

“ **Most Advanced** Vehicle Tracking
and **Anti-theft** System ”

 **TRAK**  **MATIC**



TM-500

SOS

SPY CALL

FUEL
MONITORING



TECHNICAL SPECIFICATIONS



| PARAMETER | SPECIFICATION |
|-------------------------|---|
| Memory | 12228 tracking records on solid state Flash, 100K Erase and Program Cycle, 10 year data retention. |
| GSM Module | Quad Band, GPRS: class10 Coding Scheme CS1 to CS4. Make/Model: <u>QUECTEL M35</u> |
| GPS Module | GPS: 66 acquisition-/ 22 tracking channels, Ultra high tracking/navigation sensitivity: - 165dBm 1, Inbuilt patch antenna, 5 Meters Accuracy. Make/Model: Ublox 7 |
| Antennas | External GSM/GPS Antennas |
| Communication Interface | TCP/IP on GPRS. TCP/IP on GPS. |
| Ports | 1 Rs232, 4 Analog I/O , 5 Digital Inputs, 5 Digital Outputs, 1 camera port, 1 mic/speaker port, 1 USB port, 1 SD card slot |
| Speed Sensor | GPS |
| SMS | Text Mode |
| GPRS | Packet Data Class 10 ; Class 8 (Optional), Coding Scheme CS1 to CS4 |
| LED Indication | GSM, GPS |
| Connectors | 16 Pin power mate connector |
| Power Supply | Wide DC input voltage range (9V - 40V) |
| Current Consumption | 300mA during tracking and 150mA during standby |
| Internal Battery | 900mah, 5 to 8 Hr backup |
| Enclosure | Metal case |
| Dimension (L x W x H) | 117 mm x 85 mm x 26 mm |
| Weight | 185 grams |
| FOTA | Not Available |
| Other Interfaces | Vibration Sensor |
| Geo Fencing | Rectangular Geo Fencing available |
| Certification | CE, ROHS |
| Features/accessories | Panic Button, Immobilizer, Fuel Monitoring, Central Lock |



FEATURES LIST



LIST OF FEATURES

| | TM-500 |
|--|--------------|
| Tracking through SMS / Website / Mobile App | YES |
| Get location real address via SMS | YES |
| Google Map link for location via SMS | YES |
| Door open /close status detecting | YES |
| Central Lock System - Operated by SMS / Website /Mobile App | YES |
| Remote controller for central lock | YES |
| Central Lock Accessories | YES |
| Keyless Entry system | YES |
| Equip with RFID kit for driver identification and auto ARM/Disarm | YES |
| Engine on/off detection | YES |
| Inbuilt Odometer | YES |
| Arm-9 high speed Microcontroller | YES |
| Internal position logging in GSM blind area | YES |
| Built in battery backup | 6 TO 8 HOURS |
| Remote engine cut off to stop the vehicle in safe condition(Immobilizer) | YES |
| Built in motion sensor for power and GPRS flow saving mode | YES |
| External Power Cut Alert | YES |
| Over speed alert | YES |
| AIR Condition on/off alert | YES |
| GEO Fence alert | YES |
| SOS panic button, SOS alert | YES |
| Suddenly accident / Massive impact alert | YES |
| Suddenly acceleration/Harsh breaking alert | YES |
| OIL leaking/refuel alert | NO |
| Voice calling support | 2 WAY |
| Taking Picture of your vehicle cabin using SMS or Mobile | YES |
| Smoke detection alert | OPTIONAL |
| Shock Sensor | YES |
| Diagnose your car | NO |
| Detects live engine load and tell you if the engine in good condition | NO |
| Detects coolant temperature and notify you when the temperature is high | NO |
| Calculate instant fuel usage and average fuel usage of your vehicle | NO |