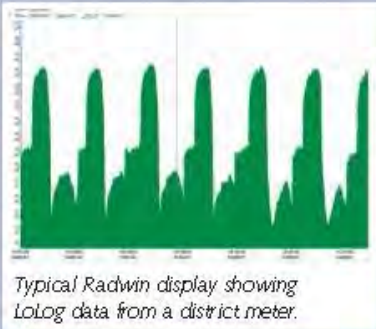


# LoLog

Data Logger



Halma Water Management



Typical Radwin display showing LoLog data from a district meter.

## Introduction

LoLog is highly flexible yet simple and economical. Designed for portable use, it can be applied to virtually any data logging application in minutes.

Once installed, LoLog can operate unattended until you need the data. It is ideal for harsh applications.

LoLog is available with 1 input channel (flow or pressure) and is completely waterproof, submersible and battery powered.

## Typical Applications

### Customer Metering Diagnostics

LoLog can be quickly applied when it is necessary to carry out an urgent investigation. Programmed in minutes, LoLog

5 YEAR  
BATTERY  
LIFE

PORTABLE

RUGGED  
DESIGN

INFRA RED

can be attached to any pulse output meter and will immediately start logging.

### Demand Management Assessments

LoLog is widely used to help planners assess demand in residential areas. LoLog is small and light and fits easily in boundary boxes.

### District Monitoring

LoLog is highly economical and is well suited to connection to distribution networks where telemetry is not desirable or appropriate.



## Features

- 5 year battery life in normal use
- Reed switch type sensors
- PD10 with inline battery box
- Uni and Bi-directional flow
- Internal or external pressure sensor
- Local data download, via Infra-Red interface into Laptop, PC or PDA
- Rugged metal loaded plastic case
- Fully sealed & submersible, IP68



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FLOW MEASUREMENT

DATA LOGGING

LEAK DETECTION

PRESSURE MANAGEMENT

## PRODUCT SPECIFICATION

|                      |                               |  |
|----------------------|-------------------------------|--|
| Sensor Input Options | Digital                       | Uni- or Bi-directional pulse.<br>Reed switch contact closure type or equivalent sensors including Kent LRP & PU10 pulse heads, Aquamag/Magmaster.<br>Up to 64 pulses per second. |
|                      | or Analogue                   | Internal Pressure Transducer<br>0-20 bar / 0-200 metres head / 0-300 psig, repeatability <0.1%.<br>4-20mA from isolated sensor.  |
| Logging Features     | Memory                        | Recording 16,000 readings in continuous (cyclic) operation.  |
|                      | Frequency                     | Sample Periods<br>In 1 second increments from 1 to 60 seconds.<br>Then 1 minute increments from 1 to 60 minutes.<br>Then 1 hour increments from 1 to 24 hours                    |
|                      | Logger ID                     | Up to 8 alphanumeric characters.   |
|                      | Site ID                       | Up to 127 alphanumeric characters.   |
|                      | Clock                         | On board 24 hour real time clock with date facility.   |
|                      | Count and Event Logging Modes | Count and Event (PIT) logging modes, with bi-directional capability.   |
| Communication        | Serial                        | RS232 by Infra-red port for connection to a PDA hand held computer, laptop, or desktop PC 9,600 Baud..   |
| Physical             | Dimensions                    | 115H x 67W x 35D mm (4.5"H x 2.6"W x 1.2"D).   |
|                      | Construction                  | Rugged metal loaded plastic enclosure.   |
|                      | Weight                        | 210g (0.5 lb).   |
|                      | Operating Temp                | -20 to +70°C (-5 to +160°F)  |
|                      | Ingress protection            | IP68 submersible   |
|                      | Power                         | Lithium battery operational for 5 years under normal operating conditions.   |

HWM reserve the right to change the specification of any product without prior notice.

R D L 4 5 1 LF / ip1

1= 1 input  
 4= Digital i/p military connector  
 5= 4-20mA input  
 6= Internal Pressure Sensor  
 Blank = standard  
 K = compressed + military connector  
 G = glanded input lead