



INFORMATION

Format	GSM Gateway
Part#	XEMT3-10000
Part# - digital daisy chain	XEMT3-10001

The Xemote 1500 GSM Gateway is a smart remote monitoring device for industrial and commercial applications. Industry standard 4-20mA current loop sensors together with the availability of GSM connectivity allows the Xemote 1500 to provide a comprehensive range of measurement capabilities. Wide ADC voltage range inputs provide numerous expansion options to non-standard measurement inputs.

The Xemote 1500 can be powered by a 12-24V DC power supply or a solar panel. An internal rechargeable battery is supplied with the solar powered units which is optional for the standard unit.

HIGHLIGHTS

- Over voltage & input transient suppression for each measurement channel
- Auxiliary Input/Outputs
- Large measurement storage memory
- Backup battery

APPLICATIONS

- PT100 temperature monitoring
- Pressure monitoring
- Water level monitoring
- Flow monitoring
- Digital input monitoring e.g. pump on/off status

SENSOR SPECIFICATIONS

GSM

Carrier	Multi-Carrier Support
GSM Technology	2G (GSM/GPRS 850 / 900 / 1800 / 1900 MHz)
Antenna	195mm SMA, Straight / Right Angle 3dBi Gain

Features

Analogue Inputs – 4x	Input voltage range: 0-5V, 0-10V
Current Loop inputs – 4x	Input current range: 0-20mA, 4-20mA, 0-40mA
USB	Micro USB for field testing
IO – 8x	3.3V output, 5V compatible input
Power Supply	12-24V DC terminal connectors
Battery Connection	3.7V Li-Ion, LiPo
SIM	Micro SIM
SD Card	Micro SD Card for data logging

Mechanical

Dimensions	Compact 110x110x66mm
Rating	IP66,67

For more information about our products, please contact our sales department.

Visit our website at www.xemote.co.za | sales@xemote.co.za

Copyright © 2019 Xemote (Pty) Ltd. All Rights Reserved.

Rev 1.0.3

XEMOTE 1500 GSM GATEWAY



Material	Poly Carbonate
Mounting	Attachment notches
Environmental	
Operating Temperature	-20 °C to +60 °C
Storage Temperature	-20 °C to +45 °C (Incl. Battery)
IP Rating (as shown)	IP68 (protection against dust and temporary immersion)
Warranty Terms	
Period	12 months

ORDERING INFORMATION

Part Number	Details	Configuration
XEMT3-10000	Xemote 1500 GSM 2G Sensor Gateway	Supplied with 12VDC AC adapter and antenna. Other packaging options on request.
XEMT3-10001	Xemote 1500 GSM 2G Sensor Gateway with digital daisy chain	Supplied with fit-on digital daisy chain module for multiple digital temperature sensors on a single wire.

*Product images are for illustrative purposes only and may differ from the actual product.
Specifications are subject to change without notice.*