VEHICLE TRACKER

ATLANTA
Innovative IOT Solutions

EL-100

A smart vehicle tracking solution that has applications in multiple industries like logistics, insurance, telematics, etc. The device supports CAN communication and can log data even when no GSM connectivity is available.

Multiple I/O
Digital Input: 2, Digital Output: 2, Analog Input: 1, 1-RPM/1-Wire: 1*, CAN: 1, K-Line: 1

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

Memory
32MB

Bluetooth
5.0

Voltage Range
9-90V DC

GNSS & GSM Antenna
Internal High Gain Antenna

ATLANTA SYSTEMS PVT. LTD.

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M-135, 2nd Floor, Connaught Place, New Delhi - 110001

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

KEY FEATURES

I/Os	Digital Input: 2, Digital Output: 2(1 High , 1 Low), Analog Input: 1, 1-RPM/1-Wire: 1*, CAN: 1, K-Line: 1
GNSS & GSM Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GNSS, GSM)
USB	2.0 Micro USB
SIM	Micro SIM
Memory	32Mb
Bluetooth	5.0
CAN Support	All legislated OBD-II Protocols, Non-Legislated OBD Protocols & Heavy-Duty

POWER

Voltage Range	9-90V DC
Battery	120mAh Li-Po 3.7V

NAVIGATION

GNSS	GPS, GLONASS, BeiDou
Channels	22 Tracking/ 66 Acquisition Channel
Horizontal Position Autonomous	< 2.5m
SBAS	Supported
2 DRMS, Vertical	± 5m
Tracking Sensitivity	-161dBm
Re acquisition Sensitivity	-146dBm
Velocity	< 0.1m/s
Hot Start	< 1sec
Warm Start	< 30sec
Cold Start	< 35sec

CELLULAR NETWORK

Band	2G Band: 850/900/1800/1900 MHz
RF Power	Class 4 (2W@850/900MHz), Class 1 (1W@1800/1900MHz)
Coding Scheme	CS 1, 2, 3, 4
SMS	Point to point MO & MT, SMS cell broadcast

OPERATING ENVIRONMENT

Working Current	Sleep Mode < 2mA, Active Mode < 20mA @51V
Operating Temperature	-20 °C to +60 °C (With Battery), -30 °C to +80 °C (Without Battery)
Humidity	5% to 95% non-condensing at +40°C

Note- *- Feature mentioned is not the part of standard product.

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