

Long Life Battery Robust GPS Asset Tracker for Outdoor Uses

WarriorX 300 4G

Robust and waterproof standalone asset tracker



- 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):

FC IC PTCRB AT&T T-Mobile U.S.Cellular

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

- 4G CAT-M1 + 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

Standby Time

(One Report per Day)

GPS off	4.4 years
GPS on	3.3 years

*Assumes the device operates on LTE Cat-M1, with CSQ greater than 15, ambient temperature of 25℃ 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 M1: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85 LTE FDD Cat NB2: B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85 GSM/EDGE: 850/900/1800/1900 MHz
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	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) EPO	Cold start: <29s Warm start: <27s Hot start:< 1s
Interfaces	
Data Transmission	4 Pin port Type-C USB
Network, GNSS, WiFi Antenna	Internal only
Indicator LED	Network, GNSS
FOTA	Yes
Temperature Sensor	1 temperature sensor
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 Cat-M1, with CSQ greater than 15, ambient temperature of 25℃ and withoutworking with any sensors.	0.35 Year @ every 2hrs reporing & temperature = 25℃ 1.94 Years @ every 12 hrs reporing & temperature = 25℃ 3.5 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)	
FCC, IC, PTCRB, AT&T, US.Cellular, T-mobile	