



Metalog

Rugged 4G Remote Data Logger

The 4G Metalog ushers in the new era of remote data logging capabilities. Designed for the Australian market the Metalog is a rugged remote monitoring, ultra-low powered, wireless data logger.

Built specifically to endure the harshest of conditions. Over 5 year battery life, real time display, multiple sensors (numerous 3rd party sensors compatibility/PnP) configurations, durable high impact IP68 enclosure. All of this functionality delivers unrivalled performance and durability.

A easy to use browser interface ensures quick and seamless deployment. The ability to preprogram units via software also makes deploying multiple sites simultaneously a simple and seamless process.

Features:

- IP68 high impact environmental enclosure
- Big data online platform for 1,000's of sites at once
- IP68 LCD real time screen as standard
- Fast onboard processing power
- Contactless switch to view real time data on the screen
- 4G wireless communications as standard
- Completely configurable from your browser
- Fast processing power
- Web and PC configurable
- 5 plus year battery life*
- 7 x High resolution user configurable inputs
- Broad range of 3rd part sensor compatibility
- Customizable Alarm parameters

Applications:

- Standalone Remote Monitoring
- Automatic Meter Reading (AMR)
- Sewer Monitoring
- Environmental Monitoring
- Real time network analysis.
- Agricultural





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Specifications

Power Inputs:	56Ah/14.4VDC	12-28VDC	110-220VAC	Solar: 20.8Ah/14.4V, Panel: 20W
Signal Inputs:	3 x 4-20mA (±0.5%FS)	2 x Digital/Pulse	1 x RS485/Modbus	1 x 1080p Camera
Communications:	3G/4G (TDD-LTE B40 FDD-LTE B1/B2/B3/B4/B5/B7/B8/B28 WCDMA B1/B2/B5/B8 GSM/GPRS/EDGE B2/B3/B5/B8)	RS485 (USB-RS485)	NB-IoT (B1/B3/B8/B5/B20/B 28)	LoRa (433/470/868/915MHz)
Power Consumption:	Sleep Current ≤ 30uA/14.4V	Transmission Current ≤ 50mA/14.4V		
Storage:	Onsite: 4MB (high speed flash storage > 200,000 logs)	Cloud: 1GB (Enterprise Level)		
Scan Rate:	User Defined 0-1440min			
Battery Life:	3~5 Years (Uploading every 6 hours and logging 2 channels every 5 minutes)			
Onsite Interface:	Magnetic LCD activation			
Diagnostics:	Onboard self check diagnostics			
Dimensions:	147(w)×262.5(h)×105.5(d)m m			
Enclosure:	IP68 rated in PA6+30%GF			
Weight:	2.3kg (with battery)			
Temperature:	Operating: -20c~70c	Storage: -40c~85c		
Mounting Options:	Hoop mount (316SS)	Wall mount (316SS)	Handle mount (316SS)	