TruSense Simplex

(Satellite)

The TruSense Simplex 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. We supply a display that you can use to verify that your sensors are working correctly. As Globalstar Simplex network is a receive system only the data from the logger can not be verified that it has been received by the satellite we can not guaranty the data. In New Zealand and Australia test indicate a 99.5% transmission success rate.

Key Features

- **Globalstar Simplex network**. This network is available throughout New Zealand and Australia via the Globalstar satellites. It is a simplex system so the loggers only transmit the data and cannot guaranty the data has been received.
- **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. this does not have a valid timestamp so some work may be required to work out when the data was recorded.
- **Weather proof case** for outdoor or indoor use.
- **Rechargeable Battery powered**. Mains or Solar charging.
- **Flight Mode**. Automatically set to flight mode when Input Module disconnected for easy shipping.

Specifications

Size
Dimensions
Logger	145x66x40mm
Simplex transmitter	145x66x40mm
Colour	Light Gray
Material	Polycarbonate

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

Power
Rechargeable	1 x 18650 Li-ion 3.6V
Life	1month to 10 years

Sensors
	Requires TruSense input module
Reporting interval	30 to 1665 minutes

Communications
Wireless	Satellite Globalstar Simplex Network