

TruSense Sigfox

The TruSense Sigfox logger is the transmitting part of a 2 part alliance. You must have both the TruSense logger and a TruSense Input Module for a complete node solution. These loggers are designed mainly to interface with our dashboard. The alliance of Input Module, Logger and Dashboard brings out the best in each.



Key Features

- **Sigfox network.** Good solid network covering about 93% of New Zealand and 72% of Australian population. (1st December 2017)
- **TruSense Input Modules.** Not just fixed to one set of sensors.
- **Display.** To allow the user to check the correct operation of the unit in the field
- **SD card.** For backup of the data in case of problems with the network. Installing updates
- **External Antenna.** Allows higher gain antenna for difficult locations
- **Weather proof case** for outdoor or indoor use.
- **Battery powered.** For low power sensors and few transmissions per day.
- **Solar power available.** For sensors that are power hungry or frequent Transmissions.
- **Flight Mode.** Automatically set to flight mode when Input Module disconnected for easy shipping.
- **Time Sync.** Internal time is automatically synced with Dashboard in the local time zone.
- **Connected to server Test.** Using the switch you can request a confirmation you are connecting to the Dashboard. Returns the signal strength.

Specifications

Size

Dimensions	145x66x40mm
Weight	250 grams
Colour	Light Gray
Material	Polycarbonate

Environment

Protection	IP65, NEMA 1, 2, 4, 4X, 12, 13
Operating Temp.	-10°C to 70°C
Storage temp.	-20°C to 75°C

Power

non-rechargeable	2 x AA 1.5V lithium
Rechargeable	1 x 18500 LiFePO4
Life	1month to 10 years

Sensors

Reporting interval	Requires TruSense input module 15 to 1665 minutes
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Communications

Wireless	Sigfox
Range	2 to 29km