



CELLULAR/NETWORK

North American Variant I

LTE Cat 1	1900 (B2)/AWS 1700 (B4)/850 (B5)/700 (B17) MHz
HSPA/UMTS	850 (V)/1900 (II) MHz

North American Variant II

LTE Cat 1	AWS 1700 (B4)/700 (B13) MHz
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DATA SUPPORT

SMS, UDP Packet Data

SATELLITE LOCATION (GNSS)

Constellation Support	GPS, GLONASS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
Channels	55 Channel
Tracking Sensitivity	-167 dBm
Acquisition Sensitivity	-157 dBm
Location Accuracy	-148 dBm (cold start) ~2.0m CEP Open Sky (SBAS 24 hours static)
Location Update Rate	1 Hz
AGPS Location Assistance Capable	

DEVICE MANAGEMENT

PULS™ Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely.

EMBEDDED INTELLIGENCE ENGINE

PEG™	Behavioral scripting (8-bit support)
Accelerometer	Built-in, triple-axis (mounting sensing, tilt detection)
Geo-fences	10 built-in
Buffered Messages	2000

ELECTRICAL

Operating voltage	3.6V Internal Battery
Power Consumption	Typical 30uA @ 3.6V (hibernate) Typical 50uA @ 3.6V (deep sleep) Typical 50mA @ 3.6V (active GPS tracking only)

BATTERY PACK

Battery Capacity	Up to 57 Ah
Battery Technology	Lithium Primary
Battery Voltage	3.6V

ENVIROMENTAL

Temperature	-30° to + 65° C (operating tethered)
Humidity	95% RH @ 50° C (non-condensing)
Shock and Vibration	U.S. Military Standards 202G 810F, SAE J1455
ESD	IEC 61000-4-2 (4KV test)
Ingress Protection Rating	IP67

CONNECTORS & SIM ACCESS

GPS Antenna	Internal
Cellular Antenna	Internal
SIM Access	Internal (2FF SIM)

PRODUCT OPTIONS

CalAmp Telematics Cloud API

PHYSICAL/DESIGN

Dimensions	9.90 x 2.35 x 2.45" (251 x 60 x 62 mm)
Weight	23.2 oz. (658 g)

CERTIFICATIONS

FCC, IC, PTCRB, RoHS