



**BSTPL-15
GPS TRACKER**

BSTPL-15 is compact GSM and GPS Tracker Unit which has provision for 1 each Digital Input, Analog Input, SoS Interface and Digital Output in addition to providing real-time tracking. BSTPL-15 can be used as a personal vehicle monitoring or fleet management device in various segments like Logistics, Public Transport, Emergency Services, School Buses, Cab / Taxi Services, Insurance Telemetric and Asset Tracking.

BSTPL-15 is equipped with advance 32 Bit Cortex Microcontroller and Highly sensitive GPS Receiver and GSM Transceiver with Internal Antennas, which delivers accurate real time data in toughest environmental and operating conditions. Compact in size, BSTPL-15 enables easy handling and easy installation. Flexible and customized protocol support helps users in quick integration with their servers

APPLICATION



FEATURES:

- Real Time Tracking
- 32 Bit, Cortex M0 Microcontroller
- 2 MB External Data Flash
- Wide Operating Voltage (7 - 40V DC)
- Over Voltage and Reverse Connection Protection
- Over The Air (OTA) Device Configuration
- Over The Air Firmware Update (FOTA)
- Dual SIM Supported (ESIM + Plastic Micro SIM)
- Dual IP Supported
- Supports TCP, UDP and HTTP Communications
- GPS Odometer
- One Digital Input
- One Analog Input
- One Digital Output
- One SOS Switch Interface
- ABS FR Enclosure, Complying to IP65
- Configurable Data Sending Intervals
- Sleep Mode for extended battery back up
- Accelerometer
- Internal GSM and GPS Antennas

TECHNICAL SPECIFICATIONS:

Power Requirements	7 - 40V DC 3.7V / 700 mA Li-Ion Battery
GSM / GPRS	Quad Band GPRS Class 12 -107 dBm Sensitivity TCP, UDP & HTTP Protocols
GPS Receiver	33 Tracking Channels 99 Acquisition Channels -149 dBm Acquisition Sensitivity -167 dBm Tracking Sensitivity
IO Ports	One Digital Input One Analog Input One Digital Output One SOS Switch Interface
Mechanical	Nylon FR Enclosure Dimensions: 88 x 56 x 27 mm
LED Indications	Main Power, Battery, GSM & GPS
Environmental	Operating: -20° to +80° C Humidity: 95% Non Condensing
Antennas	Internal GSM and GPS Antennas