

QuikTrak QT EE 500 GPS Tracker



The QT EE 500 has been designed and developed to allow for a wide range of versatile features and functions, the QT EE 500 can be used with the QuikProtect, Quikloc8 and Quiktrak product offerings.

QT EE 500 is suitable for



trucks



cars



motorbikes



machinery



trailers



boats

Features

- 24/7 live tracking with route optimisation
- Intelligent Multi Network Switching Sim – maximising coverage globally
- Playback reporting – Optimised, trail and raw displays
- Driver fatigue management
- Automated reporting
- Remote immobilisation (optional)
- Historical reporting
 - Activity and usage
 - Mileage and engine hours
 - Average fuel consumption
 - Trip and log book
 - Alarms and geofence
 - Overview
 - POI Reports - Fuel stations
- Google, opensource and street view mapping available
- Smartphone and website access – With multiple logins available
- 24-month hardware warranty
- Realtime alarm notifications via email, in-app or phone
 - Battery disconnection
 - Low battery
 - Overspeed – street speed limits
 - Ignition on and off
 - Shock/tilt
 - Impact
 - Negative input
- Geofencing
 - Route
 - Location/site
- Interval reminders
 - Engine service
 - Tyre service/rotation
 - Registration renewal
 - Insurance renewal
 - Custom reminders
- Online and phone support
- Online and phone theft recovery assistance

Device Specification

- **2G band: 850/900/1800/1900MHz**
 - < -107dBm @ 850/900MHz (Conducted)
 - < -101dBm @ 850/900MHz (OTA TIS)
 - < -106dBm @ 1800/1900MHz (Conducted)
 - < -103dBm @ 1800/1900MHz (OTA TIS)
- **3G band: W850/W1900/W2100MHz**
 - < -107dBm @ 850MHz (Conducted)
 - < -100dBm @ 850MHz (OTA TIS)
 - < -107dBm @ 1900MHz (Conducted)
 - < -100dBm @ 1900MHz (OTA TIS)
 - < -107dBm @ 2100MHz (Conducted)
 - < -100dBm @ 2100MHz (OTA TIS)
- **Voltage range**
 - 6V TO 36V
- **GPS**
 - L1-band (1.57542GHz)
- **Channels**
 - 210 PRN
 - 66 Search
 - 22 Simultaneous tracking
- **Sensitivity (UHS)**
 - Tracking: -165dBm
 - Reacquisition: -158dBm
 - Acquisition: -149dBm
- **Acquisition time**
 - Hot: <1.5s
 - Warm: <34s
 - Cold: <90s
 - Reacquisition: <1.0s
- **WAAS**
 - Position: <3m
 - Velocity: >0.1m/s
 - Acceleration: >0.1m/s²
 - Altitude: 18,000m (max)
 - Velocity: 515m/s (max)
 - Acceleration: 4G(max)
 - 32 Geo fences
 - 18x18x4mm patch antenna
- **Environment**
 - Temperature: -20 to 85° C Operation
 - Humidity: 20% to 90% Operation
 - Altitude: -500 to +18,000m

Wiring Diagram and Explanation

