

900 MHz Hardware

OVERVIEW

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 pre-set 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. NIST-Traceable transmitters are available.

FEATURES	BENEFITS
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
SPECIFICATIONS	
<p>#10000 Receiver and Intelli-base Buffer</p> <ul style="list-style-type: none"> • Attached to network via LAN network port or serially direct to a single-station PC. • 16 days (400 hours) of data storage for 200 transmitters sampling every 15 minutes. • Can accommodate an unlimited number of transmitters • Certifications: RoHS Compliant <p>#10050 US Repeater</p> <ul style="list-style-type: none"> • 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 <p>#10071 Internal Temperature / Humidity Transmitter*</p> <ul style="list-style-type: none"> • Temperature Range: -4° to 140°F (-20° to 60°C) • Temperature Accuracy: ±0.5°F (±0.3°C) at 77°F (25°C) • Relative Humidity Range: 0 to 90% • Relative Humidity Accuracy: ±2% (10 to 90%RH) • Certifications: RoHS Compliant 	<p>#10080-DT Dual Internal & External Temperature Transmitter*</p> <ul style="list-style-type: none"> • Supports one internal and one external probe • Internal Temperature Range: -13° to 140°F (-20° to 60°C) • External Temperature Range: -328° to 572°F (-200° to 300°C) • Accuracy: ±0.8°F (±0.5°C) internal / ±1°F (±0.5°C) external • Certifications: CE, RoHS Compliant <p>#10086 Analog Transmitter</p> <ul style="list-style-type: none"> • 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 <p>#10100 Contact Transmitter</p> <ul style="list-style-type: none"> • Reed switch activates with magnet • Terminal block allows for remote signal activation • Certifications: RoHS Compliant <p><i>*NIST-Traceability Available</i></p>

**Repeater
#10050-US**



**Receiver
#10000-US**



**Internal Temperature/ Humidity Transmitter
#10071**



**Analog Transmitter
#10086**



**Intelli-base Buffer
#10000-PDT**



**Dual Internal & External Temperature Transmitter
#10080-DT**



**Contact Transmitter
#10100**

