inovonics®

Datasheet

# EN1501 Pulse Meter Transmitter



The EN1501 pulse meter transmitter is a pulse counter which can be used for water, gas and electric submetering or any general counting applications.

## Product Features

- Compatible with virtually any pulse output device
- TapWatch submetering system compatible
- Includes case tamper protection

## Product Specifications

| | |
|---|---|
| Dimensions: | 3.5" x 1.7" x 0.9" (8.9 x 4.3 x 2.3 cm) |
| Weight: | 1.9 oz. (54 g) |
| Typical battery life: | 10 year battery life in a climate controlled environment with the specified Panasonic CR123A battery |
| Internal battery type: | Panasonic CR123A |
| Accessories: | ACC501 transmitter mounting plate |
| Compatibility requirements: | |
| | A dry contact such as a reed switch |
| | The pulse width of a switch output when activated must be greater than or equal to 10ms |
| | The fastest pulse rate must be one pulse every four seconds |
| | Closed impedance of the pulser mechanism must be smaller than 1k ohm |
| | Open impedance of the pulser mechanism must be greater than 5Mega ohm |
| Operating environment: | |
| Temperature: | 32° to 140°F (0 to 60°C ) |
| Humidity: | Up to 90% (non-condensing) |
| Market: | North America, Australia, New Zealand |
| EchoStream® frequency: | 902-928 MHz, frequency hopping spread spectrum |
| Check-in time frequency: | 60 minutes |
| Regulatory compliance: | FCC, RoHS, RCM |

## Reference Materials (available at www.inovonics.com)

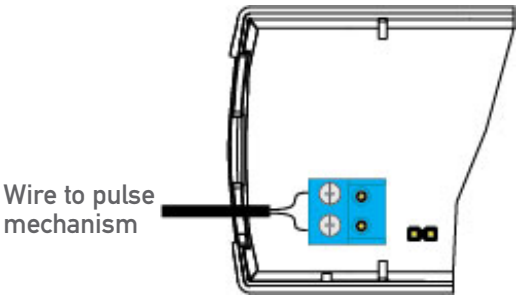
EN1501 Pulse Meter Transmitter and EN1501-XL Pulse Meter Transmitter with Extended Life Installation Instructions

EchoStream Developer Guide

Inovonics Product Catalog: North America

- The range and performance of any wireless product depends on the structure and environment in which it operates.
- Continual enhancements to our products may cause specifications to change without notice.
- Patents: 7,154,866; 7,554,932; 7,746,804; others pending.
- Inovonics supports recycling and reuse whenever possible. Please recycle these parts using a certified electronics recycler.

## Inputs




## Technical documents

For technical documents visit us at http://www.inovonics.com/support/tech-documents/ or use the QR code below.

## Mounting plate



The transmitter mounting plate hinges to the transmitter. Just mount the plate and snap the transmitter in place.

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