SMARTlog
Data Logger

SMARTlog is an innovative and feature rich data logger designed specifi cally 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 specifi ed intervals to suit specifi c 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 well as 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
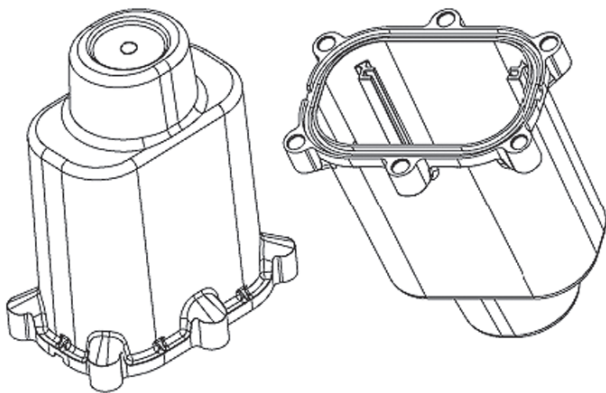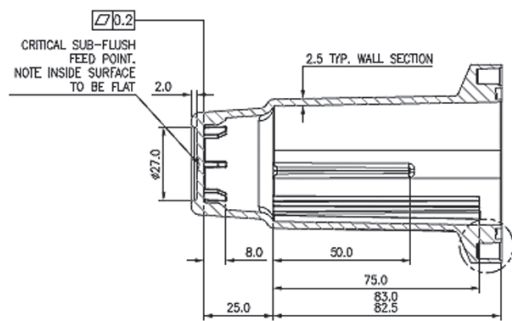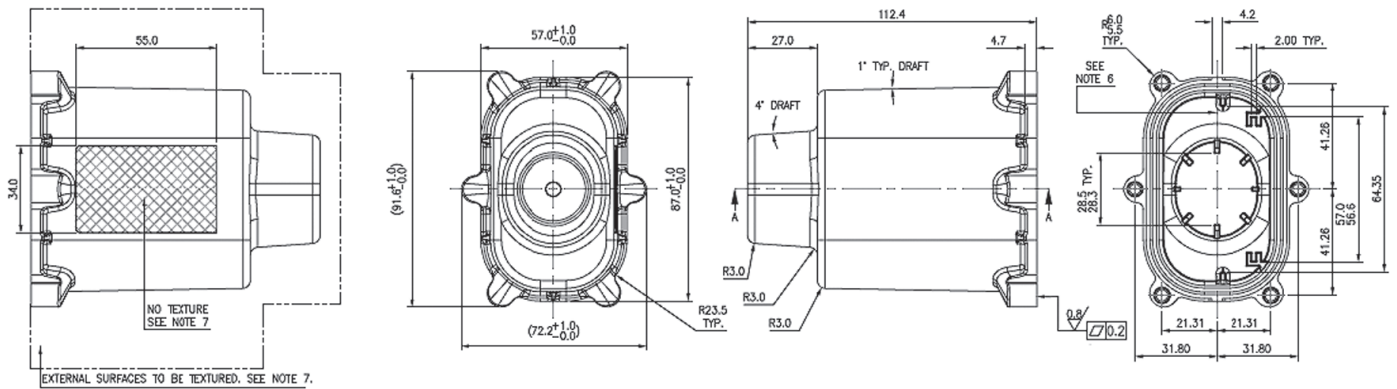
Applications

In operation, the SMARTlog accumulates and stores the pulses from a meter or turbine 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 effectively removing the need for estimated bills forever.

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Logger Features

Radio frequency	869MHz
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 to +40
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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MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

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