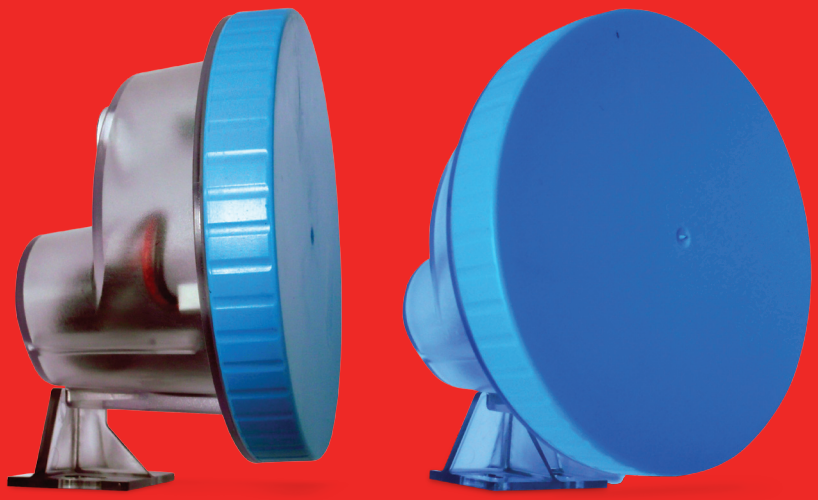

Water Logger

The water logging products are designed to recover data from commercial and industrial, network and secondary water meters.

The GGES water logger is available in two forms:

- GSM communicating by SMS
- Low Power Radio (LPR) operating with a local collection hub

Both versions are optomised to operate in hostile radio conditions, underground and in pits.

The X4-W, like other solutions from GGES is a cutting edge design built on many years of providing automated meter reading services to industrial and SME users. X4-W is an innovative solution, offering ease of configuration and installation encapsulating technological advancement.

The device is designed to achieve IP68, the highest degree of protection for the application. The size is such that it will fit in a domestic boundary box slave chamber.

As with other GGES AMR devices, the X4-W can initiate data transmission (event-driven or scheduled) which helps minimize the transmission costs and energy consumption, therefore maximising battery life.

The GSM version can collect data on a daily basis or be programmed to provide data logging to a maximum resolution of 5 minutes. This is typically delivered next day.

The LPR version can be directly connected to the Internet via our gateway to provide near real time data.

Key Features

Data logger
- Logging of 2 channels and tampers
- Logging for 225 days per channel (GSM version)

Flow alarms
- GSM version can be programmed to provide automated alerts on maximum or minimum flow over time period. The LPR version provides the functionality as a part of the remote system

Two-way communication
- Enables remote reconfiguration

Physical Interface Connections
- 2 input channels via IP68 connection

Additional I/O
- Extension to provide analogue channels for pressure sensing

Power requirements
- Battery powered from 3.6 volt lithium cell
- Self sufficient with a minimum time of 5 years assuming 30 minute logging and daily communication

Configuration
- Capability to configure remotely
- Configure via optical port

Local Optical Port
- Standard IEC 601107
- Local programming
- Local update of firmware

Enclosure
- IP68