

▶ LTE Specification

Operating Band	B2/B4/B12/B13
Data Transmission	eMTC (DL) 300Kbps eMTC (UL) 375Kbps

▶ GNSS Specifications

GNSS Type	Qualcomm Gen 8C GNSS Receiver
Sensitivity	Cold Start: -148 dBm Tracking: -159 dBm
Position Accuracy (CEP)	Autonomous: < 2.5m
TIFF (Open Sky)	Cold Start: 30s average Hot Start: 1s average

▶ General Specifications

Dimensions	77.9mm x 39.9mm x 26.7mm
Weight	93g
Internal Battery	Li-Polymer 2600 mAh
Standby Time	Without reporting: 400 hours 5 minute reporting: 140 hours
Water Resistance	IPX5 compliant
Charging Voltage	5V DC
External Battery Voltage	3.5V to 4.2V DC
Operating Temperature	-20°C ~ 55°C

▶ Interfaces

Digital Inputs	1 positive trigger for ignition detection 1 negative trigger input
Power Button	Power on and power off can be disabled
Function Button	SOS alert or instant geo-fence
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CELL, GNSS, and Power
Mini USB Port	For external power and charging

▶ Air Interface Protocol

Transmit Protocol	TCP, UDP, SMS
Scheduled Report	Report position and status according to preset time schedules
Low Power Alarm	Alarm when backup battery is low
Geo-fence	Supports up to 20 internal geo-fences
Power On/Off Report	Report when the device is powered on and off
SOS Alarm	SOS alarm when function key is pressed
Special Alarm	Special alarm based on digital inputs
Motion Detection	Motion alarm based on internal 3-axis accelerometer

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