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

<table>
<thead>
<tr>
<th><strong>Power</strong></th>
<th>3.6V Battery Lithium AA; included</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Lithium AA Battery Life</strong></td>
<td>Up to 2 years</td>
</tr>
<tr>
<td><strong>Included Accessories</strong></td>
<td>Leader cable and end-of-line terminator (EOL)</td>
</tr>
</tbody>
</table>

### Input
- **Sensing Cable**
  - Requires Sensor
  - One Cable Input
  - Maximum Length
  - Compatible with all Seahawk sensing cables, as well as SD-Z and SD-Z1 spot detectors
  - Sensing cable, SD-Z, or SD-Z1
  - Sensing cable and SD-Z require 15ft (4.57m) leader cable and EOL (included). SD-Z1 connects directly to transmitter. 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: MSZWOWANA