



# ATL100

## Advanced Temperature Data Logger

Accurate Monitoring of Environmental Conditions



 CATM1/NB2 with 2G Fallback

 IP64 Rating

 Rechargeable Battery

 Real-time Monitoring

 Flight Mode

 Temperature Alarm

 BLE 5.1



COLD CHAIN



GOODS DELIVERY




TEMPERATURE  
MONITORING

ATL100 is an Assistant Telematics temperature data logger with a rechargeable battery. The device features built-in internal temperature and humidity sensors, GNSS, and a G-sensor for tilt alarm, crash alarm, and flight mode.

Additionally, it supports an external 1-Wire temperature sensor for more precise temperature monitoring.



 95 (L) x 60 (W) x 22 (H) mm

 109 g

### General Specifications

Network	CatM1, CatNB2, EGPRS
GNSS (Optional)	GPS, GLONASS, BDS, Galileo and QZSS
BLE	Bluetooth 5.1
Battery	Li Polymer 1800 mAh rechargeable
Operating Voltage	3.7 V
Operating Temperature	-20°C to +60°C
IP Rating	IP64
Standby Time	More than 30 days Based on: 1) G-sensor, light sensor, temperature and humidity sensor, barometer sensor always on 2) GNSS off 3) Every 5 minutes store sensor data and 20 minutes report

### Interface Description

LED Indicator	LTE Indicator LED Power Indicator LED GNSS Indicator LED
Type C Interface	Used for upgrading, support external 1-wire temperature sensors

### EGPRS Specifications

Data Transmission	EDGE: (DL)296 kbPs/(UL) 236.8 kbps GPRS: (DL) 107 kbps/(UL) 85.6 kbps
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### Network

2G	EGPRS 850/900/1800/1900MHz
LTE Cat M1	TE FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B25/B26/B27/B28/B66/B85
LTE Cat NB2	LTE FDD: B1/B2/B3/B4/B5/B8/B12/B13/ B18/B19/B20/B25/B28/B66/B71/B85

### Sensor Accuracy

Light Sensor	±10%
Temperature Sensor	0°C to 60°C: ±0.4°C <0°C: ±1°C
Humidity Sensor	±5%
Barometer Sensor	±0.2 kPa

### Features

CELL	LBS
TH Sensor	Temperature & Humidity data store and report
Light Sensor	Light detection
Motion Sensor	Motion detection/Tilt detection/Crash detection/Fall detection
Flight Mode	Two ways flight mode detection, motion sensor and barometer
Transmit Protocol	TCP/UDP
Regular Timing Report	Regularly report location/TH value/Event/G-sensor value/ Battery level/CSQ/Light/Network type
Battery	Lower battery alarm
Remote Control	TOTA and OTA management

### Certification

CE, EN 12830:2018, EN 13486:2023