

GOSAFE

G1A-LB

LITE ASSET TRACKER



APPLICATION



3700
Transportation and
Logistics



3734
Asset Tracking



Long-distance
Transportation

Gosafe®

your trusted partner

G1A-LB

LITE ASSET TRACKER

KEY FEATURE

- LTE CAT-1, 2G
- 3000mAh Li-ion Battery
- 5 Working modes
- GPS, WIFI + LBS Location
- Magnetic Shell (Optional)
- Intelligent Power Management

YOUR BENEFIT

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



Long battery life tracker

G1A-LB LTE CAT-1 is a battery powered GPS tracker having a best power management which can offer long battery life on a single charge. The device equipped with 3000mAh battery which can allow it work for months on a single message a day.

Features



4G connectivity with
fallback 2G



WiFi Location



3000mAh Battery



Highly Sensitive GPS



Multiple configuration
option



Dismantal alarm
option

SPECIFICATIONS

GENERAL

Communication Modes	GPRS,LTEandTCP/SMS
Location Technology	66 Channels GPS
Operating Voltage	5V DC

CELLULAR

Data Support	SMS, TCP
Operating Bands	2G 900/1800 MHz EMEA Version: B1/B3/B5/B8 South America Version: B2/B4/B8/B28
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 240 months 2 message a day 150 months 4 message a day 35 months
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CONNECTORS, SIM CARD ACCESS

Connector	USB type C for charging
GPS Antenna	Internal
Cellular Antenna	Internal
SIM Card	Nano SIM Push

ON BOARD

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

PHYSICAL

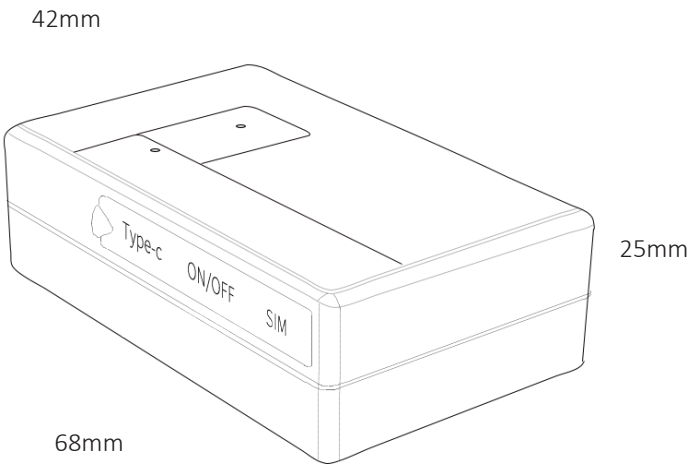
Dimensions	68 (L) x 42 (W) x 25 (H) mm
Weight	80g (with magnetic base)

GPS

Location Technology	66 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

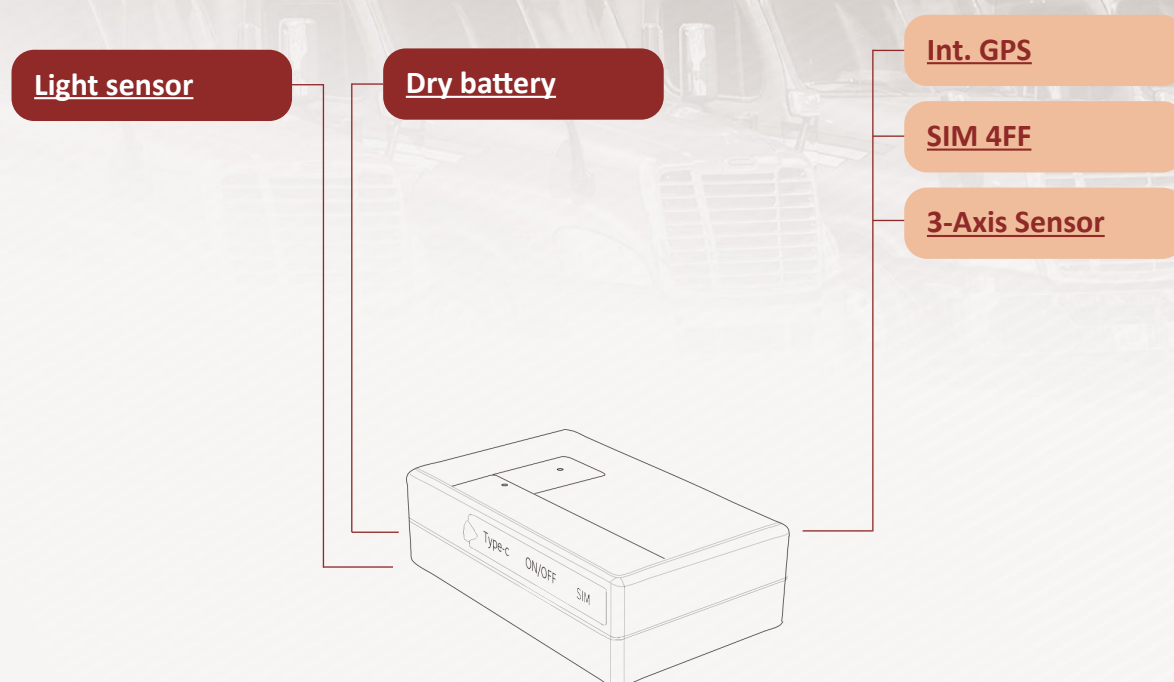
Operating Voltage	3.7~4.2V
Power Consumption	<1mA3.7V(DeepSleep) <5mA3.7V(Standby) <30mA0.7V(Tracking
Backup Battery	3000mAh (Rechargeable)



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
G1A-LTA	LTE CAT-1	LATAM Version
G1A-LT	LTE CAT-1	EMEA-ANZ Version

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