

EL-100

Multiple I/O

Digital Input: 2, Digital Output: 2, Analog Input: 1,
1-RPM/1-Wire(Optional), CAN, K-line

GNSS & GPS Antenna

Internal High Gain
Antenna



Bluetooth
5.0

Voltage Range

9-90V DC

BAND

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

A smart vehicle tracking solution with Bluetooth connectivity 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.

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/Os	Digital Input: 2, Digital Output: 2, Analog Input: 1, 1-RPM/1-Wire(Optional), CAN, K-line
GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GPS)
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, BeiDou, GLONASS
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 (850/ 900/ 1800/ 1900MHz)
RF Power	Class 4 (2W@850/900 MHz), Class 1 (1W@1800/1900 MHz)
Coding Schemes	CS 1, 2, 3, 4
SMS	Point to Point MO & MT, SMS Cell Broadcast

Operating Environment

Working Current	Sleep Mode <25mA, Active Mode <200mA
Operating Temperature	-30°C to +70°C
Humidity	5% to 95% non-condensing at +40°C

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