

OnAsset Sentry600 FlightSafe®

The SENTRY 600 FLIGHTSAFE® 5G logger is a compact and flexible 5G wireless shipment data logger for real-time tracking, optimized for extended field life and extreme scalability. It is the first logger to feature LoRaWAN® 5G cellular technology, audio-visual sensors and ePaper display.

Key features

- Designed to enable massive scalability and support a future where every shipment is enabled with sensor technology.
- Incorporates OnAsset's patented FlightSafe® feature, which operates on global cellular coverage with LTE-M, NB IoT, 2G worldwide.
- Rugged, rechargeable, and multiuse, with an operating range of -20°C to $+60^{\circ}\text{C}$.
- FAA and EASA aviation regulations compliant.
- 21 CFR Part 11 and GxP compliant temperature monitoring.
- Sustainable to follow drugs in real-time over long routes.

Integrated in the TSS SaaS offer

Continuous temperature and location visibility throughout the shipment, via cellular data and GPS location information, using the Sentry 600 and TSS software with GeoTrack Module.

TSS offers control tower including replenishment of loggers to sending sites, pick up at receiving sites and 24/7 intervention service.



SENTRY 600 FLIGHTSAFE® FEATURES

Type	GPS temperature data logger
Communication	Cellular – Global Coverage with LTE-M, NB IoT, 2G Wi-Fi (optional) – 802.11 b/g/n Bluetooth – BLE 5.0 LPWAN (optional) – LoRaWan® V1.0.3 Compliant Location – GPS/GLONASS/Galileo/BeiDou/Wi-Fi
Operating Range	-20°C to 60°C (0°C to +45°C charging) Optional plug-in dual probe accessory -200°C to 200°C
IP Classification	IP64 Compliant
Sample Rate	2 min to 255 min
User Interface	ePaper Display, 4 button array, 2 status LEDs
Power & Battery Specs	5800 mAh 3.7V Lithium Polymer Rechargeable Battery
Charging	USB-C & Mass Charger
Dimensions	121.5 x 93.5 x 22mm
Weight	190 grams
Environmental	Dual Temperature Sensors: Digital + NTC Humidity Pressure Light
Handling	Dual Accelerometers: Shock (1–100G) Motion Detection Tilt
Audio/Visual (optional)	8MP camera and microphone