

A Fusion of Palmer and Radcom Innovation

PermaNet LX combines the proven Palmer Permalog+ leak noise logger and our versatile Radcom LX telemetry logger to create a fixed network system that monitors leakage whilst simultaneously logging pressure, flow and other parameters through the same system.

Multiple Communication Options

The Permalog+ noise logger is hardwired to the LX data logger in order to take advantage of its easy set up functionality. Once installed, leak data calculated using the proven Permalog algorithm is transmitted via low cost GPRS or SMS telemetry. This removes the requirement for expensive site visits and "drive by" data retrieval, although the Permalog+ is equipped with integral radio telemetry to also enable installation and site follow up.

Potential Leak Areas Quickly Identified

PermaNet LX delivers leak alerts to a host modem or internet enabled device. Leakage teams can respond quickly to problem areas and bring them under control efficiently.

Multiple Parameter Logging and Leak Sizing

PermaNet LX is ideal for monitoring a wide range of parameters including flow, pressure and temperature to assess demand, leakage and conformance. Combining noise and flow data enables the operator to accurately determine the size of a leak by matching daily leak alerts with the corresponding zonal flow data. Larger leaks can then be prioritised to ensure that the maximum possible water savings are made.

Proven Technology

With tens of thousands of LX loggers and hundreds of thousands of Permalog+ loggers successfully deployed worldwide, PermaNet LX offers proven performance. It is designed to fit inside very shallow Atlas box installations and is supplied with external antenna options to transmit data out of the chamber. Integral GPRS/SMS technology provides rapid data transmission at low cost, and a range of battery boxes support more frequent dial-in options for almost real time telemetry when required.



KEY BENEFITS

- Log leak noise and other parameters.
- Enables leakage teams to respond quickly to specific locations when a leak is detected or grows larger, reducing run times and saving water.
- Leak sizes can be determined by matching daily alarms with flow data to enable leak alerts to be prioritised.
- Easy set up and data integration via third party SCADA systems, ALMOS Leak online mapping system, host modem or DataGate web hosted data server.
- Problem zones brought quickly and effectively under control.
- LX logger has up to 2 x Digital inputs and 1 x Analogue input for versatile logging functionality. .
- External antennas to improve signal strength.
- Fully sealed & submersible, IP68.