

" **Most Advanced** Vehicle Tracking
and **Anti-theft** System "

 **TRAK**  **MATIC**  **IC**



TM-100

TRACKING

**WATERPROOF
(IP67)**

THEFT ALARM



TECHNICAL SPECIFICATIONS

 **TM-100**

| PARAMETER | SPECIFICATION |
|-------------------------|--|
| Memory | 10000 tracking records on solid state flash, 100K Erase and Program cycle, 10 years data retention |
| GSM Module | Quad Band, GPRS: class 12 |
| GPS Module | GPS: 66 acquisition-/ 22 tracking channels, Ultra high tracking/navigation sensitivity: - 165dBm1, Inbuilt patch antenna, 5 Meters Accuracy. Make/Model: MTK high sensitivity chip |
| Antennas | Internal antennas |
| Communication Interface | TCP/IP on GPRS. TCP/IP on GPS. |
| Ports | N/A |
| Speed Sensor | GPS |
| SMS | Text Mode |
| GPRS | Packet class 12; Coding scheme CS1 to CS4 |
| LED Indication | Processing, GSM , GPS(Hidden) |
| Connectors | 4 pin connector |
| Power Supply | Wide DC input voltage range (9V - 90V) |
| Current Consumption | 300mA during tracking and 150mA during standby |
| Internal Battery | 100 mAh Battery, 2 to 3 Hrs backup |
| Enclosure | Rugged IP 65* rated ABS Plastic |
| Dimension (L x W x H) | 73.8(L)x25.9(W)x12.2(H) mm |
| Weight | 26.6 g |
| Other Interfaces | --- |
| Geo Fencing | Polygonal Geofencing available |
| Certification | CE,ARAI CE |
| Features/accessories | --- |



FEATURES LIST

 **TM-100**

LIST OF FEATURES

TM-100

| | |
|--|--------------|
| Tracking through SMS / Website / Mobile App | YES |
| Get location real address via SMS | NO |
| Google Map link for location via SMS | YES |
| Door open /close status detecting | NO |
| Central Lock System - Operated by SMS / Website /Mobile App | NO |
| Remote controller for central lock | NO |
| Central Lock Accessories | NO |
| Keyless Entry system | --- |
| Equip with RFID kit for driver identification and auto ARM/Disarm | --- |
| Engine on/off detection | YES |
| Odometer | S/W-BASED |
| Arm-9 high speed Microcontroller | --- |
| Internal position logging in GSM blind area | YES |
| Built in battery backup | 2 TO 3 HOURS |
| Remote engine cut off to stop the vehicle in safe condition(Immobilizer) | NO |
| 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 | --- |
| GEO Fence alert | YES |
| SOS panic button, SOS alert | NO |
| Suddenly accident / Massive impact alert | NO |
| Suddenly acceleration/Harsh breaking alert | --- |
| OIL leaking/refuel alert | --- |
| Voice calling support | NO |
| Taking Picture of your vehicle cabin using SMS or Mobile | NO |
| Smoke detection alert | --- |
| Shock Sensor | --- |
| Diagnose your car | NO |
| Detects live engine load and tell you if the engine in good condition | --- |
| Detects coolant temperature and notify you when the temperature is high | --- |
| Calculate instant fuel usage and average fuel usage of your vehicle | NO |