

LoLog Vista

Data Logger

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

Once installed, LoLog Vista can operate unattended until you need the data. Its rugged design is ideal for harsh applications.

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



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, PC or PDA
- **Durable:** Rugged die cast aluminium case
- **Fully waterproof:** Fully sealed & submersible, IP68
- **LCD display:** Integral LCD with continuous display

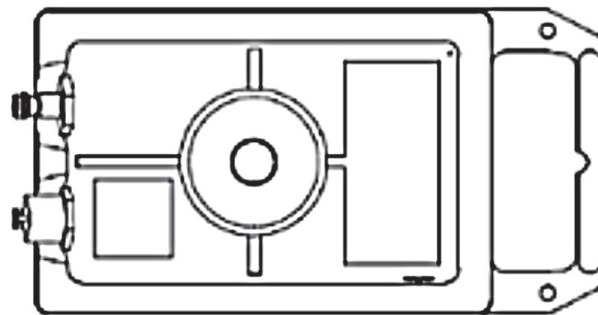
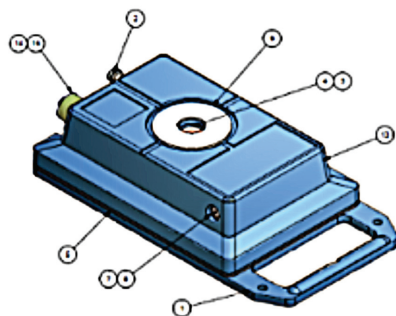
Applications

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.

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. 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	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 0-100mVolt.
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 PDA, laptop PC, or desktop PC.
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).

Logger 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.
Dimensions	160H x 108W x 45D mm (6.3"H x 4.3"W x 1.8"D).
Construction	Die-cast aluminium enclosure, powder coat 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.



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