

# L-100

## Multiple I/O

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

## GNSS & GPS Antenna

Internal High Gain  
Antenna

## Battery

250mAh Li-Po 3.7V



## Voltage Range

8-36V DC

## BAND

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

## Memory

6,000 Log Packets

L-100 is an advanced tracker with internal GPS & GSM antennas & battery. L-100 efficiently covers industries like Logistics, Delivery transport, and more. It can work with a 1-wire interface which is extensively used in Refrigerated Transport applications.

## 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: 4, Digital Output: 1, Analog Input: 1, 1-Wire: 1
GNSS & GSM Antenna	Internal High Gain Antenna
Indicators	3 LED's (Power, GSM, GNSS)
USB	2.0 Micro USB
SIM	Micro SIM
Memory	6,000 Log Packets
Peripheral	1-Wire i-button, 1-Wire Temperature Sensor

## Power

Voltage Range	8-36V DC
Battery	250mAh Li-Po 3.7V

## Navigation

GNSS	GPS, GLONASS, AGPS, QZSS, GAGAN
Channels	22 Tracking / 66 Acquisition Channel
Horizontal Position Autonomous	< 2.5m
SBAS	Supported
2 DRMS, Vertical	± 5m
Tracking Sensitivity	-165dBm
Re acquisition Sensitivity	-160dBm
Velocity	< 0.1m/s
Hot Start	< 1 sec
Warm Start	< 30 sec
Cold Start	< 35 sec

## Cellular Network

Band	850/900/1800/1900 MHz
RF Power	Class 4 (2W@850/900MHz), Class 1 (1W@1800/1900MHz)
Coding Scheme	CS 1, 2, 3, 4
SMS	Point to point MO & MT, SMS cell broadcast

## Operating Environment

Working Current	Sleep Mode < 5mA, Active Mode < 125mA
Operating Temperature	-20 °C to +60 °C (With Battery), -30 °C to +80 °C (Without Battery)
Operating Humidity	5% to 95% non-condensing at +40 °C
Ingress Protection Rating	IP54

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