

# LT5GEO CELLULAR DATA LOGGER



**LogTag<sup>®</sup>**

**LT5GEO-E**  
External Probe  
Continuous Monitoring Logger

# LogTag®

## Accurate Real-Time Continuous Monitoring

### Remote Storage Location Visibility

Get a true continuous monitoring solution with the new LogTag® LT5GEO External Probe logger. No manual data uploads or manual report downloads. Operate independently from your IT network. You get regular readings, automated reports, and alerts when it matters most.



#### Environmental

Temperature, Light, Shock, and Location Sensors



#### Global Coverage

Remotely Monitor with Global 4G/5G Cellular Connectivity



#### Real Time Alerts

Instant Phone Call, Email, SMS, or WhatsApp Alerts\*



#### Flight Mode

Automatic Flight Mode

### LT5GEO External Probe

The LogTag® LT5GEO External Probe delivers remote visibility into your storage site and transportation monitoring **location, temperature, light, and shock** down to -40 °C.

Get instant, **real-time alerts** the moment an alarm is triggered, keeping you ahead of issues with instant insight into environmental conditions.

All data is automatically uploaded to LogTag® Online Cloud, giving your team **live access, reports, and alerts** from anywhere in the world.

No manual downloads, no delays.

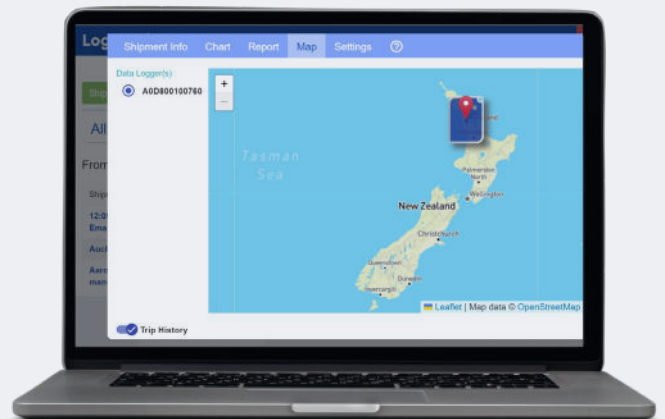


#### Order Codes:

**Single-Use:**  
LT5GEO-E-S

**Multi-Use:**  
LT5GEO-E-M

Ultra-Low  
Temperature  
External Probe  
Models Available



\*Phone call, SMS, or WhatsApp alerts require paid LogTag® Online subscription and notification units.

## Features:



**Instant Alerts:** Get immediately notified via SMS, phone call, email, or WhatsApp during any excursion



**Cellular Connectivity:** Avoid involving your IT team as it works independently of IT network for extra security



**Multi-Sensor:** The LT5GEO monitors Temperature, Light, Shock and Geo Location for complete insight



**Geo Location:** Gain remote visibility into your cold chain network, from storage facility to transportation



**Light and Shock sensors:** Shows how your product was handled and protect the product integrity.



**Auto Flight Mode:** Smart detection enables automatic flight mode for hassle-free compliance



**LogTag<sup>®</sup> Online:** Securely store data, monitor devices, automatically uploads data and generate reports anytime, anywhere with LogTag<sup>®</sup> Online



**Compliance:** Meets FCC, CE, DO-160H, and FDA 21 CFR Part 11 standards

**Available in single use and multi use options**

## Automatic Upload to LogTag<sup>®</sup> Online Cloud



The LT5GEO automatically transmits environmental and geo-location data to LogTag<sup>®</sup> Online via cellular connection, delivering live insight without the need for manual downloads or onsite access.

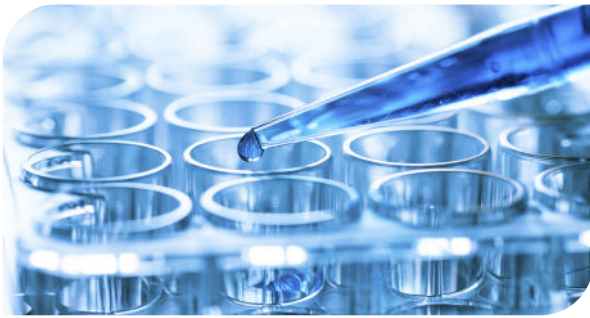
All uploaded data is securely and automatically available for remote viewing, giving your team full visibility across shipments, storage sites, and global operations.

