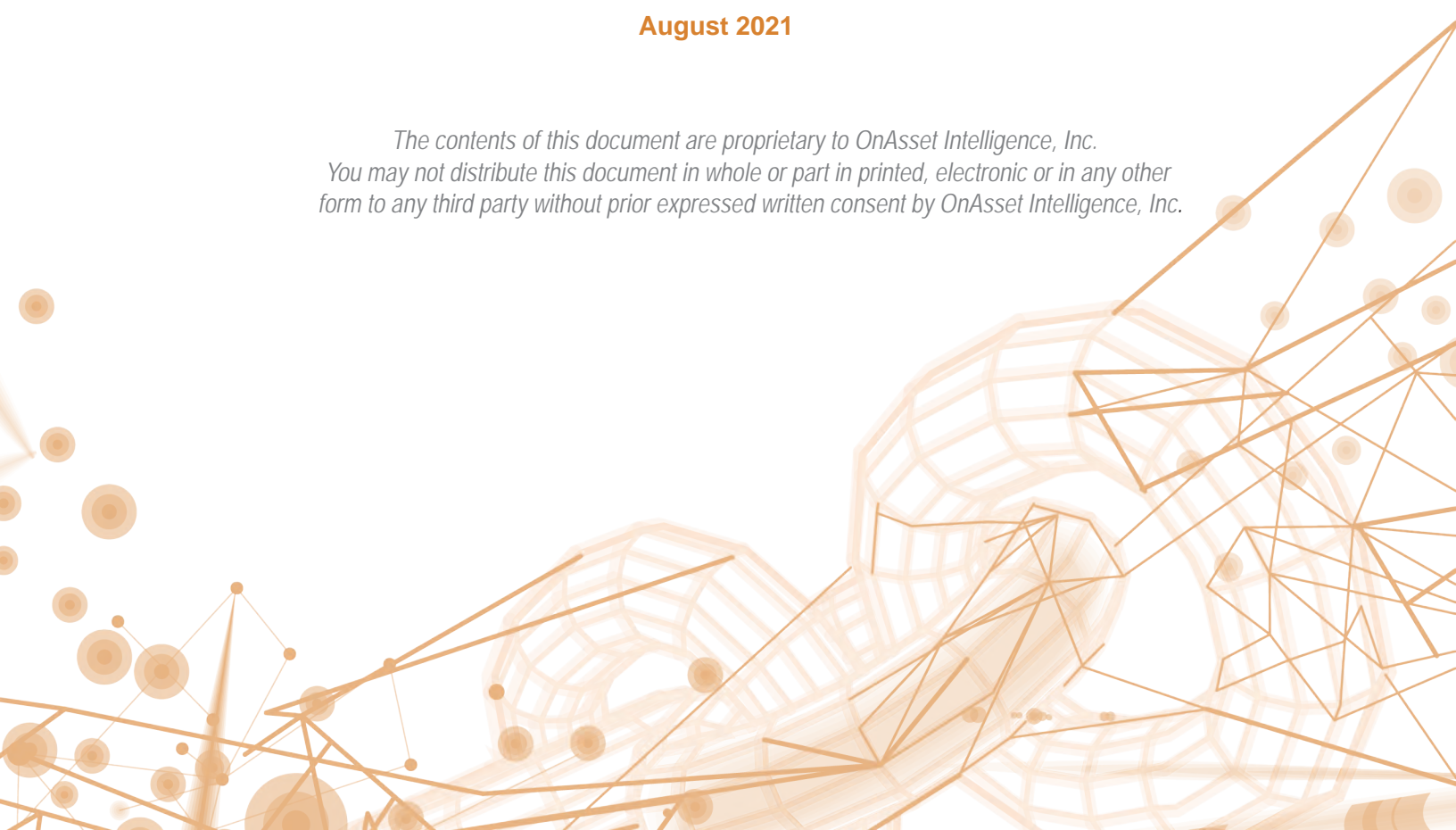




User Guide

August 2021

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SENTRY FlightSafe® OVERVIEW



The SENTRY FlightSafe® is a reusable shipment tracking and monitoring device, allowing users to easily track location and sensor status.

