

# VT-100

## GNSS & GPS Antenna

Internal High Gain Antenna

## Multiple I/O

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

## Battery

1000mAh Li-Po 3.7V

## Voltage Range

8-100V DC

## BAND

4G Band: TDD-LTE: B38/B40/B41, FDD-LTE: B1/B3/B5/B7/B8/B20  
2G Band: GSM DUAL BAND (900/1800MHz)

## Memory

50,000 Log Packets



It is an especially designed multipurpose device with 4G (LTE Cat M1) network coverage including 2G fallback compatibility. The device is equipped with BLE, LTE modules, and internal GNSS & LTE antennas. The Dual-SIM feature provides a backup communication channel where the coverage of a singular operator is not sufficient.

## ATLANTA SYSTEMS PVT. LTD.

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



## Key Features

I/Os	Digital Input: 4, Digital Output: 2, Analog Input: 2, 1-Wire: 1, RS232: 1
GNSS & GPS Antenna	Internal High Gain Antenna
Indicators	4 LED's (Power, Charing, GSM, GPS)
USB	Micro USB
Memory	50,000 Log Packets

## Power

Voltage Range	8-100V DC
Battery	1000mAh Li-Po 3.7V

## Navigation

GNSS	GPS, GLONASS, BeiDou
Channels	22 Tracking / 66 Acquisition Channel
Sensitivity	-159dBm
Accuracy	< 2.5m
Warm Start	< 30sec
Cold Start	< 35sec

## Cellular Network

4G Band	TDD-LTE: B38/B40/B41, FDD-LTE: B1/B3/B5/B7/B8/B20
2G Band	GSM DUAL BAND (900/1800MHz)
RF Power	Type B, Class 12 Max. 85.6 Kbps (Uplink/Downlink)
Communication Protocol	TCP / IP / FTP / HTTP
Bluetooth	BT4.0, BLE PROFILE: GATT/PXP/FMP,BT3.0 PROFILE: SPP/HFP-AG

## Operating Environment

Working Current	Sleep mode < 25mA, Active mode < 200mA
Operating Temperature	-30°C to +80°C
Humidity	5% to 95%

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