

SUMS+

XIM Data Logger

Product information

The SUMS XM Data Logger is a compact, multi-channel monitoring device that can be attached to any utility meter with a pulse output.

Usage is monitored over 15-minute intervals and uploaded to the SUMS portal for further analysis.

Powered by long-life (5-8 years) 2 x 3.6V Lithium battery cells, the SUMS XM Data Logger can be installed in almost any environment.

The sturdy enclosure is hermetically sealed (IP66) and manufactured from UV-stabilized plastic to withstand the harshest climate.

The SUMS XM Data Logger is simple to install and sends data in a matter of minutes from entering the site!



LONGEVITY & FLEXIBILITY

XM Data Logger key features

- Monitors up to 3 utility meters simultaneously.
- Monitors a 4-20mA sensor.
- Pulse output duplication supports sites with existing data loggers or a BMS.

Battery option available.

Remote firmware updates and diagnostic reporting.

Integrated Quad-Band Wireless module - LTE:
Bands 3, 5, 8, 28 (1800, 850, 900, 700 MHz),
Tri-Band UMTS: Bands 1, 5, 8
(WCDMA/FDD 2100, 850, 900 MHz)

Support for a wide range of external high-gain GSM antennas.

LED display shows

- Operating status
- Online status
- Input pulse activity on 3 channels
- 4G/3G signal strength
- 4-20mA status
- Pulse output channel activity
- Battery condition status
- Magnet activation

Input electrical characteristics

Parameter	Min	Typ	Max
Open voltage	2.2V	2.5V	2.5V
Closed voltage	0V	0V	500mV
Closed current	9uA	11uA	11uA
Open current	0uA	0uA	1.4uA
Impedance		220k/10nF	
Closed duration	5mS		
Open duration	5mS		
Pulse rate			100pps

Enclosure

- Physical size – 115mm x 90mm x 55mm
- Weight – 580gm
- Material – Polycarbonate, UV resistant
- Hermetically sealed
- Tested to IP67 Conditions
- Operating temperature between -15 to +70 degrees.
- Bar code identification strip

Standards

- Complies with Australian EMC regulations for A-TICK Certification
- AS/NZS CISPR22: 2009 (CISPR22: 2008 Ed 6)

More information

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