

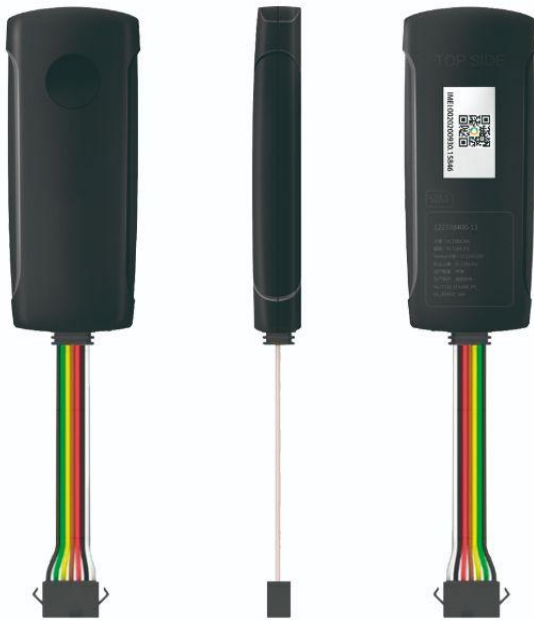


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BGT01L CAT.1

LTE Cat-1 / 3G / 2G GNSS tracking devices (Glonass) for a wide range of vehicular applications.

65g

8-55 V

42.5 x 102.5 x 14.65 mm

30°C - 80°C // 22°F - 176°F

- Compact size
- Easy installation
- Crash Detection
- FOTA
- Geofences
- Motion detection
- Driver Qualification
- Bluetooth 5.2
- Compatible with fuel level sensor
- Sensor compatible temperature

The BGT01L is a compact GPS tracker, it has multiple Inputs / Outputs that can be used to monitor or control external devices and it has Bluetooth communication (BLE 5.2) that in combination with our sensors offer a robust solution at a competitive price.



BGT01L SPECIFICATIONS

CELLULAR NETWORK / OPERATING BANDS	
Model	BGT01L
Operating Bands	SIM7600SA LTE-FDD: B1/B2/B3/B4/B5/B7/B8/B28/B66 LTE-TDD: B40 WCDMA (3G): B1/B2/B5/B8 GSM (2G): 850/900/1800/1900MHz
Data Transmission Specifications	Cat.1:Max.10Mbps(DL),Max.5Mbps(UL) WCDMA::Max.3.6Mbps(DL),Max.384Kbps(UL) MTC:Max.300Kbps(DL),Max.375Kbps(UL) NB1:Max.32Kbps(DL),Max.70Kbps(UL) EDGE:Max.296Kbps(DL),Max.236.8Kbps(UL) GPRS:Max.107Kbps(DL),Max.85.6Kbps(UL)
ESPECIFICACIONES CHIPSET GLONASS (GNSS)	
Chipset Glonass (GNSS)	Qualcomm GNSS
Parallel GNSS	GPS+Glonass+Galileo+Beidou
Sensitivity	-159 dBm (GPS) / - 158 dBm (BD) / - 159 dBm (GALILEO) Start acquisition of position data: -148 dBm With position: -163 dBm
Position Accuracy (CEP)	2.5m (CP50)
Time to take position TTF	No position, receiver off: <35s Active receiver: <27s With position: <1s
INTERFACES	
Digital tickets	2
Digital outputs	1
Configurable inputs (Digital / Analog)	1
Analog input	1
Power Cables	2(+/-)
LTE / GNSS / Bluetooth antennas	Internal only
LED indicators	Network and GNSS
PHOTO	Yes(Support for pass-through to MCU upgrade)
BLE	5.2
Memory	128M external flash
G Force Sensor	Support
Photo couple	PCB Support
GENERAL SPECIFICATIONS	
Protection	IP65
Dimensions	42.5mmx102.5mmx14.65mm
Weight	65 g
Backup battery	200mAh
Operating Voltage	8-55 V
Operating temperature	30°C ~ +80°C (22°F ~ 176°F)
Storage temperature	-40°C ~ +85°C (40°F ~ 185°F)
Simcard	Nano
PROTOCOL	
@Track Air Interface Protocol_V17.0D	