

SUPER LONG BATTERY LIFE ASSET TRACKER

TLP1-LF is a premium asset tracking device for wide ranging applications

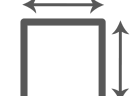
LTE & GSM TLP1-LF 4G

LTE Cat-M1(eMTC)/Cat-NB1(NB-IoT) and GSM assets tracking devices for wide ranging applications

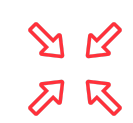


 210g (7.4oz)

 -20°C ~ +60°C
(-4°F ~ 140°F)

 69.3mm*143mm*24.8mm
(2.72" *5.63" *0.98")

 Non-rechargeable
8100 mAh/3.6V Li battery

-  Compact Size
-  Easy Installation
-  Waterproof
-  Firmware Over the Air
-  Built-in Light Sensor
-  Motion Detection
-  Low Battery Alarm
-  Removal Alert
-  Super Long Battery Life
-  Data Security (MD5/AES)
-  MQTT Support

Standby Time

Every 24 Hrs Reporting		5 Years
Every 12 Hrs Reporting		3 Years
Every 2 Hrs Reporting		1 Year

Max every 5 mins reporting in recovery mode

Trailer Tracking



Container Tracking



Freight Transport



LTE TLP1-LF SPEC

Network/Operating Band	
Operating Band	FDD: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28 TDD: B39 (Cat M1 only) EGPRS 850/900/1800/1900MHz
Data Transmission	eMTC: Max. 300Kbps (DL), Max. 375Kbps (UL) NB1: Max. 32Kbps (DL), Max. 70Kbps (UL) EDGE: Max. 296Kbps (DL), Max. 236.8Kbps (UL) GPRS: Max. 107Kbps (DL), Max. 85.6Kbps (UL)
GNSS Specifications	
GNSS Chipset	Qualcomm Gen 8C GNSS receiver
Parallel GNSS	GPS+Glonass+Galileo+Beidou
Receiver Type	33 tracking / 99 acquisitions- channel GNSS receiver
Sensitivity	Cold start: -149 dBm Tracking: -163 dBm
Position Accuracy (CEP)	Autonomous < 2m
Standalone TTFF	Cold start: < 29s Warm start: < 27s Hot start: < 1s
Interfaces	
Charging and Data Transmission	4 Pin port with magnet
Network, GNSS Antenna	Internal only
Indicator LED	Network, GNSS and Battery
FOTA	Yes
Physical Power Switch	1
Light Sensor	1 back light sensor
Temperature Sensor	1 temperature sensor
General Specifications	
Waterproof	IP67
Dimensions	69.3mm*143mm*24.8mm (2.72" *5.63" *0.98")
Weight	210g (7.4oz)
Battery	Non - rechargeable 8100 mAh/ 3.6V Li battery
Standby Time	1 Year @ every 2 Hrs Reporing 3 Years @ every 12 Hrs Reporing 5 Years @ every 24 Hrs Reporing Max every 5 mins reporting in recovery mode
Data Communication	Magnetic USB cable
Operating Temperature	-20°C ~ +60°C (-4°F ~ 140°F)
Mounting	Magnet/Screw
Air Interface Protocol	
Transmit Protocol	TCP, UDP, MQTT, SMS
Data Security & Encryption Option	MD5/ AES256
Scheduled Timing Report	Report position and status at preset intervals
Geo-fence	Support up to 64 internal geo-fence regions
Vibration Detection	Vibration alarm based on internal 3-axis accelerometer
Removal Alarm	Sending alarm when the light sensor detecting the light changing

