

Long Life Battery Robust GPS Asset Tracker for Outdoor Uses

WarriorX 100 4G

Robust and waterproof standalone asset tracker



- 4G CAT 1 + 2G
- Compact Size
- IP67 Waterproof
- Robust Structure for Outdoor
- Super Long Life Battery
- Low Battery Alarm
- MQTT Support
- Tamper Alert
- Stolen Recovery Mode
- GPS → Wifi Scan → LBS

| 160g (5.65 oz)

| 82.8 × 66.9 × 35.7 mm (3.26" × 2.63" × 1.4")

| -30°C ~ +80°C (-22°F ~ 176°F)

| Replaceable 4000/8000 mAh Battery (Optional)

Certificates (Completed):

CE FC CITC TDRA NBTC

*Please reach out to us if you need any certificates in particular

Standby Time

(One Report per Day, 19000 mAh/3.6V)

GPS off	17 years
GPS on	15 years

*Assumes the device operates on LTE Cat1, with CSQ greater than 15, ambient temperature of 25'C and without working with any sensors.

Battery life in different environment varies.
Refer to Battery Calculator for more details.

Container Tracking



Equipment Tracking



Trailer Tracking



PRODUCT SPECIFICATIONS

Network Specifications	
Operating Band	LTE FDD Cat 1:B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B66 LTE TDD Cat1: B34/B38/B39/B40/B41 GSM:850/900/1800/1900 MHz
Data Transmission	LTE-FDD: Max.10Mbps (DL), Max.5Mbps (UL) LTE-TDD: Max.8.96Mbps (DL), Max.3.1Mbps (UL) GPRS: Max.85.6Kbps (DL), Max.85.6Kbps (UL)
GNSS Specifications	
GNSS Chipset	All-In-One GNSS Receiver
GNSS System	GPS+ Glonass+ Beidou + Galileo +QZSS
Receiver Type	47 tracking/ 47 acquisitions- channel GNSS receiver
Sensitivity	Acquisition: -148 dBm Tracking: -161 dBm Reacquisition: -158 dBm
Horizontal Position Accuracy	Autonomous: <1.5 m CEP
TTFF @ -130 dBm with (without) EASY™	Cold Start: < 20s (30s) Warm Start: < 2 (2s) Hot Start: < 2s (2s)
Interfaces	
Antenna	Internal only
Indicator LED	Network and GNSS, internal
FOTA	Yes
Temperature Sensor	1 temperature sensor (internal)
Tracker Configuring	Type-C Connector, OTA commands.
General Specifications	
Waterproof	IP67
Dimensions	82.8mm*66.9mm*35.7mm (3.26"*2.63"*1.40")
Weight	160g (5.65oz)
Battery	Non-rechargeable 4000mAh/3.0V battery (8000mAh Battery Optional)
Standby Time *Assumes the device operates on LTE Cat1, with CSQ greater than 15, ambient temperature of 25C and withoutworking with any sensors.	0.5 Year @every 2 hrs reporing & temperature = 25℃ 2 Years @ every 12 hrs reporing & temperature = 25℃ 3 Years @ every 24 hrs reporing & temperature = 25℃
Data Communication	Type-C USB cable
Operating Temperature	-30℃~80℃(-22℉~176℉)
Air Interface Protocol	
Transmit Protocol	TCP, UDP, MQTT, SMS
Data Security & Encryption Option	MD5/AES128
Scheduled Timing Report	Report position and status at preset intervals
Geo-fence	Support up to 64 internal geo-fence regions
Industry Certificates (Completed)	
CE, FCC, RCM, IP67, CITC, TDRA, NBTC	