



**BSTPL-17  
GPS TRACKER**

BSTPL-17 is an advanced GSM and GPS Tracker unit which has provision for multiple IO ports, RS-232, RS-485 and CAN interface in addition to providing real-time tracking. BSTPL-17 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-17 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-17 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 M3 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 IP Supported
- Supports TCP, UDP and HTTP Communications
- GPS Odometer
- Three Digital Inputs
- Three Analog Inputs
- Two Digital Outputs
- One SOS Switch Interface
- One each RS-232, RS-485 and CAN Interface
- ABS FR Enclosure, Complying to IP65
- Configurable Data Sending Intervals
- Sleep Mode for extended battery back up
- Box tamper alert
- 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	22 Tracking Channels 66 Acquisition Channels -149 dBm Acquisition Sensitivity -167 dBm Tracking Sensitivity
IO Ports	Three Digital Inputs Three Analog Inputs Two Digital Outputs One SOS Switch Interface
Mechanical	ABS FR Enclosure Dimensions: 102 x 72 x 32 mm
LED Indications	Main Power, Battery, GSM & GPS
Additional Interfaces	One each RS-232, RS-485 and CAN Interface
Antennas	Internal GSM and GPS Antennas