

# WIRELESS SMOKE DETECTION & ALARM SENSOR WITH EXTERNAL ANTENNA AND EXTERNAL SMOKE SENSOR



## INFORMATION

Format	Coin Cell
Frequency	868 MHz

Xemote ultra low-power wireless dry contact sensors connect to the new and exciting range of Fast-Fix optical smoke alarms comes with a unique X-Profile photoelectric chamber, controlled by bespoke software and featuring TSE-Technology (Thermal Stability Enhancement), specifically designed to reduce nuisance alarms while maximising the detection of smoke and fire. User customisation allows you to set the frequency of readings and the ability to set alerts via SMS text and/or email.

## 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
- Wireless sensor can distinguish between a smoke sensor test button and a “real “smoke detection.

## APPLICATIONS

- Data centres
- Server rooms
- Office buildings

## SENSOR SPECIFICATIONS

<b>Smoke Alarm</b>	Unique X-Profile detection chamber controlled by bespoke software. TSE-Technology (Thermal Stability Enhancement) provides stability across a range of environmental conditions, reducing nuisance alarms whilst enhancing detection.
Features	Alarm Silence Button. Ideal in non-emergency situations (nuisance alarms). Silence Low Battery Warning chirp for up to 10 hours. Test Button. Extra-large for ease of use.
Standards	EN 14604:2005CE, LPCB
Type	FH250RB (Rechargeable Lithium cell back-up)
<b>Coin Cell</b>	
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	+10 °C to +50 °C

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

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Temperature	
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)
<b>Wireless</b>	
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
<b>I/O</b>	
Bidirectional IO Ports	Inputs used for a single smoke detection sensor
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
XEMT4-20151	Wireless coin cell with smoke detection sensor	Supplied with 1x CR2450 coin cell battery, right-angle antenna and 0,5m length cable Straight angle antenna on request

*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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