

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. Completely waterproof and submersible, 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.



Key Features

- **Long term monitoring:** up to 5 years battery life.
- **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.

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. 20bar 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.

Specifications

- 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:** 160H x 108W x 45D (mm) - 6.3" x 4.3" x 1.8"
- Construction:** Die-cast aluminium enclosure, powder coat spray painted.
- Weight:** 0.8kg (1.8lb).
- 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.

Communication

- Serial:** RS232 or USB by Infra-red port for connection to laptop or desktop PC.
- LCD Display:** 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).