

Long Life Battery Robust GPS Asset Tracker for Outdoor Uses

WarriorX 300 4G

Robust and waterproof standalone asset tracker with up to 4.4 years battery life



| 160g (5.65oz)

| 82.8mm*66.9mm*35.7mm
(3.26" *2.63" *1.40")

| -30°C~80°C
(-22°F~176°F)

| Replaceable 4000/8000mAh Battery
(optional)

Certificates (planned)



*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
- Stolen Recovery Mode
- Low Battery Alarm
- MQTT Support
- Temper Alert
- Replaceable Non-rechargeable Battery

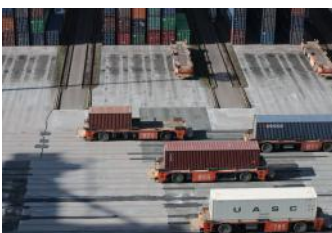
Standby Time

(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°C and without working with any sensors.*

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	Cold Start: < 5s (30s) Warm Start: < 2s (25s) Hot Start: < 1s (1s)
Horizontal Position Accuracy	Autonomous: < 1.5 m CEP
TTF@ -130 dBm with (without) EPO	Cold start: < 29s Warm start: < 27s Hot start: < 1s
Interfaces	
Data Transmission	4 Pin port TypeC 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 4000 mAh/3.0V battery (8000mAh Battery Optional)
Standby Time	0.35 Year @ every 2hrs reporting & temperature = 25°C 1.94 Years @ every 12 hrs reporting & temperature = 25°C 3.5 Years @ every 24 hrs reporting & temperature = 25°C <small>*Assumes the device operates on LTE CAT-M1, with CSQ greater than 15, ambient temperature of 25°C and without working with any sensors.</small>
Data Communication	TypeC USB cable
Operating Temperature	-30°C ~ 80°C (-22°F ~ 176°F)
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 (planned)	