

GOSAFE

GTU300

ADVANCE FLEET TRACKER



APPLICATIONS



Fleet
Management



Transport
& Logistic



Asset
Management



Insurance
Telematics

Gosafe®

your trusted partner

GTU300

ADVANCE FLEET TRACKER

KEY FEATURE

- Global LTE connectivity
- Highly sensitive GPS engine
- Extensive power management
- Two-way communication
- Driving Behavior
- Zone management
- Driver ID and Fuel sensor optional

YOUR BENEFIT

- Get visibility of your fleet
- Improves operational efficiency and productivity
- Increase your vehicle utilization, security and efficiency
- Connect various sensors



Advance Fleet Tracker

GTU300 is an advanced fleet tracking device designed for easy installation. It is ideal for advanced, primary fleet, automotive Insurance, stolen vehicle, vehicle finance, auto rental, and other vehicle track and trace applications. It offers worldwide CAT-1 connectivity with highly precise locations with multiple I/O.

Features



4G connectivity with
fallback 2G



WiFi Location



Bluetooth 4.2
for sensor



Multiple interface for various
monitoring and control



Configurable digital inputs
and analog inputs



Driver behavior
monitoring

SPECIFICATIONS

GENERAL

Communication Mode	LTE/GPRS and TCP/UDP/SMS
Location Technology	56 Channels GNSS
Operating Voltage	12 and 24 Volt Vehicle Systems

CELLULAR

Data Support	SMS, TCP, UDP
LTE CAT-1	B1/ 2/ 3/ 4/ 5/ 7/ 8/ 12/ 13/ 17/ 18/ 19/ 20/ 25/ 26/ 28/ 66
LTE Power	Class 5 (20dBm)
LTE Data	CAT-1: DL: 10Mbps, UL: 5Mbps
GSM/3G	850/900/1800/1900 Mhz
GPRS Power	Class 10
SIM Card	1.8/3.3V

INTERFACE

Digital Inputs	2 Digital inputs
Ignition Sense	One dedicated wire for Ignition
Programmable Input	2 configurable inputs to positive trigger digital input or analog input
Analog Input	2 dedicated analog inputs
Digital Output	Two digital outputs, open drain, 300mA drive current max
Latched Digital O/P	One digital output with internal latch circuit,open drain, 150mA drive max
5V Power Ouput	One power output upto 250mAh
Two-way Audio	2 differential outputs; 1 audio input
Serial Port	1 RS232/485 port for external devices
1-Wire® Solution	1-Wire® interface (Driver ID)
Status LEDs	GPS, Cellular, Power
BLE 4.2	for Wireless Sensor

CONNECTORS, SIM CARD ACCESS

Connector Type	16 Pin Molex
Mini USB	1 Mini USB (configuration/debug)
GPS Antenna	Internal
Cellular Antenna	Internal
SIM Card	Internal (4FF)

ON BOARD

CPU	ARM Cortex M3
Flash Memory	4Mbit (8000 records)
3D Accelerometer	On Board

PHYSICAL

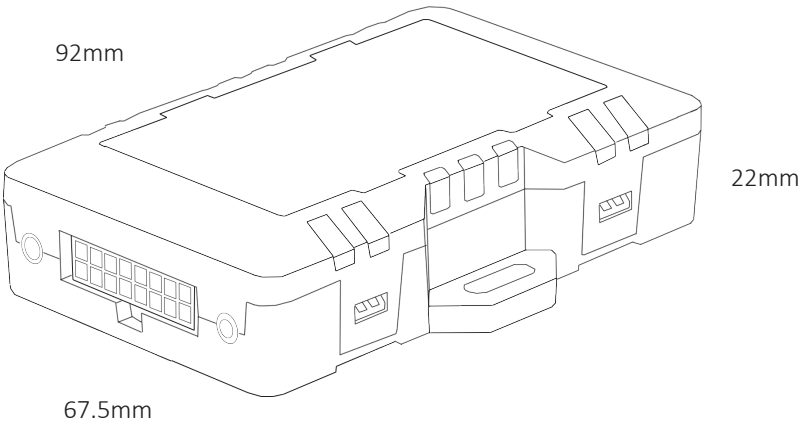
Dimensions	92.0 x 67.5 x 22 mm
Weight	85g

GPS

Location Technology	GPS Engine GPS/Glonass/Galileo/BeiDou GPS/QZSS L1 C/A, Glonass L10F BeiDou B1, Galileo E1 B/C SBAS L1 C/A: WAAS, EGNOS, MSAS, GAGAN
Concurrent GNSS	3
Update Rate	1 Hz
Channels	56
Tracking sensitivity	-167dBm
Cold Start Open Sky	30S
Aided Start	2S
Reacquisition	1S
Assisted GPS	Supported
Antenna	Patch Internal and External (option)