Sustainable: rugged, rechargeable, and reusable to provide continuous returns on your investment

Flexible: customisable reporting intervals and alerts, easily branded with your logo and colours

Powerful: the latest in LTE radio, sensor, and battery technology

Intelligent Edge: screen and button array allows direct setup and data viewing on the device without having to login to software.

Interoperable: immediately integrates with existing systems and hardware and designed for future interoperability

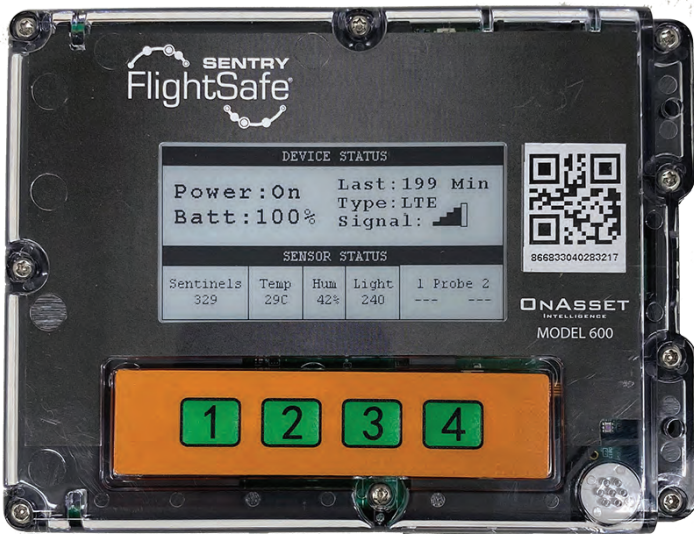
Compliant: FAA and EASA aviation regulations compliant, with 21 CFR Part 11 and GxP-compliant temperature monitoring

Secure: leverages the latest in hardware and software encryption for best-in-class security

Scalable: designed from the ground up to enable massive scalability and support a future where every shipment is enabled with sensor technology

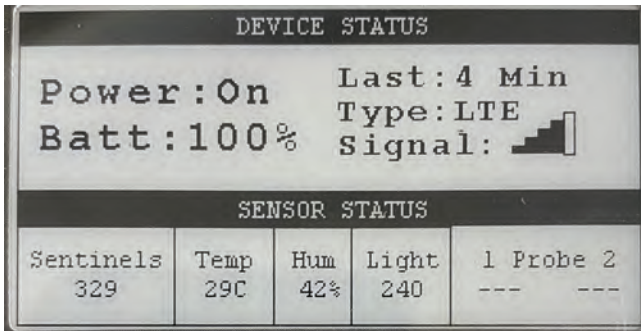
Customizable: leverage OnAsset's extensive experience to integrate the SENTRY FlightSafe® into your packaging and assets to create the connected supply chain. OnAsset Sentinel tags are intended to enable a variety of asset tracking and monitoring applications using low-cost Bluetooth Low Energy (BLE) multi-sensor devices.

