

▶ Cellular / Network

Data Support	SMS, UDP Packet Data, TCP
Operating Bands	AT&T: 1900(B2)/AWS 1700(B4)/700(B12) Verizon: AWS 1700(B4)/700(B13)

▶ Satellite Location (GNSS)

GPS Type	GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
Channels	55 Channel
Tracking Sensitivity	-167 dBm
Acquisition Sensitivity	-157 dBm (hot start) -148dBm (cold start)
Position Accuracy (CEP)	~2.0m (GPS SBAS 24 static)
Location Update Rate	Up to 4 Hz
Other	AGPS Capable

▶ Comprehensive I/O

OBD-II Interface	J1850 PWM, J1850 VPW, ISO-9141-2, ISO-14230 (KWP 2000), SW-CAN, ISO-15765 CAN
Serial Port	2-wire TTL Serial Interface
Bluetooth	Bluetooth Low Energy (BLE)
Status LEDs	3 (OBD, GPS, cellular)
Integrated Buzzer	Programmable audible alert
Accelerometer	Built-in, triple-axis (driver behavior, impact detection, motion sensing, tilt detection)

▶ Electrical

Operating Voltage	12/24 VDC Vehicle Systems 9-30 VDC (star-up, operating) 7-32 VDC (momentary)
Power Consumption	Typical 2mA @ 12V (deep sleep) Typical 40mA @ 12V (active tracking with GPS and cell enabled)

▶ Battery Pack

Battery Capacity	180 mAh
Battery Technology	Lithium-Ion
Charging Temperature	0° to 45° C

▶ Environmental

Temperature	-30° to +60°C (vehicle power) -20° to +60°C (battery power) -20° to +25°C ≤ 6 months (long term storage with battery)
Humidity	95% RH @ 50°C non-condensing
Shock and Vibration	U.S. Military Standards 202G, 810F; SAEJ1455
ESD	IEC 61000-4-2 (4KV Test)

▶ Physical

Dimensions	46 x 67 x 28mm (1.8 x 2.6 x 1.1in)
Weight	50g (1.75oz)



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