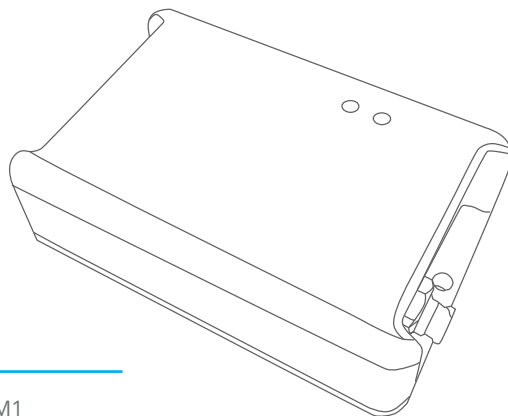




CELLULAR

AS11-MX (At&T)	LTE FDD Cat.M1 B2 (1900), B4 (AWS1700), B12 (700)
AS11-LS (Sprint)	LTE FDD Cat.1 B2/B25 (1900), B4 (AWS1700) B5/B26 (850), B12 (700)
Data Support	UDP / IP, TCP / IP, SMS over IMS
Antenna	Embedded cellular antenna

GPS

Receiver Type	99 channel engine
Location Technology	GPS & GLONASS
SBAS Support	WAAS, EGNOS, GAGAN, MSAS
Tracking Sensitivity	-167dBm
Acquisition Sensitivity	-149dBm
Location Accuracy	2.5m CEP 50%
Antenna	Internal (Optional external antenna)

COMPREHENSIVE I/O

Vehicle Bus (Optional)	External Adapter
Serial Interface	RS232
Digital Ignition Input	1 Positive Input (Configurable)
Digital Inputs	Up to 2 (Configurable)
Digital Outputs	Up to 2 (Configurable) Max. sink current 500mA
Analog Inputs	Up to 1 (Configurable) DC 0~40V (12bits resolution)
1-Wire Interface	1(Driver ID, Temperature sensors)
LED Indicators	2 LEDs (GPS, Cellular)
Bluetooth (Optional)	2 LEDs (GPS, Cellular)

SENSORS

Accelerometer	3-axis ±16g
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CONFIGURATION

Device Management	Firmware and Configuration Update via ADM
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ELECTRICAL

Operating Voltage	Vehicle 12V / 24V system\
Current Consumption	Operating: 30-120mA@12V Deep Sleep: < 1.2mA@12V
Backup Battery	3.7V 6400mAh

MEMORY

Internal Flash Memory	64 Megabit
Queue	Up to 120,000 logs Up to 21,000 queues

ENVIROMENTAL

Operating Temperature	-20 to +60 °C (with battery) -40 to +70 °C (without battery)
Humidity	95%RH @ 50° C non-condensing
Vibration/Shock	MIL-STD-810G, SAE J1455
IP Rating	IP68

PHYSICAL

Dimension	120 mm x 80 mm x 36 mm (4.72" x 3.15" x 1.42")
Weight	250g (0.56 lb)
Enclosure	Flame Retardant ABS+PC
Mounting Method	Screw Mount, Magnet Mount

CONNECTORS

I/O Connection	Circular 8 Pin Connector
SIM Card Socket	Internal Nano SIM (4FF)
Accessory Interface	RS232 with 5V (±5%) power (5V is available in non-battery mode only)
External GPS (Optional)	SMA
Configuration Interface	RS232 Interface

CERTIFICATION

Standard	FCC, PTCRB
Carriers	Sprint, AT&T