

WIRELESS ASSET MONITORING SENSOR WITH EXTERNAL ANTENNA



INFORMATION

Format	Coin Cell
Frequency	868 MHz

Xemote ultra low-power wireless asset sensors can be attached to an asset to determine if it has been removed from the premises. When the sensor is outside the range of the gateway it will immediately trigger an alert to designated persons. The sensor can also be connected to an asset using a thin wire. When the asset is moved the wire disconnects from the sensor and triggers an immediate alert. Perfect for monitoring the removal of batteries in remote locations or notifying when vehicles enter or leave the premises.

HIGHLIGHTS

- Up to 128 sensors connected to a single gateway
- Ultra-low power
- ISM band wireless
- Critical Data Recovery (CDR) feature, 21 days at 10 min posting intervals
- Non-intrusive installation

APPLICATIONS

- Manage and monitor assets
- Know when things have been removed from premises

SENSOR SPECIFICATIONS

Coin Cell

Battery Type	CR2450
Classification	Lithium Coin
Typical Capacity	620mAh
Dimensions	24.5mm x 5.0mm
Max Operating Temperature	-20 °C to +60 °C
Optimal Battery Operating Temperature	+10 °C to +50 °C
Supply Voltage	2.0 - 3.6 V
Battery Life	At 10-minute heartbeat setting, coin cell battery will typically last ~ 5 years (battery life is determined by sensor reporting frequency and other variables)

Wireless

Frequency	868 MHz Operating Frequency
Range	Up to 200 m non-line-of-sight device range (actual range may vary depending on environment). Longer ranges available with GSM Gateway 868Mhz outdoor Omni antenna 6dB gain. (Typically, 300 m plus)
Security	Encrypted
Certifications	ETSI EN 300 220-2 V2.4.1 (2012-05)
Antenna	Right angle or Straight angle on request

Mechanical

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

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Dimensions	50mm x 50mm x 20mm 65mm x 50mm x 20mm – Including flanges
Weight	0.035 kg
Material	ABS Plastic
Mounting Options	Wall mount flanges, button magnet, Velcro strips, double sided tape
IP Rating	IP54 (protection against the access of dust and splashing water)
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
XEMT4-20081	Wireless coin cell Asset sensor	Supplied with 1x CR2450 coin cell battery right-angle antenna Straight angle antenna on request

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Specifications are subject to change without notice.*