- Remote Global Team Access
- Custom Dashboards
- Automated Reports
- Smart Notifications
- User Permissions

## LogTag® LT5GEO Range:



## APPLICATIONS



**Clinical Centers**



**Vaccines**



**Specialty Manufacturing**



**Food Logistics**



**Pharmaceutical Transportation**



**Warehousing**

## SPECIFICATIONS

<b>Product Model</b>	LT5GEO-E-S (Single-use) LT5GEO-E-M (Multi-use)
<b>Connectivity</b>	LTE Cat M1/EGPRS
<b>Sensor Measurement Range</b>	-40 °C to +99 °C (-40 °F to +210 °F)
<b>Operating Temperature Range</b>	-30 °C to +70 °C (-22 °F to +158 °F)
<b>Storage Temperature Range</b>	0 °C to +40 °C (+32 °F to +104 °F)
<b>Rated Temperature Reading Accuracy</b>	Better than ±0.5 °C (±0.9 °F) for -20 °C to +40 °C (-4 °F to +104 °F) Better than ±0.8 °C (±1.4 °F) for -40 °C to -20 °C (-40 °F to -4 °F) Better than ±0.8 °C (±1.4 °F) for +40 °C to +70 °C (+104 °F to +158 °F) Better than ±1.2 °C (±2.2 °F) for +70 °C to +99 °C (+158 °F to +210 °F) Actual performance is typically much better than the rated values Accuracy figures can be improved by recalibration
<b>Light Sensor Range</b>	0 – 120,000 lux
<b>Shock Sensor Measuring Range</b>	0-16g
<b>Shock Sensor Resolution</b>	0.1g 1 m/s <sup>2</sup>
<b>Shock Sensor Sampling Rate</b>	25Hz
<b>Recording Capacity</b>	16,320 local logger memory. 1 million recordings with LogTag® Online
<b>Transmission Interval</b>	20 minutes-24 hours, depending on trip duration set through LogTag® Online Uploads immediately when alarm is triggered, regardless of transmission interval
<b>Sampling Interval</b>	Configurable from 1 minute to 18 hours
<b>Logging Start Options</b>	Push button start, with configurable delay, from 1 minute to 72 hours
<b>Environmental</b>	IP61
<b>Software</b>	LogTag® Online and (optional) LogTag® Mobile App
<b>Battery Type</b>	Non Lithium Rechargeable Nickle Metal Hydride (NiMH)
<b>Battery Life</b>	Transmission interval adjusts according to trip duration set in LogTag® Online. Maximum Trip length 90 days
<b>Connection Interface</b>	USB 2.0 / USB Type C Metal plug
<b>Size and Weight</b>	90mm(H) x 68mm(W) x 25mm(D) - 166g
<b>Case Material</b>	Polycarbonate

### Compatible External Probes:

Order Code	Exposed Tip Length	Tip Diameter	Cable Length
ST100K-15	65mm	ø3.2mm	1.5m (4'11")
ST100K-30	65mm	ø3.2mm	3m (9'10")
ST100S-15	22.5mm	ø5mm	1.5m (4'11")
ST100S-30	22.5mm	ø5mm	3m (9'10")

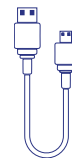


**External Probe**  
Not Included (Recommended)

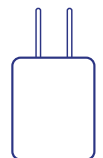


**Smart Probe**  
Not Included (Recommended)

### Charging Accessories:



**USB-C Cable**  
Sold Separately



**AC Adapter\*\***  
Sold Separately

### Compatible Smart Probes:

Order Code	Exposed Tip Length	Tip Diameter	Cable Length
CP100K-15	65mm	ø3.2mm	1.5m (4'11")
CP100K-30	65mm	ø3.2mm	3m (9'10")

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\*\*The LT5GEO can only be charged with a 5V/1A connector as other voltages will damage the device.