

SentryRADTx provides a reliable, low cost solution for a wide range of wireless monitoring and alarm applications.

With a variety of sensors and mounting options (including the innovative inductive **MAG**) the ATEX approved SentryRAD range may be used to collect and wirelessly send data to our SentryPSTN, SentryGSM2-R, SentryGSM3D and RS485/232 systems.



Already successfully integrated into client applications, the SentryRADTx, Mx and MAG offer a cost-effective solution for:

- Fuel distributors
- Fuel storage
- Meter reading
- Data logging
- Instrumentation, sensor and meter companies etc.

Through our in-house application engineering and web hosting services, we can develop custom telemetry and data management solutions.



Features

- Tough flexible whip antenna
- Inductive magnet antenna for manhole covers in underground installations.
- ATEX approved
- Programmable sample frequencies.
- Waterproof

Sensors (typical)

- LPG tank
- Ultrasonic (oil, water etc.)
- Pulse counter / tamper
- 4 to 20 mA
- VISY magneto restrictive

Specifications

- Radio: 434, 868, 916 MHz frequencies
- I.S. battery pack for hazardous area applications.
- IP68 enclosure.

Certification

- EN:50014:1997
- EN50020:2002
- R&TTE Directive 1999/5/EC
- Low Voltage Directive EN60950
- CE approved 
- WEEE compliant 

User Defined Parameters

- Sample rate
- Transmission rate
- Count offset (Mx)
- I.D.

FAQ

- *What is the maximum range?* – Unobstructed line of sight is up to 1000 meters. In practice this will be reduced by walls and trees etc.
- *How long does the battery last?* – That depends on the transmit rate, but 5 years is quite usual.
- *What is the MAG?* – The MAG is a clever inductive antenna. It uses a property of radio to turn a manhole cover into a part of the transmitter, allowing underground use.
- *Is it easy to use and configure?* – Yes, while usually shipped pre-configured and ready to go, changes are easily made in the field.