



4CT

Tracking and temperature monitoring for refrigerated containers



Product overview

FleetUp 4CT is a real-time GPS tracking and temperature monitoring device for refrigerated containers (reefers).

FleetUp 4CT is designed to prevent spoilage of temperature-sensitive goods like food products and medical supplies during transport.

FleetUp 4CT sensors can be placed throughout the

reefer to provide end-to-end temperature and humidity monitoring for the duration of each shipment.

FleetUp 4CT provides freight carriers and their clients the precise data they need to ensure that their temperature-sensitive cargo arrives on time and in perfect condition.

Hardware features

- Magnetized enclosure
- IP67-certified
- SmartLock technology with RFID
- Temperature sensors
- Solar charger option
- Easy, “no tools required” installation
- Operates in harsh environments
- Theft detection and tamper-proof
- Protects temperature sensitive cargo
- Ensures extra long-term battery life

Software features

- GPS updates every 10 secs
- Suspicious movement detection
- Dynamic geofences
- Custom alerts
- Battery life monitoring
- FleetUp mobile app support
- “Best in Class” location tracking
- Protects against theft
- Optimizes safety and efficiency
- Keeps staff better informed and productive
- Prevents unexpected power loss
- Remote management from anywhere

Reefers



FleetUp 4CT monitors the temperature of reefer containers during shipment.

4CT Specifications

Dimensions (in)	7.7(W) x 4.5(L) x 1.5(H)
Weight	1.5 lbs (includes main unit, antenna, battery, shell)
Battery	15000mAh/3.7V industrial grade lithium polymer battery
GPS module	Ublox MAX-7Q
GSM module	Quectel M35
Working temperature	-4°F ~ +140°F
Average working current	<90mA
Waterproof standard	IP67
Working hour	Over 45 days if used approximately 2 hours per day
Location accuracy	< 33 ft

Wireless Temperature Sensor Specifications

Dimensions (in)	3.9(W) x 2.4(L) x 0.6(H)
Adopted technology	Lora
Working frequency	433MHz
Transmitting distance	492 ft
Temperature deviation	± 33.8°F
Temperature resolution	33.8°F
Power supply mode	CP752425
Temperature deviation	6μA
Battery life / capacity	1 year 2400mAh (lithium battery)
Waterproof standard	IP65