

Safety & Use



Disruptive Technologies
Research AS

Strandveien 17, 1366 Lysaker
Oslo, Norway

For more information about our
products visit: d21s.com

For support and further
installation guidance visit:
d21s.com/support

Sensor



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

Radio range

25m indoor, up to 300m free-space

Capabilities

- ✓ Waterproof (IP68)
- ✓ Can be used outdoors and in direct sunlight

Sensor Installation

Follow these steps when installing sensors:

- 1 Make sure the surface is clean
 - 2 Peel the protective film from the back
 - 3 Stick the sensor to the surface
- i Use the QR code or the Touch to Identify feature to quickly identify sensors.
 - ! 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.

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.

Cloud Connector

Operating Conditions

Temperature: 0 to 45°C (32 to 113°F)
Humidity: 10 to 90%RH, non-condensing

Power Supply

IEEE 802.3at Type 1 PoE (36 – 57V)

Power Consumption

Average < 5 W (3 W typical)
Peak < 19 W (< 5 ms)

Construction

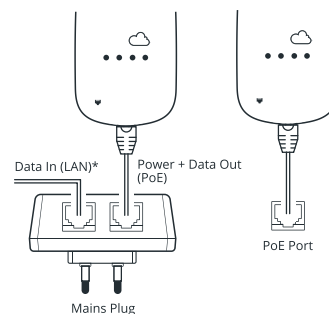
IP20

Warnings

- ! Do not use outdoors
- ! Do not plug in damaged device
- ! Do not remove the seal or open device

Power over Ethernet (PoE)

Cloud Connectors are powered by PoE, which means it can receive power and data through a single ethernet cable.



*Using the data port is optional when using a Cellular enabled Cloud Connector.

Wall Mounting

For a secure installation of your Cloud Connector, use screws to attach the mounting bracket.

