

Bike/ATV/Trailer Tracker & Alarm System.

High end, Heavy duty, very low power, water proof, Tracker & Alarm system that is self powered with smart charging system.

Tracking

The location information is sent in real time via GPRS and can be used for fleet management .



Alarm

The unit has an internal Accelerometer to detect impact or tilt of the Bike and sends alarms via GPRS and SMS. The unit has GSM jamming detection.

The product includes:

- Siren output.
- Analog Input.
- Accelerometer.
- 6-36 Volts Supply.
- TCP/IP Connection.
- GPS status indicator.
- Low battery indicator.
- Remote Control. (Opt.)
- Network status indicator.
- LIN communication.(Opt.)
- Over The Air Programming .(OTA)
- Waterproof rugged case.
- Internal Data Logger.



Optional accessories:

- Wall attachment clip.



Hardware components

GSM:

Telit – GE865-QUAD.
Quad-band EGSM 850/900/1800/1900.
GPRS class 10. Built-in Antenna.
Integrated SIM Card reader.
Communication Method: TCP/IP over GPRS.
GPRS/SMS only. GPRS with Data logger .

GPS:

Telit– JUPITER SL869 V2.
GNSS standards and bands supported:
GPS L1, GLONASS L1, Galileo E1, BeiDou B1
Antenna – Internal.

RF:

433.78 Mhz

Electrical characteristics:

Charging Voltage: 36-6 V DC .
Current consumption: Standby mode < 1mA.
Backup Battery: Rechargeable Li-ion polymer
3.7V, 2000mA.

Temperature Range:

Normal Operation -20°C to +60°C.
Extreme Operation -30°C to +80°C.
Storage condition -30°C to +85°C.

Other characterizes:

Dimensions (H x W x L): (122mm) x (32-40mm) x (24mm).
Weight: 120 gram
Enclosure: Water proof Plastic case.(IP67)
Standards: CE, RoHS