

TC-400

The TC-400 is a basic 4G electric vehicle tracking device with 2G fallback and Bluetooth connectivity. It features high-gain internal GNSS and GSM antennas, along with a dependable integrated battery backup for continuous real-time monitoring and operational efficiency. This versatile tracker also includes two digital inputs and one digital output, meeting a wide range of user requirements. Additionally, it offers one ADC input for seamless integration with diverse analog sensors, enhancing its functionality as a comprehensive vehicle tracking solution.



FEATURES

I/O

Digital Input: 2, Digital Output: 1,
Analog Input: 1

Voltage Range

9-90V DC

GNSS & GSM Antenna

Internal High Gain
Antenna

Bluetooth

BLE 5.0

Battery

120mAh Li-Po 3.7V

BAND

4G: B1,3,5,8,40,41

ATLANTA SYSTEMS PVT. LTD.

+91 9990333888 / +91-11-49039700(100 Lines) enquiry@atlantasy.com www.atlantasy.com

M-135, 2nd Floor, Connaught Place, New Delhi - 110001

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KEY FEATURES

I/Os	Digital Input: 2, Digital Output: 1, Analog Input: 1
GNSS & GSM Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GNSS)
USB	2.0 Micro USB
SIM	Micro SIM
Memory	27,000 Log Packets
Bluetooth	5.0

POWER

Voltage Range	9-90V DC
Battery	120mAh Li-Po 3.7V

NAVIGATION

GNSS	GPS, GLONASS, BeiDou
Channels	22 Tracking/ 66 Acquisition Channel
Horizontal Position Autonomous	<2.5m CEP
SBAS	Supported
2 DRMS, Vertical	± 5m
Tracking Sensitivity	-163dBm
Reacquisition Sensitivity	-148dBm
Velocity	<0.1m/s
Hot Start	< 1sec
Warm Start	< 30sec
Cold Start	< 35sec

CELLULAR NETWORK

Band	4G: B1,3,5,8,34,38,39,40,41, 2G: 900/ 1800MHz
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	-20 °C to +60 °C (With Battery), -30 °C to +80 °C (Without Battery)
Humidity	5% to 95% non-condensing at +40°C

PHYSICAL SPECIFICATION

Dimension	87 x 44 x 14.1 mm (L x B x H)
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