

# LOGISTIMATICS

We track everything.®



## Mobile-310

Long-term GPS asset tracker operating on the 3G T-Mobile & AT&T cellular network.

Ultra-low power mode enables up to 5 years operation at one location report per day.

Operates on the T-Mobile & AT&T networks in the USA and roams internationally.



## Reporting Modes

### Scheduled Timing Report:

Report a preset time intervals

### Low Power Report:

Alarm when internal battery is low

### Power Saving Report:

Long standby time

### Continuous Report:

Emergency tracking

### Check-in Report:

Alive check, does not send location info

**Tracking Hours:** 80 hours (GPS always ON)

### Removal Report:

When device is removed from mount

## Interfaces / Antennas

### Power Button:

Power on/off

### LED Indicator:

Red: status

### LTE Cellular Antenna:

Internal only

### GSM/GPS Antenna:

Built-in quad band GSM antenna, GPS dual-mode antenna

### Mounting:

Magnetic mounting built into case

## Specifications

### Standby Time:

1GPS report per day = up to 5 years

### Size:

93.0 mm (L) x 58.0 mm (W) x 22.0 mm (H)

### Weight:

160g (5.64 oz)

### Operating Temperature:

-20°C ~ 70°C

### Operating Network / Bands:

2G, 3G

2G GSM/GPRS 850/900/1800/1900 MHz

### Sensors:

Removal sensor

Temperature

**Tamper Switch:** 1 for base falling detection

### Battery:

Non-rechargeable. Replaceable.

5400mAh /3.6V lithium battery

**Working Voltage/Current:** 7-18VDC

**Waterproof Rating:** IPX5

**Certifications:** FCC, Verizon, AT&T

## GPS Specifications

**GPS Chipset:** MTK high sensitivity chip

**Frequency:** GPS L1, 1575.42MHz

**GPS Channel:** 32

**Location Accuracy:** <10 meters

**Tracking Sensitivity:** -162dBm

**Acquisition Sensitivity:** -148dBm

**TTFF (open sky):**

Avg. hot start≤1sec

Avg. cold start≤35sec

## GSM Specifications

### GSM Frequency:

GSM850/GSM900:33±3dBm

WDCMA 850/900/1900/2100MHz

**Communication System:** GSM

**GPRS:** Class 12, TCP/IP

**Receive Sensitivity:** Class II, RBER2%(-102dBm)

**Memory:** 32+32Mb

**Phase error:** RMSPE<5,PPE<20

**Max Output:**

GSM850/GSM900:33±3dBm

GSM1800/GSM1900:33±3dBm

±0.1ppm