VEHICLE TRACKER

ATLANTA
Innovative IOT Solutions

O-300

Non-Legislated OBD Protocol
ISO 15765, ISO 11898 (RAW CAN), SAE J1939

Legislated OBD-II Protocol
ISO 15765-4, ISO 14230-4, ISO 9141-2,
SAE J1850 VPW, SAE J1850 PWM

Battery
300 mAh Li-Po 3.7V

Voltage Range
8-36V DC

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

GNSS & GPS Antenna
Internal High Gain Antenna

OBD-300 is an advanced device that is specifically designed not only to receive the CAN bus data but also to share it on a server in real-time. It is an IP-65 rated device that can read all the parameters coming from ECU via CAN port.

ATLANTA SYSTEMS PVT. LTD.

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Key Features

GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GPS)
USB	2.0 Micro 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
Legislated OBD-II Protocol	ISO 15765-4, ISO 14230-4, ISO 9141-2, SAE J1850 VPW,
	SAE J1850 PWM
Non-Legislated OBD Protocol	ISO 15765, ISO 11898 (RAW CAN), SAE J1939
Communication Protocol	TCP / IP / UDP/ FTP / HTTP

Operating Environment

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

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