



Features

- Worldwide location tracking
- GSM/GPRS worldwide cellular radio communication
- FAA compliant - automatic off/on during takeoff and landing
- Sensor suite - temperature, light intensity, shock and tilt/orientation detection
- Expansion port can accommodate other specialized sensors such as those used for cryogenic shipments
- Long battery life - rechargeable battery can last up to 60 days in the field, depending on reporting rate
- Unit can be configured over-the-air remotely
- Browser-based user interface

FLIGHTSMART™ AIR CARGO TRACKER

FreightWatch offers the ILC2000 as a premium performance, GSM/GPRS air cargo tracking and sensor monitoring tracker. The ILC2000 tracker is FAA-compliant so it automatically shuts off prior to "wheels up" on a commercial or cargo aircraft, and automatically turns back on when the aircraft lands. The device continues to collect sensor data (temperature, excessive shock, tilting and package tampering), while in flight. Once landed, data is transmitted back to customers through FSN's tracking and monitoring platform, *FSNtracks*. For shippers, this information provides a way to monitor not only the security of shipments, but also documents environmental conditions for regulatory compliance reporting purposes.



FreightWatch ILC2000 FlightSmart™ Air Cargo Tracker

Specifications

Size

- (L) 4.49" x (W) 4.49" x (H) 0.87"
- (L) 114 x (W) 114 x (H) 22 mm

Weight

- 7.51 oz. /213 g

Battery Capacity

- 1.88 AHr Lithium-ion Rechargeable (internal)
- Charging Time: 2 hr. (rack charger)

Internal Sensors

- Temperature: ± 0.50 from -18°C to $+60^{\circ}\text{C}$
NIST Certified
- Light: < 20 lux
- Shock: Freefall Detection
- Tilt/Orientation Detection: Orientation Change

Durability

- IP65 (Splash Proof)
- $>100\text{G}$ Shock Durability

Standards

- IS-95A/B
- IS-2000 (1X) Release 0 and Release A
- IS-637 (SMS)

Interfaces

- LEDs/On-Off Button
- LCD Status Display
- USB Disk Logging

Radio & Network Modes

- Quadband GSM/GPRS
- US Cellular (800 MHz) and US PCS (1900 MHz)
- SMS and TCP command and TCP/IP response