

### OVERVIEW

EnviroTrak™ 900 MHz transmitters pass information wirelessly to the EnviroTrak 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 EnviroTrak 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	BENEFITS
<ul style="list-style-type: none"> <li>• Bandwidth Range: 902-928 MHz (US), 868-870 MHz (Europe)</li> <li>• Storage on Intelli-base Buffer during power outages if Buffer and Receiver are on UPS</li> <li>• ABS plastic enclosure</li> <li>• Wall-mounting: double sided, high strength tape or screw-mount</li> <li>• Power: 2/3A Lithium battery, 3V</li> <li>• Battery Life: 2.5-3 years</li> <li>• 1-year warranty</li> </ul>	<ul style="list-style-type: none"> <li>• Longer range than Wi-Fi, does not compete with other networks for bandwidth</li> <li>• Data is buffered and recoverable if network or power fails</li> <li>• Durable casing protects inner circuitry</li> <li>• Can be easily transferred to a new location</li> </ul>

### SPECIFICATIONS

#### #31520 Receiver and Buffer

- Attached to network via LAN network port or serially direct to a single-station PC.
- 30 days of data storage for 200 transmitters sampling every 15 minutes.
- Can accommodate an unlimited number of transmitters
- Certifications: RoHS Compliant

#### #31530 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

#### #31220 Internal Temperature/Humidity Transmitter\*

- 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

#### #31221 External Temperature/Humidity Transmitter\*

- 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 100%
- Relative Humidity Accuracy: ±2% (10 to 90%RH)
- Certifications: RoHS Compliant

#### #31200 Dual Internal & External Temperature Transmitter\*

- 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: RoHS Compliant

#### #31240 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: RoHS Compliant

#### #31230 Contact Transmitter

- Reed switch activates with magnet
- Terminal block allows for remote signal activation
- Certifications: RoHS Compliant

\* NIST traceable calibration available



Internal Temperature/Humidity Transmitter #31220



Analog Transmitter #31240



External Temperature/Humidity Transmitter\* #31221



\*The Temperature/Humidity Sensor is external to the transmitter

Contact Transmitter #31230



Dual Internal & External Temperature Transmitter #31200

