



Part Number: AD-2005-THERM



AIDSmartSensor™ Wireless 900 Thermistor

This sensor is a battery operated 10K ohm thermistor interface 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

- 10K ohm thermistor transmitter (100Kohm option)
- Transmits thermistor data with unique ID
- Integrated 100mw, 900 MHz SSFH radio for long range performance
- Range Indoor: Up to 1300 feet
- Range Outdoor: Up to 1 mile with standard antenna
- Battery lasts up to 2 years with 5 minute transmit rate
- Very small (3.25" X 3.25" X 1.375") ABS Enclosure
- Complies with part 15 of the FCC rules
- CRC-16 error checked Status, ID and thermistor data
- External ¼ wave antenna

Parameter	Units
Shelf life with battery installed	10 Years in quiescent mode
Transmission rate	Preprogrammed at factory (5 minutes default)
Transmission rate	Preprogrammed at factory (5 minutes default)
Shelf life with battery installed	10 Years in quiescent mode
Dimensions (enclosure)	3.25 W X 3.25 H X 1.375 D (inches)
Weight	4.7 oz.
Storage Temperature	-40° to 85° C
Humidity	0% to 90% non-condensing
Input	10Kohm thermistor
Battery life with transmissions	Up to 2 years
Battery	(2) 3.6 volt Lithium Thionyl Chloride
Transmission rate	Preprogrammed at factory (5 minutes default)

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.

Temperature is above normal please check load



Contact

AIDwireless

817-510-5301

sales1@avidwireless.com

www.avidwireless.com

