BROCHURE

LT5GEO-E-M

LogTag

Distributed by AKRIBIS

LT5GEO CELLULAR DATA LOGGER

LogTag®

LT5GEO-E

External Probe
Continuous Monitoring Logger

AKRIBIS · www.akribis.info · contacto@akribis.info

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.

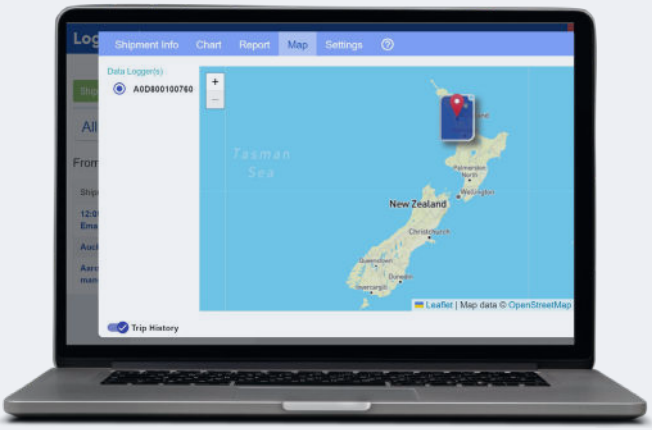
No manual downloads, no delays.

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.

LogTag® LT5GEO-E

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® Online: Securely store data, monitor devices, automatically uploads data and generate reports anytime, anywhere with LogTag® 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® Online Cloud

The LT5GEO automatically transmits environmental and geo-location data to LogTag® 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-E

LogTag® LT5GEO Range:

LT5GEO

LT5GEO-E

LT5GEO-LE

LT5GEO Internal Sensor:

Scan the QR Code to view the LogTag® LT5GEO.

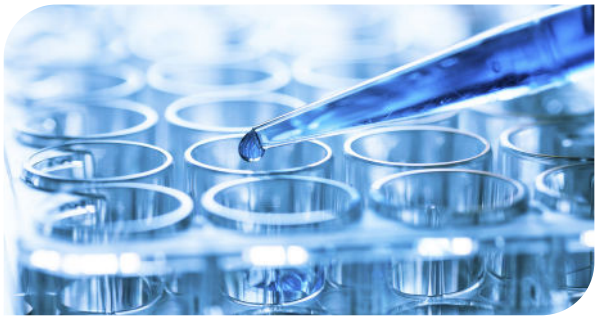
https://logtagrecorders.com/product/lt5geo/

LT5GEO Ultra-Low Temp:

Scan the QR Code to view the LogTag® LT5GEO Ultra-Low.

https://logtagrecorders.com/product/lt5geo-external-probe-ultra-low-temp

APPLICATIONS



Clinical Centers

Vaccines

Specialty Manufacturing

Food Logistics

Pharmaceutical Transportation

Warehousing

LogTag® LT5GEO-E

SPECIFICATIONS

Product Model	LT5GEO-E-S (Single-use) LT5GEO-E-M (Multi-use)
Connectivity	LTE Cat M1/EGPRS
Sensor Measurement Range	-40 °C to +99 °C (-40 °F to +210 °F)
Operating Temperature Range	-30 °C to +70 °C (-22 °F to +158 °F)
Storage Temperature Range	0 °C to +40 °C (+32 °F to +104 °F)
Rated Temperature Reading Accuracy	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
Light Sensor Range	0 – 120,000 lux
Shock Sensor Measuring Range	0-16g
Shock Sensor Resolution	0.1g 1 m/s^2
Shock Sensor Sampling Rate	25Hz
Recording Capacity	16,320 local logger memory. 1 million recordings with LogTag® Online
Transmission Interval	20 minutes-24 hours, depending on trip duration set through LogTag® Online Uploads immediately when alarm is triggered, regardless of transmission interval
Sampling Interval	Configurable from 1 minute to 18 hours
Logging Start Options	Push button start, with configurable delay, from 1 minute to 72 hours
Environmental	IP61
Software	LogTag® Online and (optional) LogTag® Mobile App
Battery Type	Non Lithium Rechargeable Nickle Metal Hydride (NiMH)
Battery Life	Transmission interval adjusts according to trip duration set in LogTag® Online. External power supply recommended. Maximum on-battery length 100 days.
Connection Interface	USB 2.0 / USB Type C Metal plug
Size and Weight	90mm(H) x 68mm(W) x 25mm(D) - 166g
Case Material	Polycarbonate

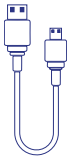
Compatible External Probes:

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

Explore More Probe Options:

Scan the QR Code to view the full range of External Probes

LT5GEO Ultra-Low Temp:

Scan the QR Code to view the LogTag® LT5GEO Ultra-Low

*Phone call, SMS, or WhatsApp alerts require paid LogTag® Online subscription and notification units.
**The LT5GEO can only be charged with a 5V/1A connector as other voltages will damage the device.

Revision A (20260610)
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