SENTRY FlightSafe® Operation Screen

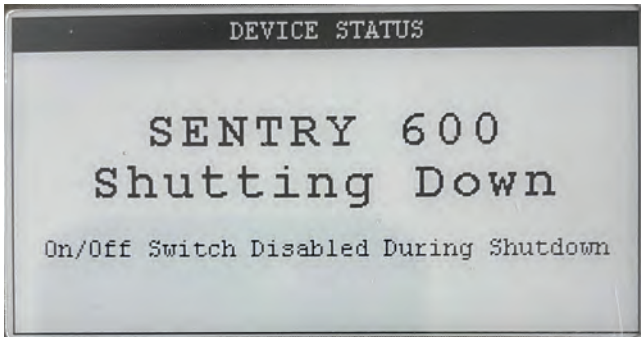


Screen Data

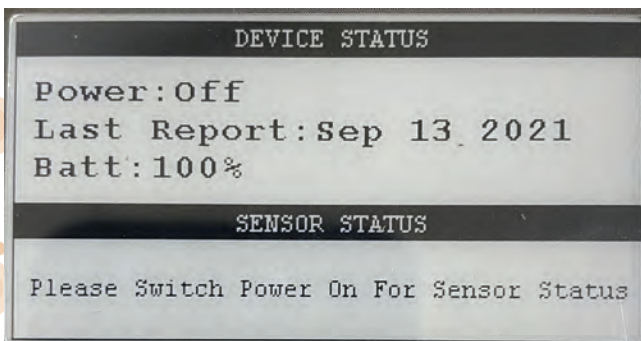
Battery: percentage
 Last Report: Minutes
 Type of Report: LTE | GSM
 Signal Strength: Level bars
 Sentinels: Number in range
 Temperature: SENTRY °C
 Humidity: SENTRY RH%
 Light: Lux
 Temperature: Probe 1 and 2 °C



Power On Screen Display



*Powering Down Screen Display
 Controlled shut down and may stay in
 this status for several minutes*

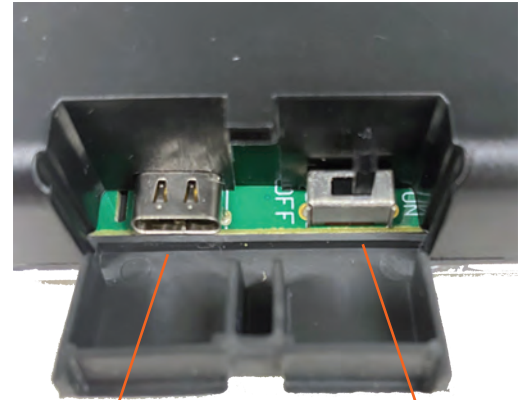


Power Off Screen Display

SENTRY FlightSafe® Operation Charging



Machine Screws for Mounting
Size: #10-32



USB-C
Charging Port

On/Off Switch

Red LED Indicates Charging



Green LED Indicates Fully Charged



SENTRY FlightSafe® Operation Axis Orientations

The purpose of this document is to outline the way the SENTRY FlightSafe measures, monitors and reports shock.

The SENTRY FlightSafe samples the output of the accelerometer every 20ms and therefore transient shocks can be aliased/under-sampled. This can result in transient shocks being missed or under-reported.

The SENTRY FlightSafe can monitor shock along three axis, x, y and z which are shown in Figure 1.

