

LOLOG VISTA | Flexible Data Logger

LoLog Vista is a simple, but highly flexible, portable data logger. Designed for rapid installation, LoLog Vista can be applied to virtually any data logging application in minutes.

Once installed, LoLog Vista can operate unattended until the data is required. It is rugged, making it ideal for harsh environments.

LoLog Vista is available with 1 or 2 input channels and also includes an integral LCD display, delivering a clear local indication of either one or both input channels. LoLog Vista is completely waterproof and submersible.

LoLog Vista is ideal for pressure and flow analysis in hydrants, PRVs, and meters, as well as for detecting surges, overflows, and other transient events. It is equally effective in level monitoring for tanks, rivers, and sewer systems, and can be used for rainfall and environmental logging.

Key Features and Benefits

- **Long term monitoring:** Up to 5 year battery life in normal use
- **Expandable memory:** Up to one million data values on single channel variant, if purchased with optional memory upgrade
- **Accessible data:** Data download via Infra-Red interface into laptop or PC
- **Durable:** Rugged die cast aluminium case
- **Fully waterproof:** Fully sealed and submersible. IP68 rated
- **LCD display:** Integral LCD screen with continuous display



Applications

LoLog 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.

Alternatively, **LoLog Vista can be used as a solid state pressure gauge** or a local indicator for other electrical signals, such as from **digital flow meters**.

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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Technical Specifications:

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	Analogue 0-20 bar / 0-200 meters head / 0-300 psig, repeatability $\pm 0.1\%$. Please note that the logger is calibrated to 10bar as standard. 20 bar calibration must be specified at the time of order if required 4-20mA from isolated sensor 0-1v. 1-5v. or 0-100mV
Memory	Recording 64,000 readings in continuous (cyclic) operation. Unit can be purchased with optional extended memory to 1,000,000 data values depending on variability of data.
Communication	
Serial	RS232 or USB by Infra-red port for connection to laptop or desktop PC
LCD Display (Vista)	4.5 digit LCD showing one or toggling between both input channels: real time, latest reading, min value last 24 hours or totaliser (flow meter reading)
Features	
Frequency	Sample Period - in 1 second increments, up to 24 hours
Logger ID	Up to 8 alphanumeric characters
Site ID	Up to 127 alphanumeric characters
Clock	24 hour 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
Dimensions (HXWXD)	160x108x45 mm
Construction	Die-cast aluminium enclosure, powder coat spray painted
Weight	0.8kg
Operating Temp.	-20° to +70° C
Power	Lithium battery operational for 5 years under normal operating conditions. Data recoverable at factory with low battery condition.