ELECTRICAL

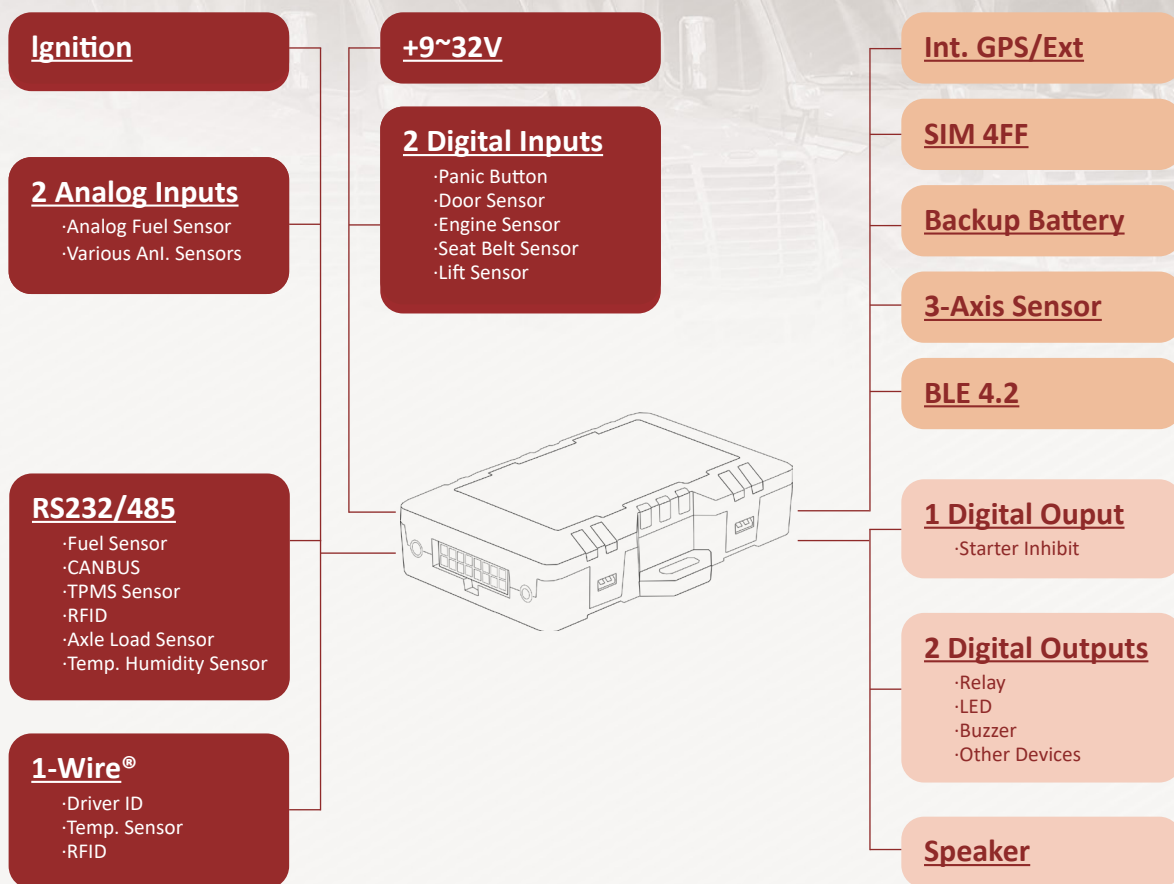
Operating Voltage	8-40V DC operational for 12V & 24V Vehicle support per SAE J1455
Power Consumption	3mA 12V (Sleep) 60mA 12V (Power Save) 120mA 12V (Active Tracking)
Backup Battery	LI-PO 220mAh (Optional) Battery Recharging Range is 0 to +45°C



ENVIRONMENTAL

IP Rating	IPX2
Operating Temperature	-40 ~ +85°C (without Backup Battery) -10 ~ +50°C (with Backup Battery)
Humidity	95%RH @ 50°C non-condensing
Shock & Vibration	U.S. Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC–Part 15B
RoHS	Compliant (Optional)

Applications



Ordering Models

Model	Connectivity	Region
GTU300-LTA	LTE CAT-1	LATAM Version
GTU300-LT	LTE CAT-1	EMEA-ANZ Version
GTU300-LTE	LTE CAT-1	NA Version
GTU300-LTM	LTE CAT-M	NA Version

Gosafe Company Limited

+86 (20) 8200-6896

info@gosafesystem.com

www.gosafesystem.com

RM C1-1103-1104, Innovation Building, No.182 Kexue Ave.,

Science & Tech City, Guangzhou-510663, China