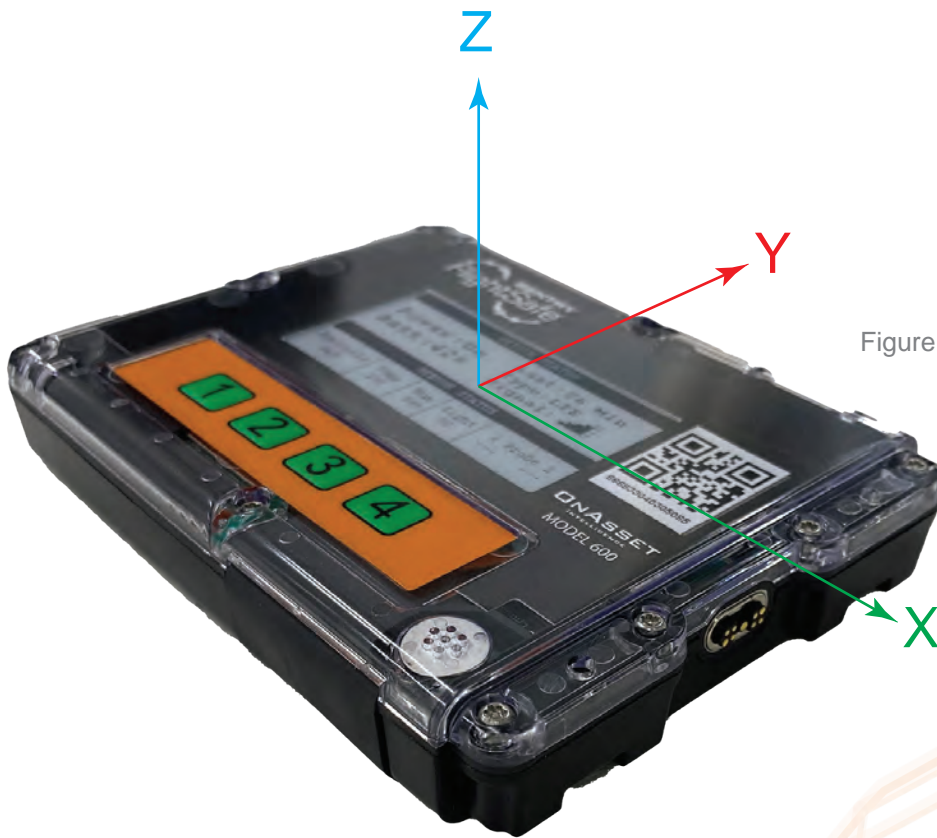
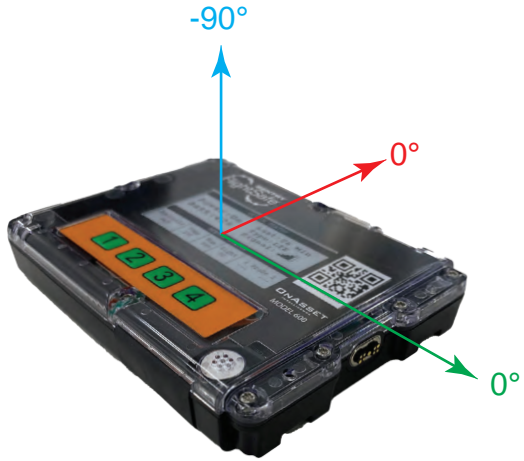
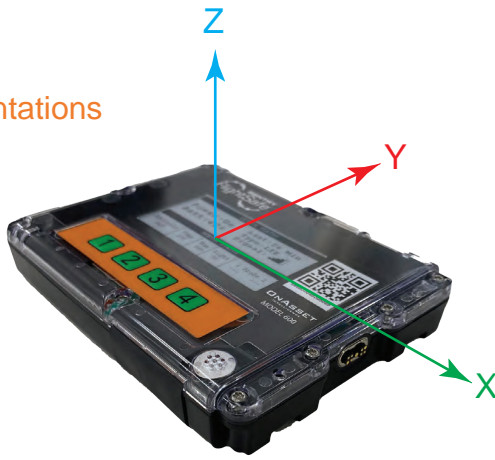


Figure 1: SENTRY FlightSafe Axis Orientations

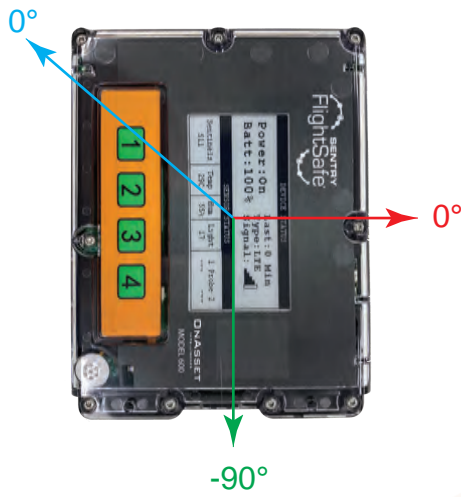
Axis Orientations



Flat



Standing On Side



Standing On End

SENTRY FlightSafe® Operation Mass Charger



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