



The Sound Choice  
for Leak Detection.™

fluidconservation.com

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# PermaNET+ Trunk Main

## Fixed Network Leak Detection

Operating Temperature	-20 to 60°C (-5 to 140°F)
Memory	Primary recording: 1 million readings
Dimensions	Logger: H = 84mm, W = 114.5mm, D = 113.3mm Hydrophone: H = 89.3mm, W = 50mm, D = 50mm
Weight	Logger = 338g Hydrophone = 476g
Ingress Protection	IP68 submersible
Antenna	Multiple external options - contact FCS for more information
Battery Life	Typically 3 years (depending on settings and signal condition)
Internal Cellular Modem	Cellular modem supporting 2G/3G/LTE-M (Cat-1) with SMS backup where available - contact HWM for more information
Alarms	Leak/no leak Signal received/not received



### Key Features and Benefits

- **High-Performance Hydrophones:** Designed to deliver superior performance over long distances in large-diameter and plastic pipes.
- **Leak Size Determination:** Match daily alarms with flow data to prioritize leak alerts effectively.
- **Secondary Validation Methods:**
  - **Aqualog:** Utilizes a detailed noise histogram to minimize false positives.
  - **Audio Monitoring:** Allows for remote listening to the noise.
  - **Remote Correlation:** Helps in localizing the leak position.

## PermaNET Web

### Online Data Portal

PermaNET Web is a secure, web-based portal designed to support the PermaNET product range in the remote identification of network leakage.

Supporting acoustic correlation, leak detection and logger programming, PermaNET Web delivers connectivity with multiple loggers and provides the user with numerous ways to view collected data.

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