



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

Operating Conditions

Temperature: -40 to 85°C (40 to 185°F)

Humidity at 25°C: 0 to 100%RH

Construction

IP68 and UL50E Type 4X

⚠ Placing sensors directly on metal surfaces may reduce the wireless range. Use Sensor Range Extenders for optimal radio range.

⚠ If installed using a range extender make sure to align the sensor dot with the dot on the range extender.

Sensor Installation

Follow these steps when installing sensors:

1 Clean the surface before installing the sensor.



2 Peel the protective film from the back.



3 Attach the sensor to the surface and press gently to ensure a good adhesion.



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: d21s.com/support

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Designed in Norway,
Assembled in Germany.

Safety & Use Manual

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.

Sensor EU, Humidity Sensor EU, Tactile Touch Sensor EU & Industrial Sensor EU

Model: 102146, 102225, 101594 & 102208

Frequency Band ISM 868 MHz

Transmit Power < 1 mW

CE: Hereby, Disruptive Technologies Research AS declares that the radio equipment types listed above 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

UK: Hereby, Disruptive Technologies Research AS, declares that the radio equipments types listed above 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

Sensor US, Humidity Sensor US, Tactile Touch Sensor US & Industrial Sensor US

Model: 102250, 102258, 101643 & 102255

Frequency Band ISM 915 MHz

Transmit Power < 1 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 52.1093 and KDB 447498 D01.

Symbols



Conformité Européenne
(Valid for EU sensors)



UK Conformity Assessed
(Valid for EU sensors)



Federal Communications Commission
(Valid for US sensors)



UL Certified
(Valid for US sensors)



Waste of Electrical and Electronic Equipment

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

Cet appareil contient des émetteurs / récepteurs exemptés de licence conformes aux RSS (RSS) d'Innovation, Sciences et Développement économique Canada. Le fonctionnement est soumis aux deux conditions suivantes:

(1) Cet appareil ne doit pas causer d'interférences
(2) Cet appareil doit accepter toutes les interférences, y compris celles susceptibles de provoquer un fonctionnement indésirable de l'appareil

This device complies with the safety requirements for RF exposure in accordance with RSS-102 Issue 5 for portable use conditions.

Le présent appareil est conforme aux limites d'exposition aux RF conformément au norme CNR-102 émission 5 pour conditions d'utilisation portable.