

Metering Data Loggers

Product Application
Guide



Site Sentinel Aeos® S1

GlobalStar Satellite

Low Power Satellite Logger (Pulse I/P)

- Ultra-low power, fully self-contained compact data logger with internal Satellite Modem and integrated internal antenna
- User defined background reporting regime to send metering data to host, example, hourly, daily, weekly
- Deploy in virtually any location worldwide
- 1 x Tamper DI, 1 x Meter DI / 32-Bit Counter
- Battery only operation with user / field replaceable battery pack
- IP67 protection rating
- Automatic device provisioning to Processr.IO® Cloud Service
- Interfaces to any Pulse output capable meter



Site Sentinel® C1-001

4G Cellular

Low Power Compact 4G Logger (Pulse I/P)

- Ultra-low power, fully self-contained compact data logger with internal 4G (Cat-M1 / NB-IoT) Cellular Communications
- User defined background reporting regime to send event logged data to host, example, hourly, daily, weekly
- Battery only operation with user / field replaceable battery pack
- 2 x Digital Inputs / 32-Bit Counters
- External SMA antenna connection
- IP68 protection rating (4 Metres / 4 Days)
- Supports remote device management/configuration
- Automatic device provisioning to Processr.IO® Cloud Service, or Direct to SCADA connectivity via DNP3
- Interfaces to any Pulse output capable meter



Metermade® N3-001 4G Cellular

Low Power 4G Logger (Pulse I/P + Modbus)

- Ultra-low power, fully self-contained data logger with internal 4G (Cat-M1 / NB-IoT) Cellular Communications
- User defined background data logging and reporting regime to send event logged data to host, example, hourly, daily, weekly
- Battery only operation with user / field replaceable battery pack
- Multi-drop Modbus RS485 / RS232 Serial Port for direct data connection to one or more Smart Meters
- 2 x Digital Inputs / 32-Bit Counters
- External SMA antenna connection
- IP68 protection rating (4 Metres / 4 Days)
- Supports remote device management/configuration
- Automatic device provisioning to Processr.IO® Cloud Service, or Direct to SCADA connectivity via DNP3
- Interfaces to any Pulse output or Modbus RTU capable meter



Site Sentinel® X1-002 4G Cellular

Solar Powered 4G Logger (Pulse I/P + Modbus)

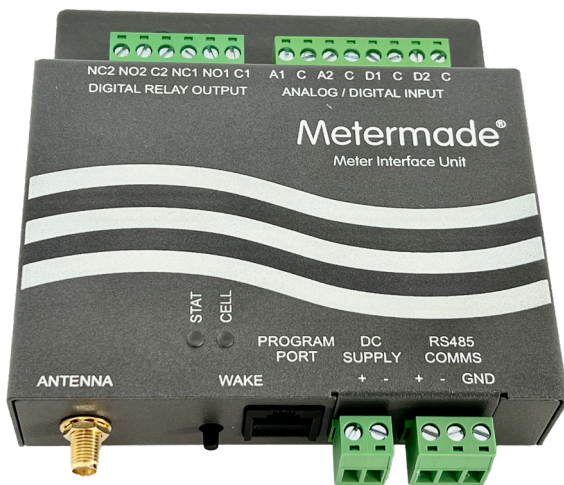
- Ultra-low power, fully self-contained data logger with internal 4G (Cat-M1 / NB-IoT) Cellular Communications
- Built in Solar Regulator / battery supports high speed data logging and data upload capability
- User defined background data logging and reporting regime to send event logged data to host, example, hourly, daily, weekly
- Multi-drop Modbus RS485 / RS232 Serial Port for direct data connection to one or more Smart Meters
- 4 x Digital Inputs / 32-Bit Counters, 4 Analog inputs
- External SMA antenna connection
- IP68 protection rating (4 Metres / 4 Days)
- Supports remote device management/configuration
- Automatic device provisioning to Processr.IO® Cloud Service, or Direct to SCADA connectivity via DNP3
- Interfaces to any Pulse output or Modbus RTU capable meter



Metermade® N2-002 4G Cellular

Low Power 4G Logger (Modbus)

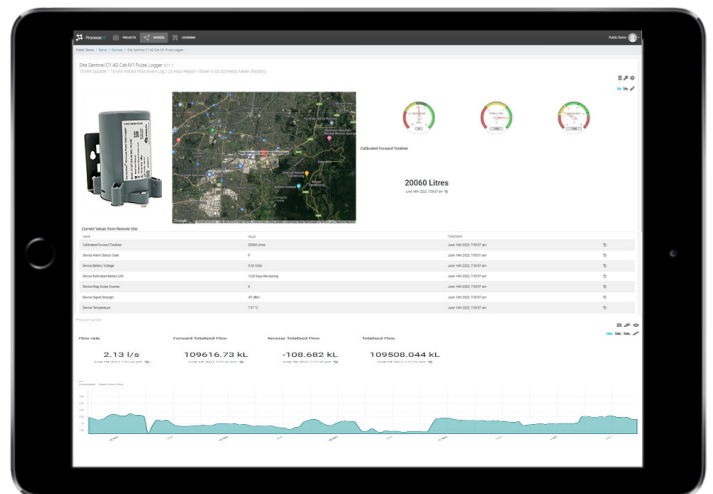
- Ultra-low power, fully self-contained data logger with internal 4G (Cat-M1 / NB-IoT) Cellular Communications
- Designed to fit directly inside Tyco i300 / Pentair i500 irrigation flowmeter housings
- Powered by existing flowmeter battery
- User defined background data logging and reporting regime to send event logged data to host, example, hourly, daily, weekly
- Modbus RS485 Serial Port for direct data connection to flowmeter
- Additional 2 x Digital Inputs / 32-Bit Counters, 2 x Analog Inputs and 2 x Digital Relay Outputs
- External SMA antenna connection
- Supports remote device management/configuration
- Automatic device provisioning to Processr.IO® Cloud Service, or Direct to SCADA connectivity via DNP3



Processr. IO® Cloud Visualisation

Complete Visualisation + Alarming Package

- Highly Secure AWS based platform with unlimited user access
- Aggregate data from multiple different data sources
- Supports remote device management (device model dependent)
- Alarming / Alerting via SMS, Voice, Email
- Trending / Custom dashboards
- Automated secure data forwarding
- Secure data remote access via native API
- Highly optimised for mobile / field use
- Interfaces to any enterprise billing software platform
- Automated device provisioning
- Unified single data platform supports virtually any device
- Trusted by utilities worldwide



About 37South

37South is an Australian Based Industrial Product Design and Engineering Company.

We design and develop class-leading ultra-low powered 4G Cat-M1/NB-IoT Cellular, Radio and Satellite based RTU and Data Logger products.

Under the brands of Site Sentinel[®], Site Sentinel Aeos[®] and Metermade[®], these products support industry-standard protocols such as DNP3 and Modbus for the Utility sector.

We have a long history of delivering innovative SCADA and Communications Systems Integration solutions in the Utility sector across Australia, and a rich heritage in the product design space for the Utility industry.

All Site Sentinel[®], Site Sentinel Aeos[®] and Metermade[®] products are proudly designed and manufactured in Australia, preserving our long standing commitment to supply Australian-made products to our end customers.

Due to their high reliability and our emphasis on product support, our products are trusted time and time again by leading utility organisations worldwide.



Ph: 1300 855 142
37s.com.au

info@37s.com.au

3 Camaro Place KILSYTH VIC 3137

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