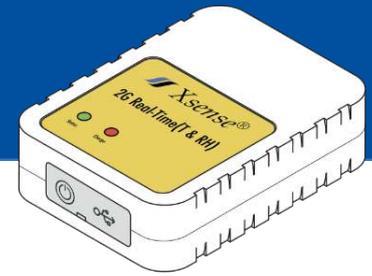


# Xsense<sup>®</sup> GPRS Datalogger for Real-Time Cold Chain Monitoring



## Introduction

The Xsense<sup>®</sup> GPRS datalogger is a compact device for real-time monitoring. It records temperature, relative humidity, and location. It comes with a cellular SIM card pre-installed and pre-activated. It contains an internal rechargeable battery.

It is simple to use. Register your shipment in Xsense<sup>®</sup>, Associate the datalogger with the shipment. Turn on the datalogger. Place it on the products to be monitored. And watch it go on its way.

Of course the datalogger comes with access to Xsense<sup>®</sup> Cloud which Xsense<sup>®</sup> is famous for:

- Trip segmentation
- Smart data access security
- Automatic alerts
- Automatic notifications at destination and way-points
- Route tracing
- Quality metrics
- In app messaging and alerts (Android and iOS)
- Post-analysis reports

Stay informed anywhere, anytime.



## Applications

- One-way shipments
- Round-Trip shipments
- Monitoring of fixed locations

## Highlights

- GPRS geo-location tracking allows for real-time monitoring and estimation of arrival times
- Up to 4320 hours of historical readings; when cellular network is not available, the datalogger stores readings until the reconnection to the cellular network
- Route map with readings juxtaposed
- Automatic alerts and notifications for all parties

## Specification

Model Number	C2GC1TH33R
Dimensions	90mm x 64mm x 27mm / 3.55in x 2.52in x 1.07in
Weight	132g / 4.7oz
Battery	Rechargeable lithium 3.7V / 3000mAh
Battery recharge time	5 hours – to fully recharge
Battery lifetime	10-50 days depending upon logging interval
Logging interval	5,15,30,60 minutes
Cellular	Built in GSM antenna SIMCOM GSM chip, 4 Frequency GPRS 850MHz/ 900MHz/ 1800MHz/ 1900MHz
SIM card	Pre-installed Standard mini SIM card
Operating Life	Single use/reusable
Memory capacity	4320 readings
Temperature range	-40°C to +125°C
Operating Range	-20°C to +60°C
Temperature precision	± 0.3°C (from -20°C to +60°C) / ±0.54°F (from -4°F to +140°F)
Temperature Resolution	0.01°C / 0.018°F
Humidity range	0% to 100%
Humidity precision	NIST® compliant: ±3% (from 20% ~ 90%)
LEDs	Two LEDs, Status & Charge
Calibration	Temperature and Humidity sensor is calibrated at the time of manufacture.