

MultiLog is a highly advanced and versatile multi-channel data logger which can be supplied with up to four inputs for monitoring any combination of digital or analogue signals. Its sophisticated electronics, robust construction and long battery life have been proven to deliver consistent and reliable data in some of the harshest environments on earth.

MultiLog is ideal for monitoring flow and/or pressure in a district or zone to assess demand, leakage and conformance. It can perform dynamic flow and pressure analysis of network models, and has an innovative 'secondary channel' feature which enables additional fast logging down to one second intervals. This is invaluable when more detailed investigation is required, such as pressure spikes and 'true' minimum night flow.

Previously, secondary channel logging could only be used as a manual direct download but lower GPRS data transfer rates have enabled HWM to make this a telemetry feature. The standard logging continues alongside the secondary channel logging for general reporting purposes

Each logger features an external antenna to enable the best signal strength position to be accessed. Data can be transmitted to our secure DataGate web based portal from which it can be viewed on any internet enabled device via the HWM Online website. Alternatively, the logger can send data directly to a customer specific FTP site or modem.

To ensure that firmware updates are installed quickly and efficiently, upgrades can take place remotely, which removes the need for expensive site visits.

Low power electronics enable the long battery life to be maintained even with increased transmission rates. The replaceable internal batteries will typically power the device for over five years when data is transmitted every eight hours. A range of low cost external battery packs are available which enable the five year battery life to be maintained when transmitting data every hour, 30 minutes or even down to every 15 minutes.



KEY BENEFITS

- Integral PSTN or SMS/GSM/GPRS Cellular Telemetry options.
- Up to 4-channel logging with two internal pressure transducers.
- Fast logging 'secondary channel' for logging to 1 second – as standard.
- Pseudo channel for true max and min flow and investigation of pressure spikes – as standard.
- Full alarm functionality
- External antenna for optimum signal.
- 5 year battery with Power Windows.
- Secondary channel for fast logging to 1 second.
- Bi-directional flow uses single channel.
- Memory 179,760 readings.
- Local data download via 10 Pin Military plug into Laptop, PC or PDA.
- Rugged die cast aluminum case.
- Fully sealed & submersible, IP68.

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