

LC-100 (SOS)

GNSS & GPS Antenna

Internal High Gain Antenna

I/O

Digital Input: 1+1*, Digital Output: 1

Battery

250 mAh Li-Po 3.7V

Voltage Range

8-36V DC

BAND

2G (850/900/1800/1900MHz)

Memory

12,000 Log Packets



LC-100 is our Smart Vehicle Tracker with Internal High Gain GPS & GSM antennas. The device has one Digital Input which can be used for Ignition / AC / Door sense, etc., and one Digital Output which can be used for Vehicle Remote Immobilization.

ATLANTA SYSTEMS PVT. LTD.

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Telematics | IOT and Industrial IOT | Electric Vehicle Solutions | ADAS & DMS Solutions | Smart City Solutions



Key Features

| | |
|--------------------|--|
| I/O | Digital Input: 1+1*, Digital Output: 1 |
| GNSS & GPS Antenna | Internal High Gain Antenna |
| Indicators | 3 LED's (Power/Charging, GSM, GPS) |
| SIM | Micro SIM |
| Memory | 12,000 Log Packets |
| Peripheral | SOS / Panic Button |

Power

| | |
|---------------|-------------------|
| Voltage Range | 8-36V DC |
| Battery | 250mAh Li-Po 3.7V |

Navigation

| | |
|-----------------------|--------------------------------------|
| GNSS | GPS, GAGAN, QZSS, GLONASS |
| Channels | 22 Tracking / 66 Acquisition Channel |
| Sensitivity | -161dBm |
| Acceleration Accuracy | 0.1 m/s ² |
| Velocity Accuracy | 0.1 m/s |
| Hot Start | < 1sec |
| Warm Start | < 30sec |
| Cold Start | < 35sec |

Cellular Network

| | |
|---------------|--|
| Band | 2G (850/900/1800/1900MHz) |
| RF Power | Class 4 (2W@850/900MHz), Class 1 (1W@1800/1900MHz) |
| Data | GPRS : Multislot Class 12 |
| Coding Scheme | CS 1, 2, 3, 4 |

Operating Environment

| | |
|-----------------------|---|
| Working Current | Sleep mode < 5mA, Active mode < 100mA |
| Operating Temperature | -30°C to +80°C (without battery) -20°C to +70°C (with battery) |
| Humidity | 5% to 95% |

* SOS (Optional)

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