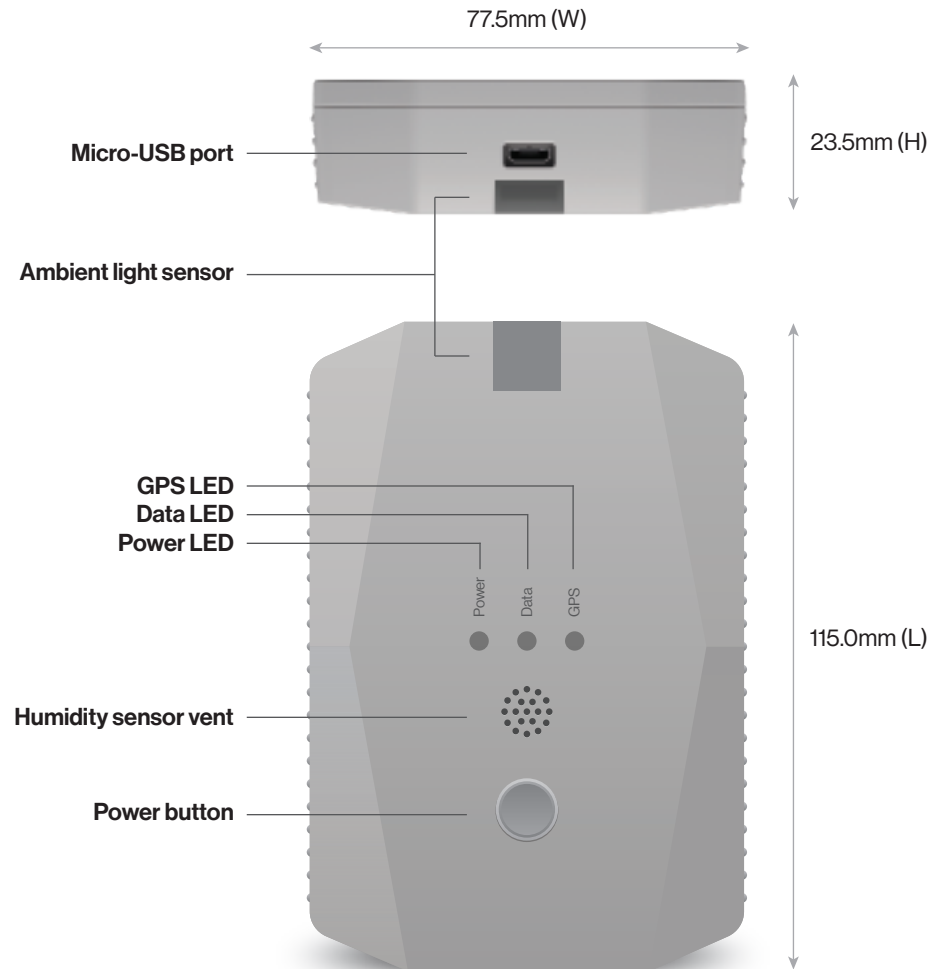


## Description

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 Critical Asset Sensor. The solution is built to tackle many different IoT use cases from tracking a mobile asset to monitoring an indoor environment.



## Interfaces



### Wireless Communications

LTE	Cat-M1 (QCOM 9206) - Band 13
GPS	GPS 1575.42 MHz (L1) GNSS 1602 MHz
Roaming	Yes

### Certifications

Environmental	RoHS
Regulatory (i.e. FCC, CE)	FCC: Part 15, 22, 24
Cellular	Verizon Open Development Certified

### Interfaces

Power	Micro USB
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### Physical Characteristics

Grade	Industrial
Dimensions	115.0mm (L) x 77.5mm (W) x 23.5mm (H)
Weight	198 g (7 oz.)

### Environmental

Operational temperature	-20 °C - 75 °C
Storage temperature	-20 °C - 75 °C
Humidity	<95% non-condensing
Drop	3ft onto concrete
Vibration	up to 500Hz random 1.25G rms
Sealing	IP66 - Rated as "dust tight" and protected against heavy seas or powerful jets of water.

## Sensors

Accelerometer 3-axis, scalable up to +/-16g

Orientation 0 to 360 degrees around x and y axis

Temperature -20 °C - 75 °C +/- 0.5 °C

Humidity 0% - 95% RH

Pressure (Barometer) 300 - 1100 hPA

Ambient light 0k - 64k lux

## Indicator/Buttons

LED 3 LED programmable (Battery, LTE connectivity, GPS)

Button Touch Sensitive (Power/Wake - Short Press, Reset - Long Press)

## Battery

Battery 4000mAh Rechargeable Li-oN

Battery life estimates*	Sensor read frequency	Reporting frequency	Estimated battery life
	15 min	15 min	14 days
	1 hr	1 hr	90 days
	4 hrs	4 hrs	180 days
	24 hrs	24 hrs	360 days

Battery Charge Time 4 hrs from 0 - 80%

*\*Battery life may vary*

## Remote device configuration

Sensor read configuration No

Reporting configuration Yes

Location Reporting Activate/Deactivate Yes