ATLANTA
Innovative IOT Solutions
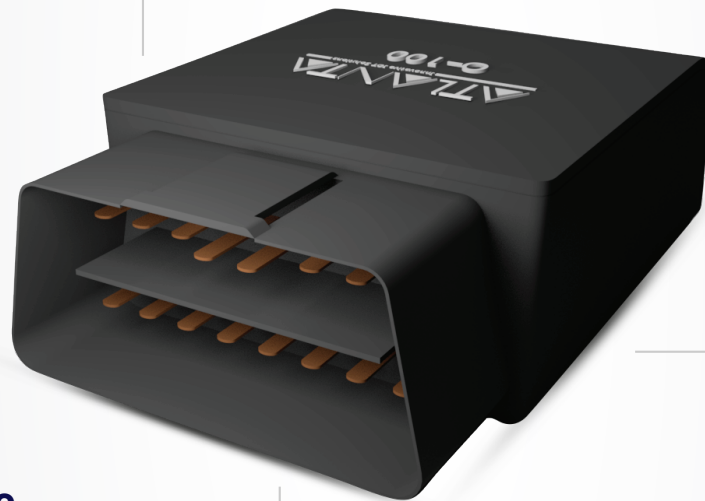
O-100

Communication Protocol
TCP / IP / UDP / FTP / HTTP

Battery
300 mAh Li-Po 3.7V

GNSS & GPS Antenna
Internal High Gain Antenna

Voltage Range
8-36V DC

Memory
6,000 Log Packets

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

The O-100 device gives you internal analytics of your car and its electronic components, which lets you know what is wrong and what needs to be fixed. By adding up an OBD device you can avoid unexpected breakdowns and stop worrying about what's wrong with the car. Get real-time updates on car health, monitor and improve driving behavior.

ATLANTA SYSTEMS PVT. LTD.

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Telematics | IOT and Industrial IOT | Electric Vehicle Solutions | Smart Parking Solutions | Smart City Solutions

Key Features

GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GPS)
USB	2.0 USB
SIM	Micro SIM
Memory	6,000 Log Packets

Power

Voltage Range	8-36V DC
Battery	300mAh Li-Po 3.7V

Navigation

GNSS	GPS, GLONASS, QZSS, BeiDou, GAGAN
Channels	22 Tracking / 66 Acquisition Channel
Sensitivity	-165dBm
Acceleration Accuracy	0.1 m/s^2
Velocity Accuracy	< 0.1m/s
Hot Start	< 1sec
Warm Start	< 30sec
Cold Start	< 31sec

Cellular Network

Band	2G (850/900/1800/1900MHz)
RF Power	Class 4 (2W@850/900MHz), Class 1 (1W@1800/1900MHz)
Data	GPRS Multislot Class, Coding Scheme CS 1, 2, 3, 4
Communication Protocol	TCP / IP / UDP / FTP / HTTP

Operating Environment

Working Current	Sleep mode < 5mA, Active mode < 125mA
Operating Temperature	-30^{0}C to +80^{0}C
Humidity	5% to 95%

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