

WIRELESS TRANSMITTER WITH A DIGITAL INPUT

01 APPLICATIONS: Allows you to convert a wired digital input to a wireless signal that can be implemented into a WiNG-MGR monitoring system.

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
 - Accepts one digital dry contact input, configurable as normally open or normally closed
 - Support 250 sensors on a single manager, up to 400 sensors with range extenders
- WiNG systems communicate via a proprietary wireless protocol. WiNG sensors are only compatible with RLE WiNG products.

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WHAT SETS THE WING-DI APART?

- **Converts a wired analog input to a wireless signal.**
- **The 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.

04 ROBUST, RESPONSIVE, COST EFFECTIVE WIRELESS MONITORING: A 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-DI: Compatible with RLE's WiNG products

Product Codes

WING-DI	WiNG Digital input; 900MHz wireless transmitter; accepts one wired digital NO/NC input
WING-DI-868	WiNG Digital input; 868MHz wireless transmitter; accepts one wired digital NO/NC input

WiNG Family



WING-DI



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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 Frequency Range	10-20 seconds (random) Available in 868MHz and 900MHz configurations Up to 600ft line of sight
Digital Input	One wired dry contact input configurable as NO or NC
Operating Environment Temperature Humidity Altitude	-13°F to 185°F (-25°C - 85°C) 0% to 90% RH (Non-condensing) -200ft to 15,000ft (-70m to 4572m) max.
Mounting	Free standing, zip ties, screw and keyhole - spaced 2.5" (6.4cm), junction box - 2 screws spaced 3.28" (8.3cm)
Dimensions and Weight	4.4"L x 2.5"W x 1.5"H (11.2cmL x 6.4cmW x 3.8cmH), 0.2lb (0.10kg)
Certifications and Standards	CE UL61010, CSA 22.2 #61010, IEC 61326-1, FCC 47CFR 15B, IC ICES-003, EN 61000-3-2, EN61000-3-3, ETSI EN 301 489-1, ETSI EN 301 489-3; FCC ID: X7J-A11072401; IC: 8975A-A11072401