



WiNG-ANLG

Wireless Transmitter
with an Analog Input

Monitor. Integrate. Alert. Peace of Mind.

Applications

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

Key Features

- Accepts one wired 4-20mA, 0-5V, or 0-10V analog input
- 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
- 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.



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.

What Sets RLE's WiNG-ANLG 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.



WiNG-ANLG • Compatible with RLE's WiNG products

Product Codes	
WiNG-ANLG	WiNG Analog input; 900MHz wireless transmitter; configurable as 0-20mA (default), 0-5VDC or 0-10VDC; accepts one wired 4-20mA, 0-5V, or 0-10V analog input
WiNG-ANLG-868	WiNG Analog input; 868MHz wireless transmitter; configurable as 0-20mA (default), 0-5VDC or 0-10VDC; accepts one wired 4-20mA, 0-5V, or 0-10V analog input



WiNG Family



WiNG-ANLG

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	10-20 seconds (random)
Frequency Range	Available in 868MHz and 900MHz configurations Up to 600ft line of sight
Analog Input	One input configurable as 4-20mA, 0-5V, or 0-10V (with 12-bit A/D conversion)
Operating Environment	Temperature: -13°F to 185°F (-25°C - 85°C) Humidity: 0% to 90% RH (Non-condensing) Altitude: -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

