



SatMag Water Metering Logger

Remote Satellite Telemetry Data Logging

Product Information



Your data, anywhere.

Designed and made in Australia

Overview

The SatMag Water Metering Logger has been designed specifically for the Seimens MAG8000 Flow Meter. Easy to install, it fits within the casing of the meter retaining the original patent approval, utilising the existing mains power supply with additional battery backup. The only additional external device is a small antenna. Utilising the Iridium satellite network, location will never be an issue for remotely monitoring your meter.

Cost effective, efficient and easy to install and use, the SatMag Water Metering Logger will provide accurate, auditable data direct to your desktop.



Feature Description

- Satellite connectivity.
- Indefinite retention of sensor data stored in flash memory on board as a backup.
- The default configuration has a 10 minute sample interval and daily reporting frequencies.
- User customisable with site set up tools via Android and iOS app.
- Mains powered with backup battery.
- Light sensor for tamper detection.

Certification

The SatMag Water Metering Logger has been designed to comply with the Australian Standards:

- AS/NZS 3820:2009 for low voltage battery powered devices.
- Iridium Certification



Site Expectations

- The data logger is a scientific instrument that needs to be installed correctly. If the logger is not installed correctly the accuracy of its data cannot be relied upon.
- The site needs to have a clear view of the sky for best possible satellite connectivity. The antenna should be magnetically mounted and free from any nearby obstructions.

Device Specifications

Product Features

- Satellite connectivity via Iridium network
- Sampling frequencies supported to as low as ten minutes
- Fault detection including power interruptions
- Remotely configurable by the end user via the iOS/Android application and Web Portal
- OTA firmware updates via the phone application
- Light sensor for tamper detection.

Technical Specifications

- 3.6 μ W typical power consumption when sleeping
- Supports pulse input frequencies up to 100 Hz.
- Operational temperature range: -20 to 80°C

Warranty

Ontoto Pty Ltd will warrant the entire product (excluding the batteries) for 5 years from the date of delivery for parts and labour.





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