



Falcon

Wi-LD Wireless Leak Detection Transmitter

Leak detection without all the expensive wiring? RLE makes it possible. The Wi-LD couples RLE's reputable leak detection cable or a spot detector with a battery-operated 418 MHz wireless transmitter.

Wireless leak detection provides many advantages over traditional hard-wired leak detection sensors. Users immediately benefit from reduced installation costs - electricians and conduit are not necessary for a wireless leak detection installation. The Wi-LD seamlessly integrates with RLE's wireless sensor network manager, the Wi-MGR. This integration allows users to quickly and efficiently add new wireless sensors and relocate existing sensors. The Wi-MGR's Sensor Discovery mechanism automatically detects and displays modifications to the wireless system.

An onboard clock helps conserve battery power, allowing the Wi-LD to function for up to two years without a battery change.

The Wi-LD transmitter can be paired with either an SD-Z or an SD-Z1 spot detector. Durable and reliable, this configuration allows users to wirelessly monitor small, confined areas — like drip pans — for leaks.

If you're monitoring a larger open space, couple the Wi-LD transmitter with leader cable (included) and up to 50 feet (15.24m) of RLE's patented leak detection sensing cable. This allows users to quickly and efficiently establish single-zone wireless leak detection.

A 15 foot (4.6m) leader cable and an end-of-line (EOL) connector are included with each Wi-LD wireless leak detection transmitter. Both Wi-LD configurations - utilizing sensing cable or a spot detector - require the use of RLE's wireless sensor network manager, the Wi-MGR, as a control device.

Features

- Wireless with compact ABS enclosure
- Couples with up to 50' of sensing cable or a spot detector
- Transmission range of up to 100 feet (30.5m)
- 3.6V lithium AA battery life up to two years
- Electronics feature a condensation-resistant coating
- Internal loop antenna
- FCC Certified Transmitter
- Pairs with conductive fluid sensing cable, chemical sensing cable, an SD-Z or an SD-Z1 for single zone leak detection

Benefits

- Easy installation and simple to relocate
- Accurate, efficient leak detection
- Reliable communication
- Durable for moist environments
- Compact design

Additional Equipment Required for Operation

- Wi-MGR
- Conductive fluid sensing cable, chemical sensing cable, an SD-Z or an SD-Z1
- Leader cable and end-of-line terminator (included - required only for SD-Z and sensing cable applications)

Wi-LD Specifications

Power	3.6V Battery Lithium AA; included
Lithium AA Battery Life	Up to 2 years
Included Accessories	Leader cable and end-of-line terminator (EOL)
Input	
Sensing Cable	Compatible with all SeaHawk sensing cables, as well as SD-Z and SD-Z1 spot detectors
Requires Sensor	Sensing cable, SD-Z, or SD-Z1
One Cable Input	Sensing cable and SD-Z require 15ft (4.57m) leader cable and EOL (included). SD-Z1 connects directly to transmitter.
Maximum Length	50ft (15.24m)
Transmission	
Interval	10-17 seconds (random)
Frequency	418 MHz
Range	Up to 100ft (30.5m)
Operating Temperature	
	32° F to 122° F (0° C to 50° C)
Storage Temperature	
	-4° F to 158° F (-20° C to ° C)
Dimensions	
Wireless Transmitter	2.375" W X 1.875" H X 1.0" D (60.3mm W x 47.6mm H x 25.4mm D)
Weight	
	5.0 oz. (141.7g)
Mounting	Wall mount or free-standing
Certification	FCC Part 15, Class B; FCC ID: M5ZWOWANA

