

WiNG-T

Facility Monitoring

WIRELESS TEMPERATURE SENSOR

01

APPLICATIONS: Fine tune your environment to:

- Monitor a facility for changes in a wide variety of environmental conditions
- Meet energy efficiency goals
- Maintain optimal equipment performance parameters
- Anticipate equipment failures and prevent downtime

02

KEY FEATURES:

- Transmission range between manager and sensors:
 - Up to 100' through multiple walls
 - Up to 270' through one wall
 - Up to 600' direct line of sight
 - Add up to 1,000' direct line of sight with a WiNG-RXT range extender
 - Transmission range between manager and sensor
- WiNG systems communicate via a proprietary wireless protocol. WiNG sensors are only compatible with RLE WiNG products.

03

WHAT SETS RLE'S WiNG-T APART?

- **This wireless temperature sensor features a compact,** unobtrusive sensor design with a variety of mounting options.
- **Industry-leading battery life.** Sensor batteries last up to 12 years, communicating under normal room temperature conditions.
- **Up to 600' indoor, direct line of sight transmission range.** WiNG's expansive range supports flexible system and sensor deployment needs.
- **Packet transmission accuracy that exceeds 98%** and a polling rate of 10-20 seconds means the readings you see are accurate and relevant.
- **Available in 900MHZ and 868MHz configurations** for domestic U.S. and international installations.

<https://parametersystems.com>

970-232-3946

Sales@rletech.com

V12.23

04 ROBUST, RESPONSIVE, COST EFFECTIVE WIRELESS MONITORING: AA complete system of sensors, gateway manager, and range extenders, RLE's budget friendly, feature rich WiNG products are the new standard for wireless monitoring.



05 WING-T: Compatible with RLE's WiNG products

Product Codes

WING-T	WiNG Temperature sensor; 900MHz wireless transmitter
WING-T-865	WiNG Temperature sensor, 865MHz wireless transmitter
WING-T-868	WiNG Temperature sensor; 868MHz wireless transmitter

WiNG Family



WING-T & WING-TH



06

Technical Specifications	
Power	3.6V AA lithium battery
Battery Life	Up to 5 years when system spans full operating temperature range. Up to 8 years at room temperatures up to 122°F (50°C) Up to 12 years at room temperature
Shelf Life	10 years in quiescent mode with battery installed
Transmission Interval Range	10-20 seconds (random) Up to 600ft line of sight
Frequency North America Europe India	900MHz 868MHz 865MHz
Temperature Accuracy Room Temperature	Typical +/- 0.2°C; Max +/- 0.4°C; Room temperature is specified as 32°F to 140°F (0 to 60°C) Typical +/- 0.6°C; Max +/- 1.0°C
Operating Environment Temperature Humidity Altitude	-13°F to 185°F (-25°C to 85°C) 0% to 90% RH (Non-condensing) -200ft to 15,000ft (-70m to 4572m) max.
Mounting	Free standing, magnets (included), 1U screw, mini din rail, zip ties
Dimensions and Weight	2.8"L x 1.1"W x 1.1"H (7.1cmL x 2.8cmW x 2.8cmH), 0.08lb (0.036kg)
Certifications	CE; FCC ID: X7J-A11072401; IC: 8975A-A11072401, Conforms to ETSI EN 300 220-1, ETSI EN 300 200-2, WPC ETA