



INFORMATION

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|--------|-------------|
| Format | GSM Gateway |
| Part# | XEMT4-10000 |

The Xemote 2000 GSM Gateway is based on a 2G (GSM) wireless engine and comes integrated with Xemote’s wireless access point network (WAN) for use with all Xemote wireless sensors. Up to 128 wireless sensors can be connected to a single Gateway. The GSM Gateway also features a backup battery that allows the device to continue operating for up to 48 hours in the event of a power failure or GSM connectivity loss, ensuring that your sensors can communicate with the monitoring software.

HIGHLIGHTS

- Up to 128 sensors connected to a single Gateway
- Auxiliary Input/Outputs
- Large measurement storage memory
- SDC SMS control
- Backup battery

APPLICATIONS

- Transmits sensor data to the Xemote cloud online sensor monitoring portal
- Commercial monitoring applications
- Facilities monitoring
- Small business monitoring
- Large business monitoring
- In-vehicle cold chain monitoring
- Remote control applications

SENSOR SPECIFICATIONS

GSM

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

Wireless

| | |
|----------------|---|
| Frequency | 868 MHz Operating Frequency |
| Range | 500m – 1km (LOS). Longer ranges available with GSM Gateway 868Mhz outdoor Omni antenna 6dB gain. |
| Security | Encrypted |
| Certifications | ETSI EN 300 220-2 V2.4.1 (2012-05) |
| Antenna | Omni Directional Straight / Right Angle 3dBi Gain |
| LED Lights | Power, GSM Link and RF Activity |
| Device Memory | 50,000 sensor messages (Sensor messages will be stored in the event of Internet outage and transferred when connection is restored) |

Power

| | |
|----------------|---|
| Input Power | 12 VDC @ 1A |
| Battery Backup | 4400mAh (2x 2200mAh), Rechargeable, Li-Ion, Discharge Safety Cut-off. |

I/O

| | |
|------------------------|--------------------------|
| Bidirectional IO Ports | 6x Input / Output |
| Logic Level | 3.3 / 5.0 V (selectable) |

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

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XEMOTE 2000 INTELLINET GSM GATEWAY



| | |
|-----------------------|----------------------------------|
| Drive Current | 50mA (max) |
| Power output | 6x - 3.3 / 5.0 V (selectable) |
| Serial | RS232 Field Port |
| Mechanical | |
| Dimensions | 217mm x 108mm x 34mm |
| Weight | 0.740 kg |
| Material | E-Coated Sheet Metal |
| Mounting Options | Wall mount flanges or desktop |
| Environmental | |
| Operating Temperature | -20 °C to +60 °C |
| Storage Temperature | -20 °C to +45 °C (Incl. Battery) |
| Warranty Terms | |
| Period | 12 months |

ORDERING INFORMATION

| Part Number | Details | Configuration |
|-------------|-----------------------------------|--|
| XEMT4-10000 | Xemote 2000 GSM 2G Sensor Gateway | Supplied with 12VDC AC adapter and antennae. |

Product images are for illustrative purposes only and may differ from the actual product.

Specifications are subject to change without notice.

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