

WP-40G

GNSS & GPS Antenna

Internal High Gain Antenna

Multiple I/O

Digital Input: 4, Digital Output: 2*, RS232: 1, Analog Input: 1, Pulse Counter: 1, 1-Wire: 1

Battery

1000mAh Li-Po 3.7V



Memory

16GB SD Card & 4MB Flash

Voltage Range

8-39V DC

BAND

4G Band FDD: B1/B3/B7/B8/B20/B28, TDD: B38/B40/B41, 2G Bands: Dual Band (900/1800MHz)

WP-40G is an advanced vehicle tracker for automobiles and Heavy Commercial Vehicles (HCV); It is significantly designed to provide tracking accuracy of fewer than three meters and enabled with high gain active antennas all sealed with robust IP67 casing to make it durable for harsh conditions. Able with multiple Digital Inputs, Digital Outputs, Analog Inputs, Serial Ports, and 1-Wire communication makes it capable of connecting with multiple peripherals.

ATLANTA SYSTEMS PVT. LTD.

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Key Features

I/Os	Digital Input: 4, Digital Output: 2*, RS232: 1, Analog Input: 1, Pulse Counter: 1, 1-Wire: 1
GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	3 LED's (Charging, GSM, GPS)
SIM	Micro SIM
Memory	16GB SD Card & 4MB Flash

Power

Voltage Range	8-39V DC
Battery	1000mAh 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	0.1 m/s
Hot Start	< 1sec
Warm Start	< 30sec
Cold Start	< 31sec

Cellular Network

Band	4G Bands FDD: B1/ B3/ B7/ B8/ B20/ B28, TDD: B38/ B40/ B41 2G Bands: Dual Band (900/ 1800MHz)
RF Power	Type B, Class 12 Max. 85.6 Kbps (Uplink/Downlink)
Data	Supports GPRS Multi-Slot Class 12 Coding Scheme: CS 1, 2, 3, 4 Max. 85.6 Kbps (DL), Max. 85.6 Kbps (UL)
Communication Protocol	TCP/ UDP/ PPP/ NTP/ NITZ/ FTP/ HTTP/ PING/ CMUX/ HTTPS/ FTPSSL/ FILE/ MQTT/ MMS /SMTP/ SMTPS.

Operating Environment

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

*Optional

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