

Highlights

- Global 4G Cat1 modem with GPRS fallback
- GPS geo-location tracking allows for accurate real-time monitoring and arrival time estimation
- Temperature, Humidity, Light sensors
- Alerts and notifications for all parties, with an on-device LED alert indication
- Can generate PDF report via USB type C port, for when there is no network connectivity available
- LCD Display

Device Specification

Operating Temperature	-20°C to +60°C (-4°F to +140°F)
Cellular Network	Cat1 4G (LTE-FDD B1/B2/B3/B4/B5/B7/B8/B12/B13/B18/B19/B20/B25/B26/B28/B66/LTE-TDD B38/B39/B40/B41) + 2G (850 B5/900 B8/1800 B3/1900 B2 MHz)
SIM card	Pre-installed Standard nano-SIM card
Estimated Operating Life	Up to 20 days (15-minute reporting interval) Up to 40 days (30-minute reporting interval) Up to 80 days (1-hour reporting interval)
Battery	Rechargeable Lithium 3.7V / 3600mAh / 6-8 hours to fully recharge
Memory capacity (Offline)	17,000 readings
Transmission / Logging Interval	Configurable: 5 to 1440 minutes
Reusable	Single Use / Reusable
Storage Range	Temperature: +10°C to +35°C / 14°F to +95°F Humidity: 10% to 50%
Regulatory Certificates	RTCA/DO-160G, RoHS, CE, FCC
Ingress Protection Rating	IP64
Location	GPS / LBS / WIFI
LEDs	Two LEDs: Status & Alarm
LCD Screen	Battery Status, Temperature, Humidity, Network Signal Strength, 4G, USB Connected, Recording
System Notifications	Temperature, Arrival, Door open, Light, Risk, Score, ETA, Degree-hours, and more
Dimensions	100 mm x 66 mm x 29 mm / 3.94 in x 2.60 in x 1.14 in
Weight	151 g / 5.33 oz

Sensors

Sensor	Range / Accuracy	Precision	Calibration
Temperature Ambient	-20°C to +60°C / ± 0.3°C -4°F to +140°F / ±0.54°F	0.1°C / 0.18°F	Factory calibrated (NIST®)
Temperature Probe (C4GC4THLSG33RP)	-200°C to +200°C	0.1°C / 0.18°F	Factory calibrated (NIST®)
Relative Humidity (RH)	5% ~ 95% (non-condensing) / ±3%	1%	Factory calibrated (NIST®)
Light	0 to 64000lux	-	Factory calibrated

Models

C4GC4THLSG33R	With internal ambient temperature sensor	All other features shared in both models
C4GC4THLSG33RP	With external temperature probe	