



EN1501-XL - Pulse counting transmitter with extended life battery

The EN1501-XL pulse counting transmitter provides the means for tracking pulse meter usage information. The meter generated pulses or switch closures are counted by the transmitter and the data is transmitted periodically to the remote data logger. The EN1501-XL features a 20 year battery life which reduces maintenance and lowers operating costs.

Why Inovonics Wireless is Best

The Inovonics Commercial Mesh Network has been specifically developed for commercial applications to provide the most cost effective solution for a wide range of applications, while setting new standards for performance and reliability in a wireless sensor network.

Reliability

Inovonics EchoStream 900MHz radio utilizes a unique frequency hopping, spread spectrum technology to meet the demands of an increasingly cluttered wireless world.

Flexibility

The flexibility of wireless is a necessity in today's dynamic commercial environments. The self-configuring EchoStream Commercial Mesh Network allows you to adapt to changing floor plans and requirements in a matter of minutes. New sensors can be added to the network as fast as they can be mounted.

Scalability

The EchoStream Commercial Mesh Network's backbone of intelligent repeaters can extend coverage to thousands of sensors across entire commercial campuses.

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The EN1501-XL features an outstanding 20+ years of calculated battery life.

Features

- Long life battery (calculated at over 20 years, warranted for 10 years), which reduces meter maintenance and lowers operating costs
- Case tamper protection
- TapWatch submetering system compatible
- Compatible with virtually any meter with a pulse output

Transmission Frequency

- Approximately once an hour
- Installation rapid transmit mode provides once/minute transmissions for fast site verification

Standards Compliance

- No end user FCC license required

Operating Environment

- 32° to 140°F, up to 90% relative humidity, non-condensing

Battery

- Panasonic BR-AG lithium battery
- Low battery detection provides approximately two week advance notice before battery fails

Input

- Pulse signal from utility meter (consult Inovonics for list of compatible meters)

Dimensions

- 3.5" x 1.7" x 0.9"

Weight

- 1.9 oz

Frequency Options

- 902-928 MHz for North America