



Widespread water network leak detection

Our acoustic logger systems are fitted at access points, such as valves or hydrants, providing rapid identification of the presence of leaks by monitoring acoustic noise.

PHOCUS3

A noise logger designed for detecting and localising water leakage. It enables water suppliers to quickly and efficiently locate leaks in the water network. Its wireless communications allow both 'lift and shift' or permanent deployment.



PHOCUS3M

Combines specialist leak noise detection and versatile communications technology to create a fixed network of loggers to monitor leakage. The logger samples pipeline noise at one-second intervals during each of three sample epochs during the night when background acoustic noise is lowest.



FEATURES & BENEFITS AT A GLANCE:



Data collected locally via wireless communication

- Cost effective leakage management
- Ideal for sites with poor signal strength
- Live leak listening through wireless communications



Flexible deployment

- Infra-red for lift and shift and radio for semi-permanent installation
- Enables loggers to be deployed more efficiently and effectively saving costs



Powerful post-processing data analytics

- Detects leaks reliably and accurately



Modem for remote communications

- Enables monitoring of leakage in large networks and reduces manpower



Connected to PrimeWeb analytics platform

- Advanced data analytics, with GPS map visualisation pinpointing location
- Alarm notification
- Daily updates for reduced leak runtime



Advanced data sampling

- Discriminates leakage from usage and reduces false alarms



Flexible deployment

- Fixed, semi-permanent or lift and shift
- Saves CapEx and OpEx by allowing strategic deployment across large networks



Market leading advanced antenna

- Best in class below ground connectivity
- Reduces OpEx by limiting downtime
- Reduces need for above ground costs such as planning or damage caused by third parties

