

GOSAFE

# G2C-DB

LOW-COST ASSET TRACKER



## APPLICATION



Transportation  
and Logistics



Asset Tracking



Long-distance  
Transportation

**Gosafe®**

your trusted partner



# G2C-DB LOW-COST ASSET TRACKER

## KEY FEATURE

- LTE CAT-1
- 9000mAh dry batteries
- 5 Working modes
- GPS, WIFI + LBS Location
- Intelligent power management
- Dismantle event
- Magnetic Shell (Optional)

## YOUR BENEFIT

- Get visibility of your asset
- Improve security of your asset
- Improve efficiency and productivity



## Low-Cost Asset Tracker

The G2C-DB is designed for long-lasting experience in asset tracking. The longest usage possible design with a 9000mAh dry battery can give enough power to the device to work for 10 years with message a day. The G2C-DB has multiple reporting modes, which make it easy for an asset manager to manage his assets based on the needs.

## Features



4G connectivity with  
fallback 2G



WiFi Location



Work for 10 years



Highly Sensitive GPS



Multiple configuration  
option



Dismantle alarm  
option

# SPECIFICATIONS

## GENERAL

Communication Modes	GPRS, LTE and TCP/SMS
Location Technology	56 Channels GPS
Operating Voltage	3.0V DC

## CELLULAR

Data Support	SMS, TCP
Operating Bands	EMEA Version: B1/B3/B5/B7/B8/B20/B28 South America Version: B1/B2/B3/ B4/B5/B7/B8/B28/B66
LTE Power Output	Class3 (23dBm+/- 2dB)
LTE Data Rate	5Mbps UL/10Mbps DL
GSM Bands	900/1800
GSM Power Output	Class 1 (1W)
GSM Data Rate	120Kbps/180Kbps
SIM Card	Nano SIM 1.8/3.3V

## INTERFACE

TCP Reporting	1 message a day 120 months 2 message a day 55 months 4 message a day 20 months
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## CONNECTORS, SIM CARD ACCESS

GPS Antenna	Internal
Cellular Antenna	Internal
SIM Card	Internal (4FF)

## ON BOARD

LED	Red and Green
Flash	8Mbit
3D Accelerometer	On Board
Light Sensor	On Board

## PHYSICAL

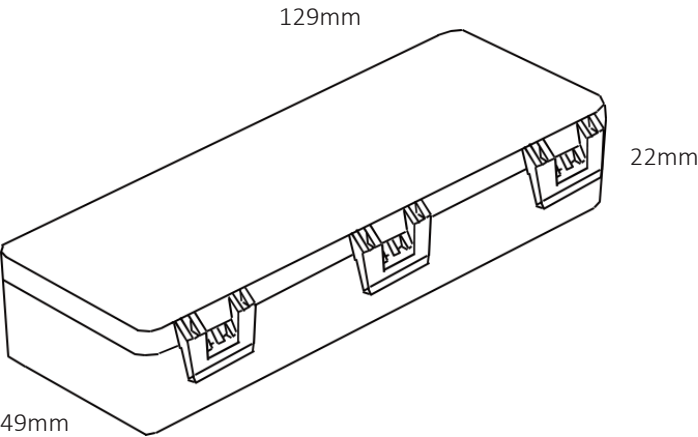
Dimensions	129x49x24mm(with magnetic base) 129x49x22mm(without magnetic base)
Weight	213g (with magnetic base) 184g (without magnetic base)

## GPS

Location Technology	56 Channel GPS + BeiDou GPS L1 C/A Code SBAS L1C/A BDS B1
Accuracy	+/- 2.5m Open Sky
Tracking Sensitivity	-165dBm
Acquiring Sensitivity	-148dBm
Hot Start	1 Sec Open Sky
Cold Start	32 Sec Open Sky
Assist GPS	Supported

## ELECTRICAL

Operating Voltage	3.0V
Power Consumption	<3uA(Deep Sleep) <70mA(Active Tracking)
Backup Battery	9000mAh (Replaceable)

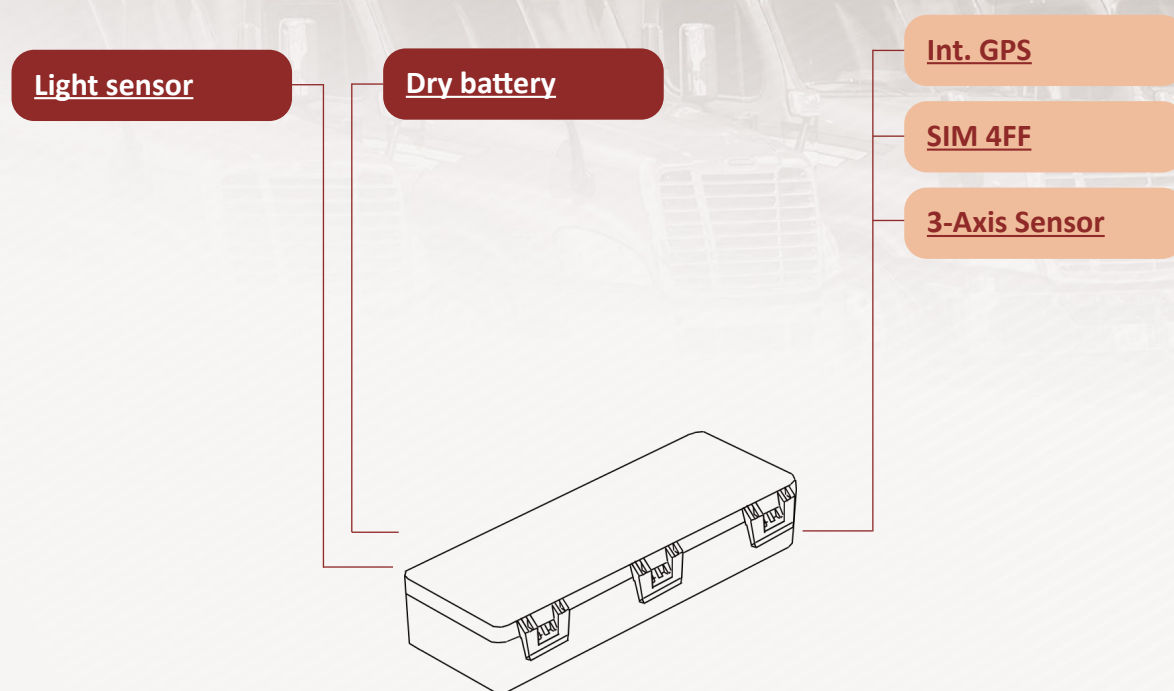


## ENVIRONMENTAL

IP Rating	IPX5
Operating Temp	-20C ~ +70C
Humidity	95%RH @ 50C non-condensing
Shock & Vibration	U.S. Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B
RoHS	Compliant



# Applications



## Ordering Models

Model	Connectivity	Region
G2C-LTA	LTE CAT-1	LATAM Version
G2C-LT	LTE CAT-1	EMEA-ANZ Version

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