Verizon Global Asset Tracker

Overview

Solving business challenges is tough enough without having to figure out complex sensor solutions. Get right to the data you need to solve those challenges with the Verizon Global Asset Tracker. The solution is built to tackle many different IoT use cases from tracking a mobile asset to monitoring an indoor environment.







Verizon Global Asset Tracker

Specifications

Wire	229	communications
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LTE Cat-M1 Global

Location services

GPS...... GPS 1575.42 MHz (L1)

Cellular Cell ID

Certifications

Regulatory (i.e. FCC, CE) FCC: Part 15,22,24

Cellular Verizon Open Development Certified

Interfaces

Power Micro-USB

Indicator/Buttons

Physical characteristics

Grade Industrial

Environmental

Operational temperature-20°C – 60°C

Storage temperature-20°C – 75°C

Humidity......<95% non-condensing

Sealing.....IP67



Verizon Global Asset Tracker

Specifications

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Accelerometer	3 - axis, scalable up to +/-16g
Orientation	0 to 360 degrees around x and y axis
Temperature	-20°C - 65°C +/- 0.5°C
Humidity	0%-95%RH
Pressure (Barometer)	300-1100 hPA
Ambient light	0k-64k lux

Remote device configuration

Reporting configuration	. Yes
Location reporting activate/deactivate	. Yes
Sensor alarm configuration	. Yes - programmable threshold
Sensor read configuration	. Yes

Battery

Battery	. 4000mAh Rechargeable Li-oN
Battery charge time	. 4hrs from 0 – 100%

Battery life estimates CAT-M1

Sensor read frequency	Reporting frequency	Estimated battery life	
5 min		19 days	_
5 min	30 min	36 days	
15 min	2.5 hrs	160 days	
15 min	24 hrs	268 days	

Battery life estimates 2G-GSM (GPRS)

Sensor read frequency	Reporting frequency	Estimated battery life
5 min	15 min	10 days
5 min	30 min	18 days
15 min	2.5 hrs	80 days
15 min	24 hrs	130 days

