



CLEAN WATER



PCorr+

Portable Leak Detection System

2024



MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

Portable Leak Detection

There may be occasions or circumstances, when monitoring for leaks, in which the fixed network telemetry delivered by PermaNET is unsuitable or unnecessary.

For situations when this might be the case, we have developed an effective portable leak detection system, built around our dynamic PCorr+ device.

How the PCorr+ system works



Initially, leakage teams populate areas of the water network with easy to install **PCorr+** devices. The loggers instantly go to work, recording sound files at set intervals, storing the data until it is collected.

Data is collected from deployed PCorr+ devices using a **Patroller 4** wireless transceiver. Rapid data download via radio means that PCorr+ data can be downloaded through both 'drive-by' or lift and shift operation.

From Patroller 4, data is uploaded to the **WebCorr** mobile app, allowing in-field access. WebCorr uses a wireless connection for the uploading of data, so no internet connection or access to the DataGate server is required.

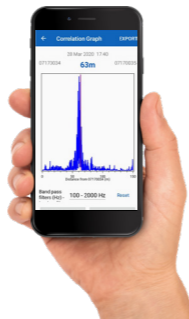
WebCorr contains a variety of features to deliver in-field correlation of leak noise data, including a Manual Intelligent Filtering System (MIFS), map view, pipe material and pipe length dropdown options and our Aqualog noise histogram.



PCorr+
Correlating Noise Logger



Patroller 4
Wireless Transceiver



WebCorr
In-Field Correlation App

- Simple to install
- Records sound files
- Wireless data transfer
- IP68 rated

- Drive-by data collections
- Portable and discreet
- Easy to use

- Wireless data transfer
- No internet connection needed
- Leak noise correlation
- Manual Intelligent Filtering
- Mixed material options
- Aqualog histogram

Additional Features



PermaNET Web Secure Data Viewing Portal

The PCorr+ portable leak detection system is fully operational without an internet connection or an account on the HWM DataGate server.

However, customers that have access to DataGate and an internet connection in the field have the ability to upload their PCorr+ data from WebCorr to PermaNET Web, to take advantage of the additional features that this portal offers.

Additional features available through connectivity with PermaNET Web includes DMA clusters, GIS integration, leak ranking, installation database, communications monitoring and full remote re-programming.

Permalog+ Leak Noise Data Logger

Permalog+ data loggers can also be used as part of the system as they are compatible with Patroller 4, supporting 'drive-by' and lift and shift data collections.

The data gathered from non-correlating Permalog+ devices can also be transferred to WebCorr.



We are experienced and respected manufacturers of monitoring and telemetry equipment for water, wastewater and gas networks, together with telemetry AMR and facilities optimisation products.



Clean Water Network Monitoring

With over 30 years in the water industry, HWM is skilled at addressing the challenges of water network monitoring. With increased pressure on water globally, we can solve the problems of effective water network management, providing data on performance and enabling effective network management.

Waste Water Network Monitoring

Control of waste water networks is a key public health challenge. Effective monitoring of waste water networks reduces both frequency and impact of pollution events. Permanent installation of remote monitoring equipment helps to alert network operators to immediate problem sites.

Gas Network Monitoring

Effective monitoring of gas networks has traditionally been a challenge, due to a lack of on-site power and deployment difficulty. Our gas products address these concerns, using our expertise in ATEX and low power design capabilities. This enables users to collect data about this critical infrastructure.

Automated Meter Reading

Accurate and consistent data is the foundation for effectively controlling energy usage and reducing waste. AMR delivers precise and timely consumption data for investigation and analysis of energy usage as well as exact billing.

Facilities Management

HWM has pioneered the development of wireless monitoring solutions for fixed network deployment. These can be combined with a variety of sensors, providing our partners with 'near real-time' data that they need to help their customers to eliminate waste, cut costs and reduce carbon emissions.



All images, text and designs are protected by international and UK copyright law and remain the property of HWM. It is against the law to copy or use any of the content from HWM website or literature without the written consent of HWM. HWM Ltd. reserve the right to vary the specification.



HWM Water Limited

Ty Coch House
Llantarnam Park Way
Cwmbran
NP44 3AW
United Kingdom

+44 (0) 1633 489 479
sales@hwm-water.com
www.hwmglobal.com

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

www.hwmglobal.com

A **Halma** company