

LT5GEO

Real-Time Cellular Data Logger

The LogTag® LT5GEO is a real-time temperature and humidity cellular data logger with vibration, light, and shock sensors to detect any environmental breaches. This provides complete traceability and visibility for transportation and static site monitoring where reliability and full transparency is required.

The LT5GEO provides product visibility from the first to last mile and everything in between. With instant excursion notifications of your product's humidity, shock, light, and temperature parameters you can act immediately to protect your product before it's too late.

INCREASE SUPPLY CHAIN VISIBILITY

Receive instant alerts when deviations from set parameters occur via phone call, email, SMS, or WhatsApp. This ensures that assigned key contacts are notified immediately, enabling swift action to be taken to protect your shipment.



CLOUD CONNECTIVITY

Data automatically uploads via the 4G/5G cellular network to LogTag Online so you can log in and check where your shipment is and what condition it is in while it is still in transit. Plus view all your logger's data on the go through the LogTag Mobile App.



LT5GEO

DIMENSIONS



International Compliance:

- FCC
- CE
- EN12830
- DO-160H, and
- FDA 21 CFR Part 11.

Overall Specifications

Battery Type	NiMH rechargeable (multi-use)
Battery Life	90 days operation with normal use (30-minute logging, upload every 60 minutes)
Dimensions	90mm (3.54 in) H x 68mm (2.68 in) W x 25mm (0.98 in) T
Weight	175g (6.17 ounces)
Rate Recording Capacity	16,320 total log memory
Sampling Interval	Configurable from 5 minutes to 18 hours
Logging Start Options	Push-button start (configurable delay – 1 min to 72 hr)
Enclosure Rating	IP65

Temperature and Humidity Specifications

Sensor Measurement Range	-30°C to +70°C (-22°F to 158°F).
Storage Temperature Range	0°C to +40°C (32°F to 104°F)
Humidity Measurement Range	0% RH to 100% RH (non-condensing), with limitations.
Temperature Reading Accuracy	±0.45°C (±0.8°F) for +0°C to +50°C (+32°F to +122°F) ±0.8°C (±1.4°F) for +50°C to +70°C (+122°F to +158°F) ±0.95°C (±1.7°F) for -40°C to +0°C (-40°F to +32°F)
Humidity Reading Accuracy	±3%RH for 20%RH to 80%RH ±5%RH for 0%RH to 20%RH ±5%RH for 80%RH to 100%RH

Light and Shock Specifications

Light Sensor Range	0 – 120,000 lux (0 – 100%)
Shock Sensor Measuring Range	0-27g
Shock Sensor Resolution	0.1g 1 m/s ²
Shock Sensor Sampling Rate	25Hz

PRODUCT SAFETY

Supply chain deviations and excursions happen; the LogTag LT5GEO provides the instant notifications so that you can decide what to do when they happen. It provides the data to determine what and where excursions occur, giving you the ability to take immediate action to reduce loss and troubleshoot potential problems in your supply chain. Rely on the LT5GEO for accurate traceability and visibility throughout your product's lifecycle.