



## Mobile 460 Protect Plus

With low power consumption and optimized data transmission. Mobile 460 (Protect Plus) series allows you to track and locate any asset, The internal 10,000 battery enables a long-term battery life of up to 3 years. Tamper detection alerts you should the device be removed from the asset, giving you peace of mind that your assets are protected. You can install the Mobile 460 on all of your assets with the convenient magnetic design.



## GSM Specifications

**GPRS:**

Class 12, TCP/IP

**Memory:**

32+32Mb

**Phase Error:**

RMSPE<5,PPE<20

**Max Output:**

GSM 850/GSM 900:33±3dBm

GSM 1800/GSM 1900:30±3dBm

**Max Frequency Error:**

±0.1ppm

## LTE Specifications

**Operating Bands:**

LTE Cat-M1/NB2:

B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B26/B28  
/B66

**Data Transmission:**

LTE Cat M1: Max. 588kbps (DL), Max. 1.119Mbps (UL)

LTE Cat NB2: Max. 127kbps (DL), Max. 158.5kbps (UL)

EGPRS: Max. 296kbps (DL), Max. 236.8kbps(UL)

## GPS Specifications

**GPS Chipset:**

MTK high sensitivity chip

**Frequency:**

L1,1575.42MHz C/A code

**GPS channel:**

66

**Location Accuracy:**

<10 meters

**Tracking Sensitivity:**

-165dBm

**Acquisition Sensitivity:**

-148dBm

**TTFF (open sky):**

Avg. hot start≤1sec

Avg. cold start≤40sec

## Interfaces / Antennas

**Cellular Antenna:**

Internal only

**GNSS antenna:**

Internal patch antenna

**LED Indicators:**

CEL,PWR

**Micro USB Interface:**

Used for charging and debugging

## Others

**Battery:**

10000 mAh, 3.7V Li-Polymer battery

**Operating Temperature:**

-20°C to +70°C

**Device Dimension:**

109 X 61 X 30.5mm

**Device Weight:**

29

**Operating Voltage:**

4.5V-5.5V DC