

AD-2004-TEMP



AVIDSmartSensors™ Temperature

Features

- Digital temperature measurement
- 64-Bit Unique ID
- Up to 600 foot transmission range
- Transmission intervals from 10 to 17 seconds random
- Battery life up to 5 years
- Very small (1.3" X 2.1" X .6") ABS Enclosure
- Complies with part 15 of the FCC rules
- Water resistant coating for wet environments
- Internal Loop antenna
- Temperature Range -40° to 85°C

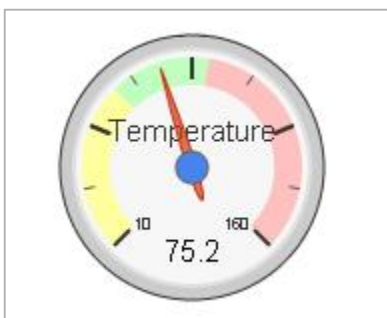


Monitor temperature anywhere

AVIDSmartSensors Temperature sensor is a battery operated digital temperature sensor with a microprocessor controlled 418 MHz. FCC certified radio transmitter. The AVIDSmartSensors Temperature sensor has an on board time of day clock that allows it to spend most of the time in a low power quiescent state. At predetermined time intervals the clock will wake up the onboard microprocessor. Unique serial number information and digital temperature data are read from a Dallas Semiconductor DS18B20 digital temperature sensor. This information is combined with a CRC-16 error check and transmitted in a very short data packet that results in a transmitter on time of only 15 milliseconds. This architecture allows a battery life of up to 5 years.

AVIDdashboard Integration

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



Contact
AVIDwireless
817-510-5301

sales1@avidwireless.com

www.avidwireless.com