

# WIRELESS OPEN/CLOSED SENSOR WITH INTERNAL ANTENNA AND EXTERNAL MAGNETIC REED SWITCH SENSOR



## INFORMATION

Format	Coin Cell
Frequency	868 MHz

Xemote ultra low-power wireless open/closed sensors provide information on the status of doors, windows, cabinets, etc. Know if a building or area is being accessed when it should not be, or if a door or window has been left open. Alerts can be setup to notify a user by SMS text, email or voice call if a door or window has been opened or left open.

## 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

- Commercial property door and window access
- Residential property door and window access
- Restricted area monitoring
- IT server rooms and closets
- Freezer and cooler doors
- Shipping cargo bay door monitoring
- Security door monitoring

## SENSOR SPECIFICATIONS

### Magnetic Reed Switch

Housing	Aluminium Material
Colour	Grey
Gap	20mm – 25mm
Leads	Cored Cable 350mm in length is standard, longer leads available

### 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 ~ 4 years (battery life is determined by sensor reporting frequency and other variables)

### Wireless

Frequency	868 MHz Operating Frequency
-----------	-----------------------------

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

Visit our website at [www.xemote.co.za](http://www.xemote.co.za) | [sales@xemote.co.za](mailto:sales@xemote.co.za)

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

Rev 1.0.3

# WIRELESS OPEN/CLOSED SENSOR WITH INTERNAL ANTENNA AND EXTERNAL MAGNETIC REED SWITCH SENSOR



Range	Up to 150 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	Internal
<b>I/O</b>	
Bidirectional IO Ports	2x Internal Input/output
Logic Level	3.3V
Drive Current	20mA Max
<b>Mechanical</b>	
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)
<b>Environmental</b>	
Operating Temperature	-20 °C to +60 °C
Storage Temperature	-20 °C to +45 °C (Incl. Battery)
<b>Warranty Terms</b>	
Period	12 months

## ORDERING INFORMATION

Part Number	Details	Configuration
XEMT4-20060	Wireless coin cell Open/Closed sensor	Supplied with 1x CR2450 coin cell battery and 0,35 m length cable. Longer cable lengths available on request.

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

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

Visit our website at [www.xemote.co.za](http://www.xemote.co.za) | [sales@xemote.co.za](mailto:sales@xemote.co.za)

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

Rev 1.0.3