Fueling your fleet with intelligence.

LL01
LTE Battery Powered Asset Tracker
INSTALL GUIDE

FLEETHOSTER
FUELING YOUR FLEET WITH INTELLIGENCE

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Prior to installing, review and adhere to the following items.

1. Determine the optimal mounting location of device ensuring that it will not interfere with any moving parts or affect the safety or operation of the asset.
2. Devices are to be mounted securely with a clear line of sight of the sky for better GPS accuracy.
  - Keep a clear view in several directions.
  - Walls, vehicle roofs, tall buildings, mountains, and other obstructions can block line of sight to GPS satellites.
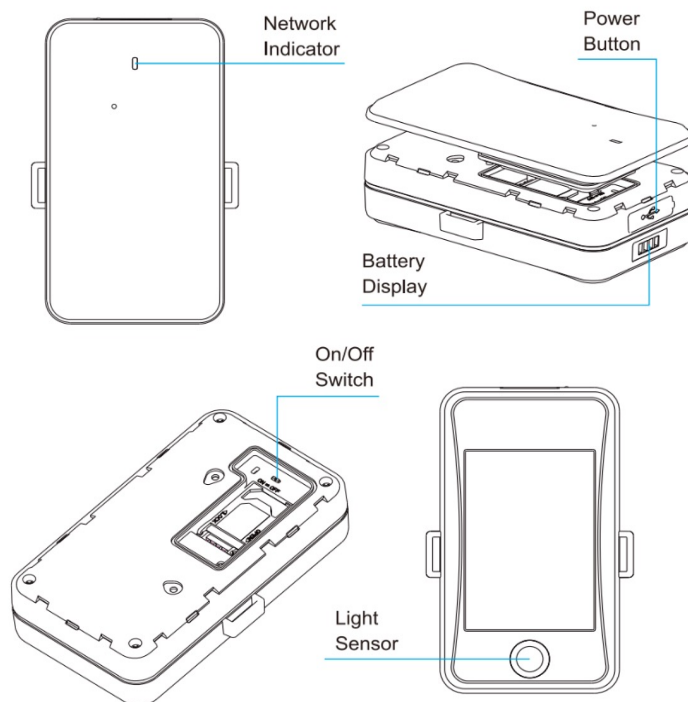
MOUNTING INSTRUCTIONS

1. Select a location to mount the device.
2. Device will utilize embedded magnets to safely secure to the asset.
3. Zip ties and 3M double sided tape can be used for additional mounting support.
4. Be sure light sensor is fully covered against asset to avoid false tampering.
5. Be certain to ensure the device's power switch is in the "ON" position before mounting.
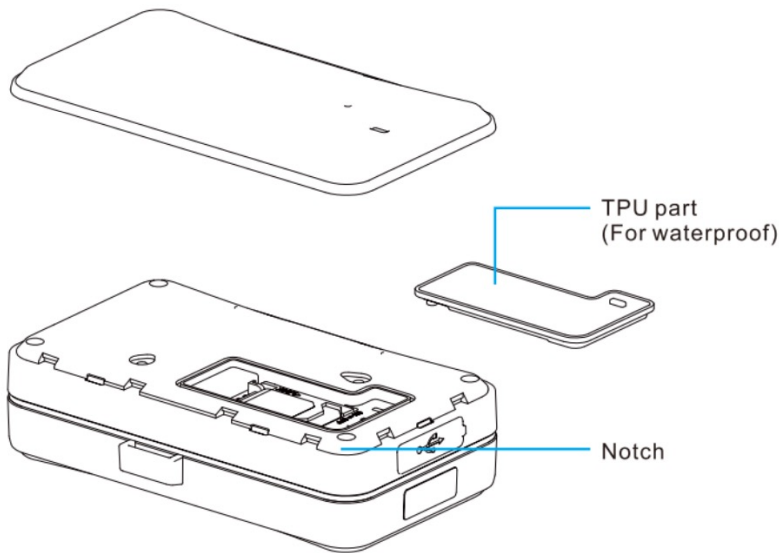
IMPORTANT: NETWORK AND GPS ACCURACY

