



# TT 500 User Manual

The TT 500 is designed as the perfect entry level vehicle security/tracking device, ideal for use in cars, trucks, boats and plant and equipment. The TT 500 was designed for ease of installation and operation, built from high quality components ensuring longevity of life.

- ❖ GSM 850/900/1800/1900 Quad band
- ❖ High sensitive GPS chip
- ❖ Built-in high power GPS antenna
- ❖ Only system available with both built in antenna (GSM+GPS)
- ❖ ON/OFF switch
- ❖ Built-in vibration sensor
- ❖ ACC detection, to upload status of vehicle operation
- ❖ Remote immobilize
- ❖ Wide voltage
- ❖ Duress alarm button for emergency
- ❖ Built-in backup battery
- ❖ Full Over The Air Upgrade capability
- Specialised data reporting functionality to reduce data transmission to under 1 MB per month

The TT 500 can also interface with any factory or aftermarket alarm system. Any triggering of the alarm will transmit an alarm through to QRC (Tracktech Response Centre)

## Specifications:

- GSM: 850/ 900/ 1800/ 1900 MHz GPRS: Class12, TCP/ IP build in GSM Module GPS: SIRF Star III
- GPS Channels: 20
- Tracking sensitivity:-159dBm
- Acquisition sensitivity: -144dBm
  
- Locating time cost:
  - Hot start: <2 sec (open sky)
  - Warm start: <15 sec
  - Cold start: <38 sec (open sky)
- Antenna: Built-in GSM quad band antenna, GPS high gain antenna.
- Battery:500mAh
- Monitoring range:5M
- Voltage input range:5-36 VDC
- LED indicator:
  - o Three LED indicator: GPS-blue, GSM-green, Power-red
  
- Dimensions: 79.0 (L) × 38.0 (W) × 13.5 (H) mm
- Weight: 47g
- Application environment: Operating temperature: -25°C to +70°C
  - Operating humidity: 5% to 95% non-condensing

### Wiring Diagram for TT 500

