

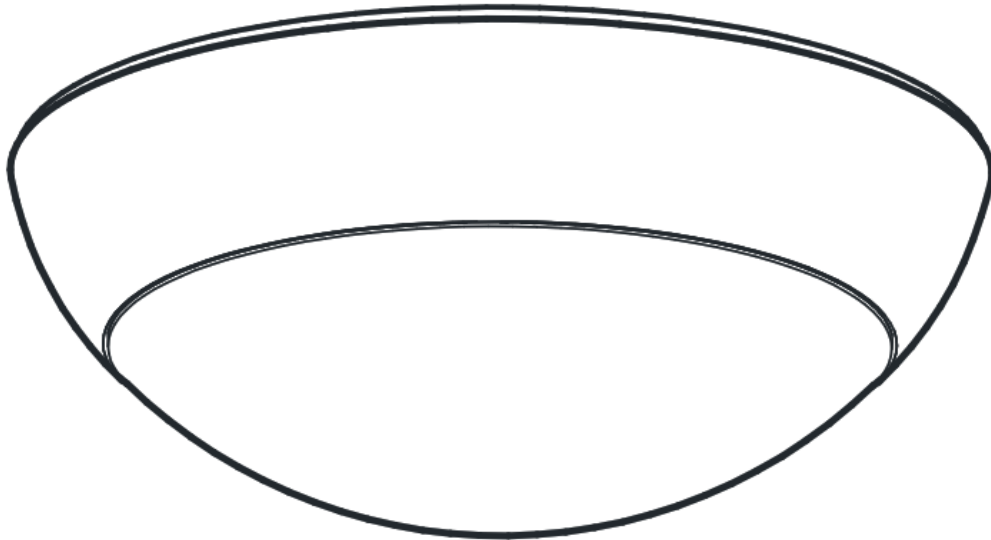
# DISRUPTIVE TECHNOLOGIES 102518 Wireless Sensor User Manual

[Home](#) » [DISRUPTIVE TECHNOLOGIES](#) » DISRUPTIVE TECHNOLOGIES 102518 Wireless Sensor User Manual 



**DISRUPTIVE**  
TECHNOLOGIES

TECHNOLOGIES 102518 Wireless Sensor  
User Manual



## Contents

- [1 102518 Wireless Sensor](#)
- [2 Wireless Sensor](#)
- [3 Sensor Installation](#)
- [4 Documents / Resources](#)
- [5 Related Posts](#)

## 102518 Wireless Sensor

### Please read this guide before attempting to operate the product

Failure to follow these instructions may result in an increased risk of personal injury or damage to property, including through fire, electrical shock, burns or suffocation.

Disruptive Technologies Research AS shall not be liable for damage caused where the product owner has failed to follow the instructions set out in this guide.

No changes shall be made to the equipment without the manufacturer's permission as this may void the user's authority to operate the equipment.

### Warnings

- Not waterproof, should only be used in a dry environment.
- Only use the provided 1.5V Lithium AA batteries.
- Do not crush, cut, disassemble or dispose of batteries in fire. It can result in an explosion or leakage of harmful and flammable substances.
- Do not expose batteries to temperatures above 70°C or extremely low air pressure due to risk of rupture or explosion.

### Wireless Motion Sensor (EU Version):

Frequency Band ISM 868 MHz

Transmit Power < 6 mW

**CE:** Hereby, Disruptive Technologies Research AS declares that the radio equipment type Wireless Motion Sensor PN 102517 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: [www.d21s.com/doc](http://www.d21s.com/doc)

**UK:** Hereby, Disruptive Technologies Research AS, declares that the radio equipment type Wireless Motion Sensor PN 102517 is in compliance with UK SI 2017, No 1206: Radio Equipment Regulations. The full text of the UK DoC can be found at the following web address: [www.d21s.com/doc](http://www.d21s.com/doc)

### Wireless Motion Sensor (US Version):

Frequency Band ISM 915 MHz

Transmit Power < 6 mW

**FCC:** This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

This device complies with the safety requirements for portable RF exposure in accordance with FCC rule part §2.1093 and KDB 447498 D01.

**ISED:** This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference
2. This device must accept any interference, including interference that may cause undesired operation of the device

This device complies with the safety requirements for RF exposure in accordance with RSS-102 Issue S for portable use conditions.

## Wireless Sensor



Keep sensors, containing batteries, out of reach of children. Seek medical assistance immediately in case of ingestion.

### Operating Conditions

Temperature: 0 to 50°C (32 to 120°F)

Humidity at 25°C: 0 to 90%RH (non condensing)

### Recommended Storage Conditions

Cool and dry, near normal room temperature

### Construction

Polycarbonate (PC)

### Radio Range

100 m (328 ft) indoor

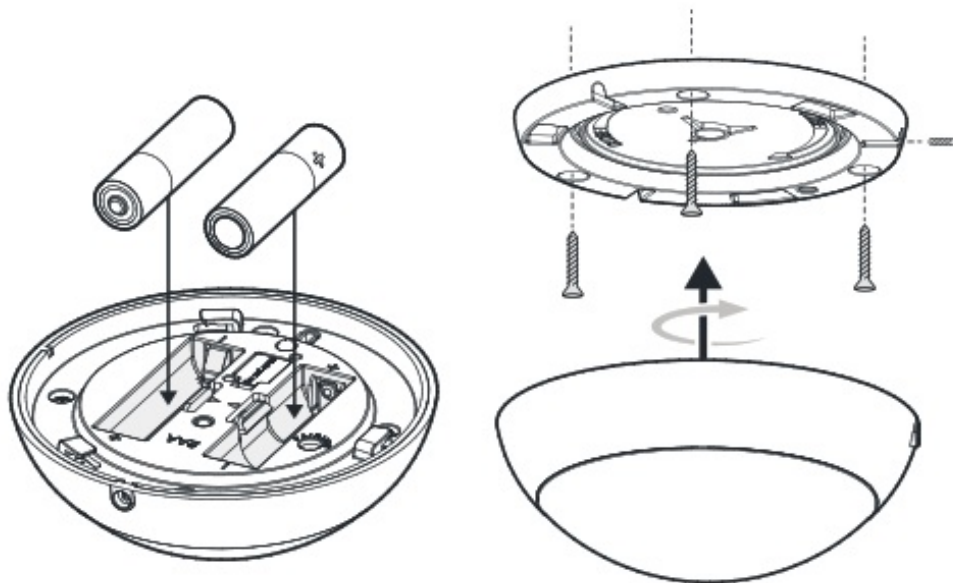
Up to 2 km (1.2 miles) free-space

### Sensor Installation

Designed to be mounted in the ceiling.

See the datasheet to understand how height affects the diameter of the detection zone.

1. Insert batteries in the sensor to activate it
2. Mount the bracket to the ceiling using screws
3. Lock the sensor in place by turning it clockwise and fasten the safety screw



To receive data from the sensor it needs to be within range of a Cloud Connector with an active internet connection.



**DISRUPTIVE**  
TECHNOLOGIES

For support and more information about our products, visit: [d2ls.com/support](https://d2ls.com/support)

Disruptive Technologies Research AS Strandveien 17, 1366 Lysaker, Norway

TM and © 2022 Disruptive Technologies Research AS. All rights reserved.

Country of origin: Israel

## Documents / Resources