1. Metal can block GPS signals from the satellites and this can significantly reduce the quality of tracking data.
2. Avoid mounting the device facing or inside the assets metal frame.
3. Avoid mounting the device under heavy metal or near fuse distribution center is as this may reduce range of cellular transmission
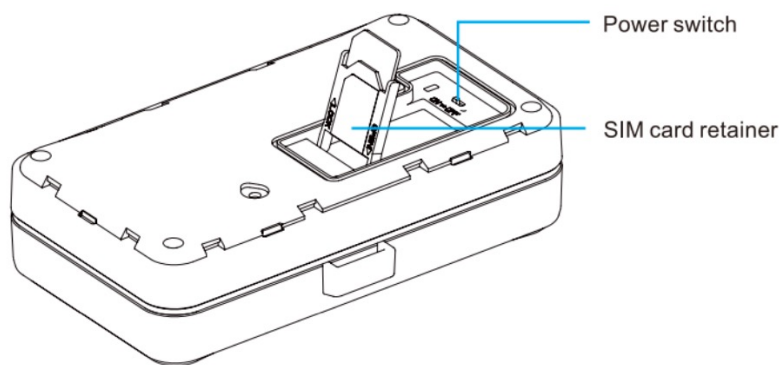
PRODUCT OVERVIEW

Network Indicator

Power Button

Battery Display

On/Off Switch

Light Sensor

PRODUCT SETUP

TPU part
(For waterproof)

Notch

1. Find the notch and remove the upper cover and TPU part.

Power switch

SIM card retainer

2. Slide the retainer backward and rotate it up, and insert SIM card into it, then rotate it down and slide it frontward.

3. Toggle the power switch to ON.
4. Return the TPU part and the upper cover.
5. Hold and press the power button (near battery display) to power on/off the device at your will.

Insert SIM

Find the notch and remove the cover.
Insert the SIM card into the card slot.

Initial use

Toggle the battery switch besides the SIM slot to ON position.

Power on & off

Hold and press the power button on one side of the device to power on or off the device.

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NETWORK INDICATOR

Network Indicator	Network Status
Flicker slowly (0.2s on/ 1.8s off)	No Sim/Network searching
Flicker slowly (1.8s on/ 0.2s off)	Idle
Flicker quickly (0.12s on/ 0.12s off)	Data transfer is ongoing

Note: The LED goes off 3 minutes later after the device is turned on. The LED will light up by short pressing the power button of the device in the power-on state and go off after 60 seconds

POWER LED

Under voltage	
0–25%	
25-50%	
50-75%	
75-100%	

Note: The power LED goes off 3 minutes later after the device is turned on. The power LED will light up by short pressing the power button of the device in the power-on state and go off after 20 seconds.

SPECIFICATIONS

GSM	B5(850MHz)/B2(1900 MHz) B8(900MHz)/B3(1800MHz)
LTE	B1/B2/B3/B4/B5/B8/B12/B13/B18/ B19/B20/B26/B28/B66
TTFF (open sky)	Avg. Cold start: <40sec; Avg. Hot start: <1sec
Location accuracy	< 10m
Dimension	109 X 61 X 30.5mm
Weight	297g
Battery	10000 mAh, 3.7V Li-Polymer battery
Operating Temperature	-20°C to +70°C
Transmit Protocol	TCP

TROUBLESHOOING

Type	Use
Unable to connect to tracking platform	Check the APN and IP settings. Check whether the data service of SIM card is enabled. Check the balance of SIM card.
Tracker shows offline	Check if the device entered network blind area. Check the balance of SIM card.
Unable to locate	Make sure the top side facing upward without metallic things shielded. Make sure it's not in area with no satellite coverage.
Unable to boot	Make sure the switch is in "ON" position. Check whether the battery is exhausted. Check whether the SIM card is inserted.
No command reply	Make sure command format is correct. Vehicle may be in network blind area.