

### KEY BENEFITS

- Up to 5 year battery life in normal use
- For reed switch type sensors
- PD10 with inline battery box
- Uni-directional flow
- Memory 16,000 readings
- Local data download via Infra-Red interface into Laptop, PC or PDA
- Rugged die cast aluminum case
- Fully sealed & submersible, IP68
- Integral LCD with continuous display (LoLog Vista only)

LoLogLL/Vista 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, LoLogLL/Vista can operate unattended until you need the data. It is ideal for harsh applications. Both LoLogLL and LoLog Vista are available with 1 or 2 input channels but LoLog Vista has the extra benefit of an Integral LCD display, giving a clear local indication of either one or both input channels. Both are completely waterproof, submersible and battery powered.

### Typical Applications

#### Customer Metering Diagnostics - Data Logging

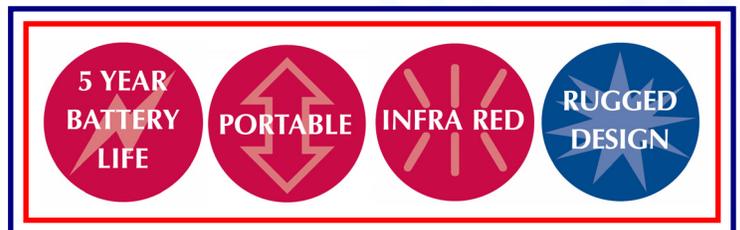
LoLogLL/Vista can be quickly applied when it is necessary to carry out an urgent investigation. Programmed in minutes, LoLog can be attached to any pulse output meter and will immediately start logging.

#### Demand Management Assessments

LoLogLL is widely used to help planners assess demand in residential areas. LoLogLL is small and light and fits easily in boundary boxes. LoLog Vista can alternatively be used as a solid state pressure gauge, or local indicator for other electrical signals, such as from digital flow meters.

#### District Monitoring

LoLog Vista is highly economical and is well suited to connection to district metering where telemetry is not desirable or appropriate



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Sensor Input Options	Digital	Uni- or Bi-directional pulse.
		Reed switch contact closure type or other non powered sensors including Kent LRP & PU10 pulse heads, Aquamag/Magmaster
		Up to 64 pulses per second.
	Analogue	Internal Pressure Transducer
		Analogue 0-20 bar / 0-200 metres head / 0-300 psig, accuracy $\pm 0.25\%$ .
		4-20mA from isolated sensor. 0-1v, 1-5v, or 0-100mVolt.
Memory	Recording 16,000 readings in continuous (cyclic) operation. (memory expandable to 32,000 readings on request)	
	Can be programmed to read continuously (cyclic mode) or for a specific period of time (block).	
Logging Features	Frequency	Sample Period - in 1 seconds increments, up 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
	Calibration	Totaliser calibration – tenths of litre per pulse.
Communication	Serial	RS232 by Infra-red port for connection to PDA or RadLink hand held programming and Communication data collection unit, laptop PC, or desktop PC upto 9,600 Baud.
	LCD Display (optional Vista)	4.5 digit Liquid Crystal Display showing one or toggling between both input channels: Real time, Latest reading, Min value last 24 hrs or Totaliser (flow meter reading).
Physical	Dimensions	160H x 108W x 45D mm (6.3"H x 4.3"W x 1.8"D).
	Construction	Die-cast aluminium enclosure, powdercoat spray painted.
	Weight	0.8Kg (1.8 lb).
	Operating Temp	-20 to +70°C (-5 to +160°F)
	Power	Lithium battery operational for 5 years under normal operating conditions. Data recoverable at factory with low battery condition.

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