



Part Number: AD-2005-PUL



## AVIDSmartSensor™ Wireless 900 Pulse Counter

This sensor is a battery operated digital counter with a microprocessor controlled 900 MHz. FCC certified radio transmitter. An internal reed switch permits a user to activate the sensor with a magnet. There is an on/off switch that allows you to turn the sensor off when not in use.

### Features

- **24-bit Digital Counter with 30-bit unique ID**
- **Counts up to 60,000 pulses per minute**
- **Integrated 100mw, 900 MHz SSFH radio for long range performance**
- **Optional 2.4 GHz radio**
- **Range Indoor: Up to 1300 feet**
- **Range Outdoor: Up to 1 mile with standard antenna**
- **Battery lasts up to 5 years at 5 minute transmit intervals**
- **Very small (3.25" X 2.5" X 1.125") ABS Enclosure**
- **Complies with part 15 of the FCC rules**
- **CRC-16 error checked Status, Counts, ID and Temperature**
- **External ¼ wave antenna**

Parameter	Units
Shelf life with battery installed 10 Years in quiescent mode	Shelf life with battery installed 10 Years in quiescent mode
Dimensions (enclosure) 3.25 W X 2.5 H X 1.125 D (inches)	Dimensions (enclosure) 3.25 W X 2.5 H X 1.125 D (inches)
Weight 4.7 oz.	Weight 4.7 oz.
Operating -40° to 85° C	Operating -40° to 85° C
Input 2.8 to 5.5 vdc pulses (Up to 60,000 ppm)	Input 2.8 to 5.5 vdc pulses (Up to 60,000 ppm)
Battery life with transmissions 5 years with TX period of 5 minutes	Battery life with transmissions 5 years with TX period of 5 minutes
Battery (2) 3.6 volt Lithium	Battery (2) 3.6 volt Lithium

### Contact

**AVIDwireless**

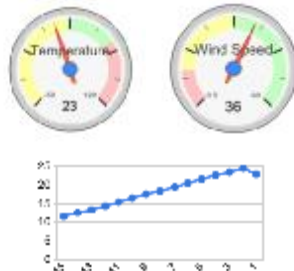
**817-510-5301**

[sales1@avidwireless.com](mailto:sales1@avidwireless.com)

[www.avidwireless.com](http://www.avidwireless.com)

### AVIDdashboard Integration

Sensor readings are quickly viewed from the dashboard main page by adding a graphical widget to display the level. User defined Alerts can signal support resources to handle any out of control conditions.



This sensor is great for use with wind assessment applications. No wiring necessary.

