

# REAL TIME DATA LOGGER



## Ultima Geo 4G

Available in





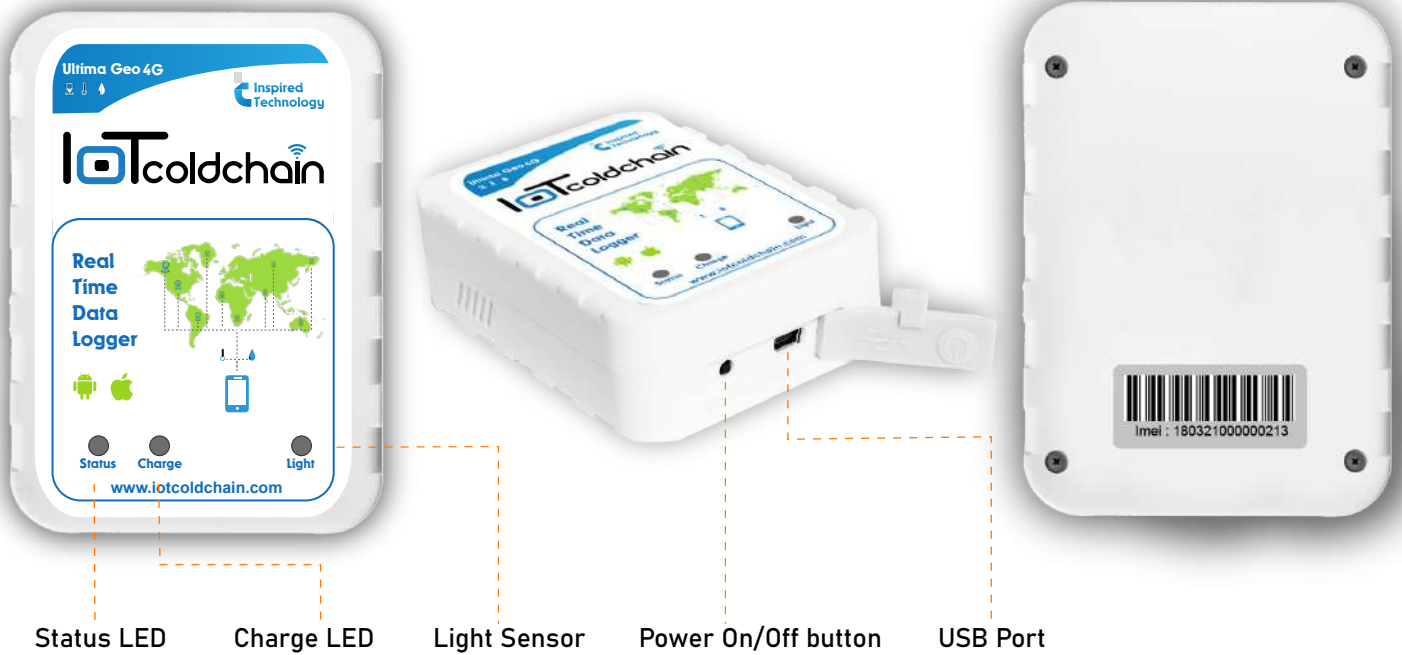
## Ultima Geo 4G Real - Time data logger

Any temperature excursion accidents that occur during logistics cause huge losses to companies in the life science, food and chemical industries. Therefore, deploying temperature monitoring devices within the shipment becomes mandatory for a qualified temperature-controlled supply chain, but traditional temperature monitoring devices tend to require programming and downloading data loggers using controlled computers.

Inspired Technology's **Ultima Geo 4G** is a global, real-time IoT device that delivers validated real-time temperature and humidity monitoring, location based positioning end-to-end real-time location tracking, door opened in reefer or lid opened in cold chain shipper box notification with a light sensor. This device is specially designed for reefer trailer monitoring, cold chain shipper box monitoring, cold chain shipments monitoring, flight mode air transport. Inspired Technology helps customers in smart monitoring and efficient quality compliance.

### IoTcoldchain:

**IoTcoldchain** is a cloud - based remote monitoring system that monitors your most important environmental variables including temperature, humidity, location and door opening while collecting all your temperature data on a single platform, and allowing one to monitor and receive alerts on any device. With IoT cold chain, even the most heavily regulated environments can meet compliance requirements with ease.

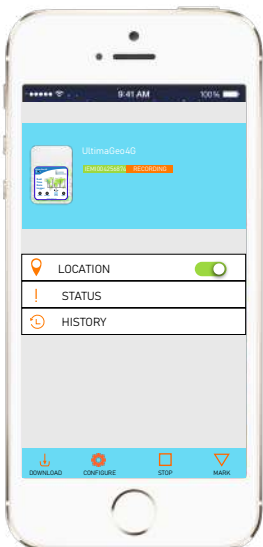


Status LED    Charge LED    Light Sensor    Power On/Off button    USB Port

## Specifications

Dimensions	90mm*64mm*27mm
Battery	Built-in 3.7V/4400mAh Lithium battery
Battery Type	Chargeable
GSM antenna	Built-in
Transport mode	CAT-M1\NB-IOT\GSM
Flash memory	32Mbit, Can save 20000 data
Temperature Accuracy	±0.3°C
Humidity Accuracy	±3% RH
Temperature range	-20°C~ +60 °C
Humidity range	0~90%

Power consumption	Active mode(avg.) < 120mA Sleep mode(avg.) < 20uA
LED	Device status/charge
Frequency band	<p>CAT-M1: 700 (Bd12, Bd13, Bd28, Bd85), 800 (Bd18, Bd19, Bd20, Bd26, Bd27), 850 (Bd5), 900 (Bd8), AWS-3 (Bd66), AWS-1 (Bd4), 1800 (Bd3), 1900 (Bd2, Bd25), 2100 (Bd1) MHz</p> <p>NB-IOT: 600 (Bd71), 700 (Bd12, Bd13, Bd28, Bd85), 800 (Bd18, Bd19, Bd20, Bd26), 850 (Bd5), 900 (Bd8), AWS-3 (Bd66), AWS-1 (Bd4), 1800 (Bd3), 1900 (Bd2, Bd25), 2100 (Bd1) MHz</p> <p>NB-IOT: 600 (Bd71), 700 (Bd12, Bd13, Bd28, Bd85), 800 (Bd18, Bd19, Bd20, Bd26), 850 (Bd5), 900 (Bd8), AWS-3 (Bd66), AWS-1 (Bd4), 1800 (Bd3), 1900 (Bd2, Bd25), 2100 (Bd1) MHz</p> <p>GSM :850/900/1800/1900MHz</p>



## IoTcoldchain App

- ▶ Available on both iOS/Android Platforms
- ▶ Real time temperature and humidity
- ▶ Real time location tracking
- ▶ Overall device status at a glance
- ▶ History of data and alarm
- ▶ Multiple alerts through email, app, SMS, WhatsApp, call.

## Application

Sea and air freight	
Distribution and last-mile delivery	
Storage and freezer monitoring	