



Part Number: AD-2004-TH



AVIDSmartSensor™ Temperature/ Humidity Sensor

The Temperature/ Humidity wireless transmitter is a battery operated digital temperature and relative humidity sensor with a microprocessor controlled 418 MHz. FCC certified radio transmitter. The Sensor has an on board time of day clock that allows it to spend most of the time in a low power quiescent state. This architecture allows the Sensor to consume very low energy resulting in a battery life of up to 5 years.

Features

- § Measures Temperature and Relative Humidity
- § Up to 600-foot transmission range
- § Transmission rates from 10 to 17 seconds random
- § Battery life up to 5 years
- § Very small (1.3" X 2.1" X .6") ABS Enclosure
- § Broad operating temperature range
- § Complies with part 15 of the FCC rules
- § Water resistant coating on PCB
- § Internal Loop antenna

Parameter	Units
Transmission Rate	10-17 seconds random
Shelf Life with Battery Installed	5 Years in Quiescent Mode
Dimensions (enclosure)	1.5 W X 2.1 H X .6 D (inches)
Weight	1.5 oz.
Storage Temperature	-40° to 70° C
Operating Temperature	-40° to 70° C
Battery Life with Transmission	2-5 Years
Battery	3.6 volt Lithium

AVIDdashboard Integration

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

Humidity is affecting the rising process please check

ALERT

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