

WiNG-LD

Facility Monitoring

WIRELESS LEAK DETECTION

01

APPLICATIONS: Can be coupled with an SD-Z or SD-Z1 spot detector or any of our leak detection sensing cables to detect and report leaks in any facility.

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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
- Support 250 sensors on a single manager, up to 400 sensors with range extenders
- Different kits fit your unique monitoring needs:
 - Use the WiNG-LD-LC to monitor for leaks with our patented leak detection sensing cable
 - Use the WiNG-LD-M to monitor for leaks with our chemical sensing cable
 - Use the WiNG-LD-SPOT to monitor for leaks with a SD-Z1 spot detector

03

WHAT SETS THE WiNG-LD APART?

- **Monitor for leaks** with one of the following configurations:
 - One SD-Z1 spot detector
 - One SD-Z spot detector and up to an additional 50 feet (15m) of leak detection sensing cable
 - Up to 100 feet (30.5m) of leak detection sensing cable
- **Proprietary** wireless design
- WiNG sensors are **compact and unobtrusive**
- Provide an industry leading battery life - **sensor batteries will last up to 12 years at room temperatures.**
- **Communicates readings** to the WiNG-MGR web interface every 10-20 seconds

04 WIRELESS LEAK DETECTION PAIRED WITH WING TECHNOLOGY: RLE has revolutionized the wireless sensor market with the launch of the WiNG wireless platform.



05 WING-LD: Compatible with all RLE SeaHawk sensing cables and SD-Z and SD-Z1 spot detectors

Product Codes

WiNG-LD-LC	WiNG Leak detector for use with sensing cable; 900MHz wireless transmitter; includes LC-Kit; requires SC, SC-R, SC-ZH or SD-Z
WiNG-LD-LC-868	WiNG Leak detector for use with sensing cable; 868MHz wireless transmitter; includes LC-Kit; requires SC, SC-R, SC-ZH or SD-Z
WiNG-LD-M	WiNG Leak detector for use with chemical sensing cable; 900MHz wireless transmitter; includes LC-Kit-M; requires SC-C
WiNG-LD-M-868	WiNG Leak detector for use with chemical sensing cable; 868MHz wireless transmitter; includes LC-Kit-M; requires SC-C
WiNG-LD-SPOT	WiNG Leak detector for use with spot detector; 900MHz wireless transmitter; includes SD-Z1
WiNG-LD-SPOT-868	WiNG Leak detector for use with spot detector; 868MHz wireless transmitter; includes SD-Z1

WiNG Family



WING-LD



<https://parametersystems.com>

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V03.21

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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
Leak Detection Input Compatibility Sensor Response Time Cable Break Detection Cable Sensitivity	Accepts up to 100ft (30.5m) of sensing cable, 50ft (15m) of sensing cable and one SD-Z spot detector, or 1 SD-Z1 spot detector. Compatible with all RLE sensing cables and the SD-Z and SD-Z1 spot detectors. < 20 seconds Yes Configurable
Operating Environment Temperature Humidity Altitude	-13°F to 185°F (-25°C - 85°C) 0% to 90% RH (Non-condensing) -200 ft to 15,000 ft (-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