

TempTrak® Wireless Monitoring 900 MHz Hardware

TempTrak 900 MHz transmitters pass information wirelessly to the TempTrak application which collects and records data 24/7.



The transmitters operate on a 900 MHz frequency-hopping spread spectrum with an open-field range of up to 2,500 ft and a typical interior range of up to 500 ft. Each transmitter is battery operated and monitors against preset conditions that are user-defined within the TempTrak application. Information recorded to the database (°F/C) is time stamped and cannot be altered through the user interface. Transmitters calibrated to NIST standards are available.

Features

- Bandwidth Range: 902-928 MHz (US), 868-870 MHz (Europe)
- Storage on Intelli-base Buffer during power outages if Buffer and Receiver are on UPS
- ABS plastic enclosure
- Wall-mounting: double sided, high strength tape or screw-mount
- Power: 2/3A Lithium battery, 3V
- Battery Life: 2.5-3 years
- 1-year warranty

Benefits

- Longer range than Wi-Fi, does not compete with other networks for bandwidth
- Data is buffered and recoverable if network or power fails
- Durable casing protects inner circuitry
- Can be easily transferred to a new location



#10050-US



#10000-US



#10000-PDT



#10071



#10072



#10080-DT



#10086



#10100

#10050-US Repeater

#10000-US Receiver

#10000-PDT Intelli-base Buffer

#10071 Internal Temperature/Humidity Transmitter

#10072 External Temperature/Humidity Transmitter*

#10080-DT Dual Internal & External Temperature Transmitter

#10086 Analog Transmitter

#10100 Contact Transmitter

*The Temperature/Humidity Sensor is external to the transmitter



Specifications

#10000 Receiver and Intelli-base Buffer

- Attached to network via LAN network port or serially direct to a single-station PC.
- Buffers 200 temperature points at 15 minute intervals for 30 days
- Can accommodate an unlimited number of transmitters
- Certifications: RoHS Compliant

#10050 US Repeater

- Extends the range of the transmitters without installing base station or LAN network
- Transmits up to 4 miles (open field range)
- Onboard battery back-up with 24 hours of life
- Certifications: RoHS Compliant

#10071 Internal Temperature/Humidity Transmitter*

- Temperature Range: -4° to 140°F (-20° to 60°C)
- Temperature Accuracy: $\pm 0.5^{\circ}\text{F}$ ($\pm 0.3^{\circ}\text{C}$) at 77°F (25°C)
- Relative Humidity Range: 0 to 90%
- Relative Humidity Accuracy: $\pm 2\%$ (10 to 90%RH)
- Certifications: RoHS Compliant

#10072 External Temperature/Humidity Transmitter*

- Temperature Range: -4° to 140°F (-20° to 60°C)
- Temperature Accuracy: $\pm 0.5^{\circ}\text{F}$ ($\pm 0.3^{\circ}\text{C}$) at 77°F (25°C)
- Relative Humidity Range: 0 to 100%
- Relative Humidity Accuracy: $\pm 2\%$ (10 to 90%RH)
- Certifications: CE, RoHS Compliant

* NIST traceable calibration available

#10080-DT Dual Internal & External Temperature Transmitter*

- Supports one internal and one external probe
- Internal Temperature Range: -4° to 140°F (-20° to 60°C)
- External Temperature Range: -328° to 572°F (-200° to 300°C)
- Accuracy: $\pm 0.8^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$) internal/ $\pm 1^{\circ}\text{F}$ ($\pm 0.5^{\circ}\text{C}$) external
- Certifications: CE, RoHS Compliant

#10086 Analog Transmitter

- Supports two external instruments via terminal blocks
- Works in conjunction with a digital output device
- Current: 0-5 volts, 0-10 volts and 4-20 milliamp
- Certifications: CE, RoHS Compliant

#10100 Contact Transmitter

- Reed switch activates with magnet
- Terminal block allows for remote signal