

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

Parking Sensor: ATLANTA has devised a parking occupancy device that uses a precisely calibrated magnetic sensor backed by 5+ years of battery life and IP-67 Casing with a robust design to withstand the temperature, vehicle load, and heavy down-pour. It follows the effective communication channel 'LoRaWAN'.

ATLANTA SYSTEMS PVT. LTD.

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Key Features

GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	4 LED's (MCU, Charging, GSM, GPS)
SIM	Micro SIM
Memory	6,000 Log Packets
Device Mounting	Magnetic Mounting

Power

Voltage Range	5V DC
Battery	19,000mAh Li-Po 3.7V

Navigation

GNSS	GPS, QZSS, BeiDou, GAGAN
Channels	33 Tracking / 99 Acquisition Channel
Sensitivity	-167dBm
Acceleration Accuracy	0.1 m/s ²
Velocity Accuracy	0.1 m/s
Hot Start	< lsec
Warm Start	< 22sec
Cold Start	< 28sec

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	Sleeping mode < 5mA, Active mode < 125mA
Operating Temperature	-10°C to +75°C
Humidity	5% to 95%

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