



**AUTOMATED
METER READING**



SMARTlog

Data Logger

SMARTlog is an innovative and feature rich data logger designed specifically for the water industry. It is capable of reading the meter, detecting leakage, backflow and tamper events.

Designed with commercial logging, AMR and leak detection in mind, SMARTlog can store data at customer specified intervals to suit specific applications; typically, between 5 - 30 minutes. Once deployed, SMARTlog allows users to remotely acquire the logged consumption and leakage data via radio negating the need to physically access the meter. The SMARTlog is health and safety conscious as the chamber does not need to be accessed to download. The SMARTlog is also time and cost efficient.



Key Features and Benefits

- **Quick installation:** Unit is easy to install.
- **Large Memory:** 32,768 internal memory slots.
- **Flexible alarm modes:** Tamper, Backflow, Low Battery alarms.
- **Supports existing systems:** Works with sophisticated tariff models.
- **Versatile:** Can be used for Commercial Logging
- **Long term monitoring:** 5 year battery life as standard
- **Flexible interface:** Unit be fitted to all pulse output meters
- **Remote Download:** Can be wirelessly downloaded from a vehicle
- **IP68:** Designed for deployment with long term submergence
- **Innovative:** Internal antenna to provide maximum range of up to 75m

Applications

In operation, the SMARTlog accumulates and stores the pulses from a meter and transmits this information at 2 second intervals to enable rapid drive by download speeds.

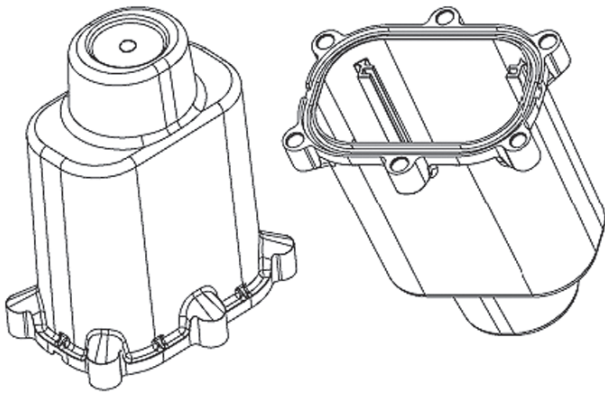
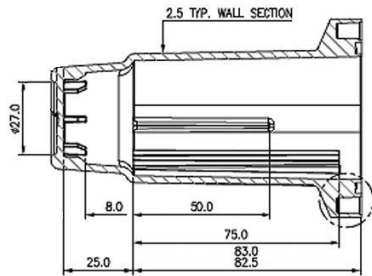
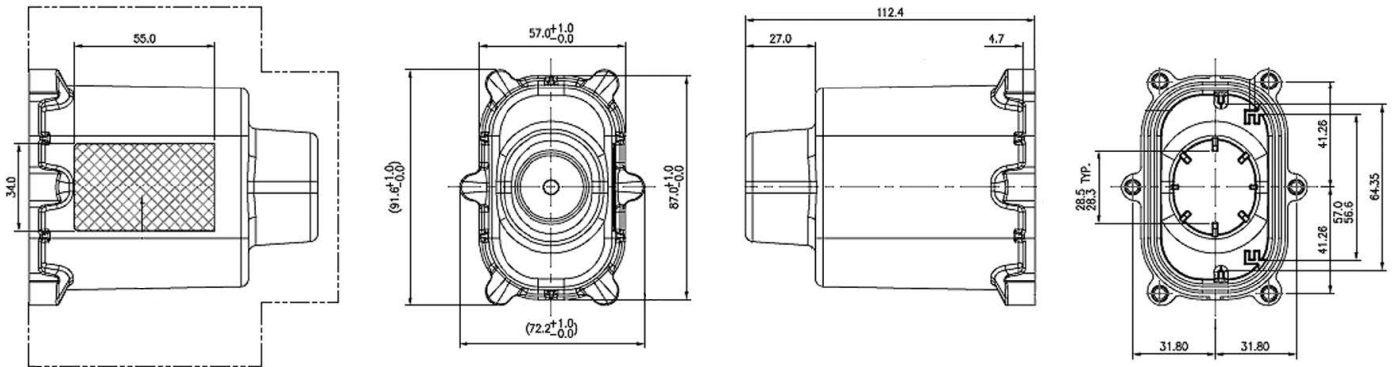
Data download is fast and efficient. A one month profile can be wirelessly downloaded in seconds, thereby significantly reducing the "per meter cost" of meter reading and removing the need for estimated bills.

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

www.hwmglobal.com

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Logger Features

Radio frequency	869MHz (Other options available on request)
Approvals	CE, RTTE, Directive
Range (line of sight)	Up to 75m
Battery Life	5 years as standard
Operating mode	Chirp transmission and requested download
Operating Temp	-10°C to +40°C
Logging Frequency	5mins, 15mins, 30mins
Chirp rate	2 seconds
Antenna	Magnetic coupling to mounting plate in lid
Modulation	Wide band FM
Data format	Secure encrypted protocol
IP rating	IP68
Mounting	Magnetic
Dimensions	70 x 90 x 130mm
Weight	550g



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