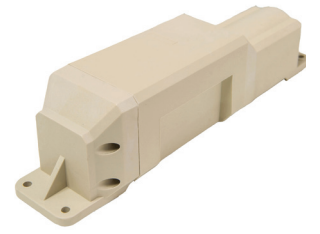
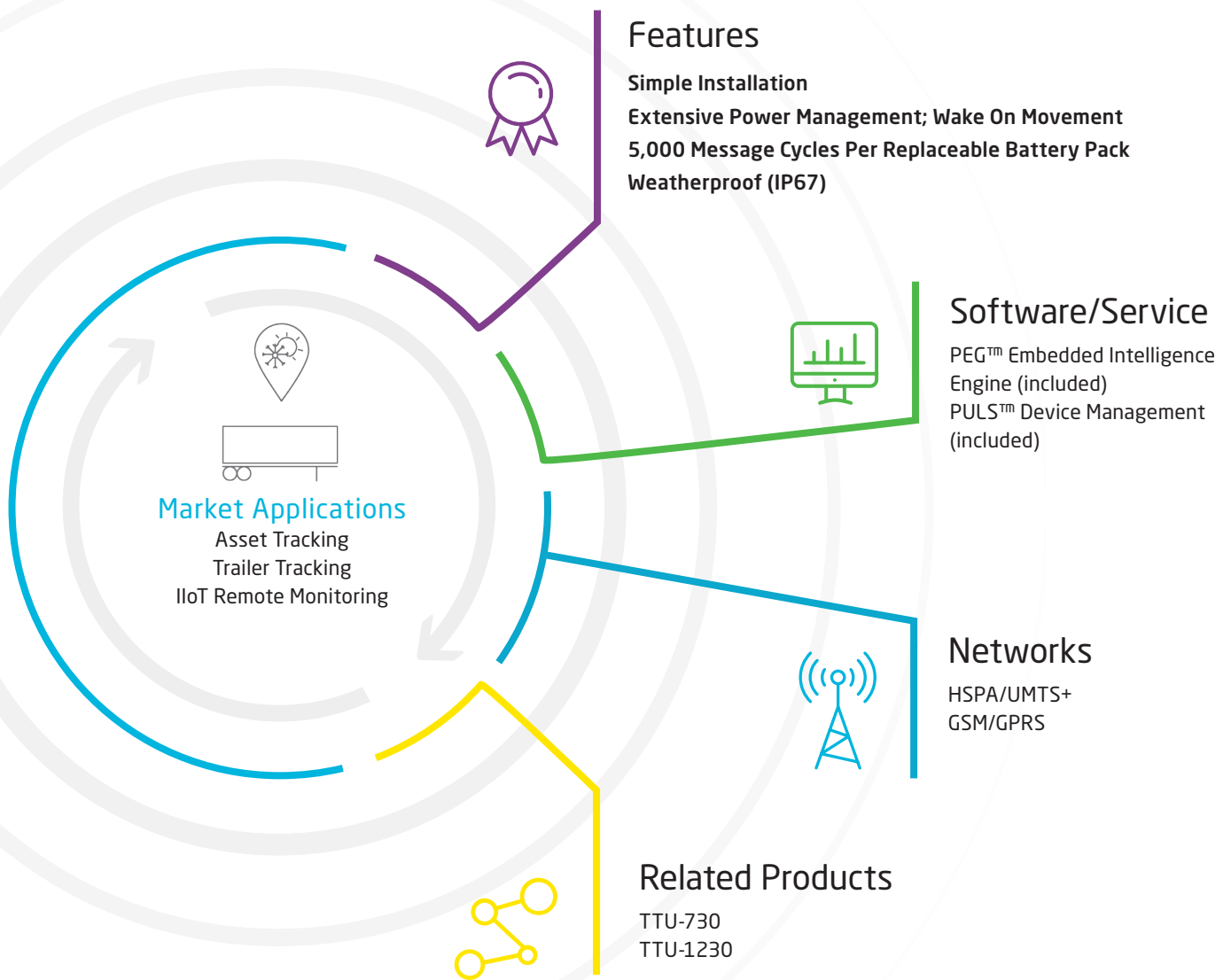


TTU-720™



Battery Operated Asset Tracker Made for Rapid Deployment and Extended Use Across Many Industries

The TTU-720™ is designed to support multi-year deployments using the PEG intelligence engine which enables extended life performance to reliably deliver asset status. Best suited for unpowered assets in extreme and rugged environments, this asset tracker features a durable weatherproof casing and internal antennas for simple installation.



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T720Q319DS V2

Cal/Amp®

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TTU-720™ Technical Specifications

Cellular/Network

Global Variant I	
HSPA/UMTS	900 (VIII)/800 (VI)/850 (V)/1700 (IV)/1900 (II)/2100 (I) MHz
GSM/GPRS	850/900/1800/1900 MHz

Global Variant II	
GSM/GPRS	850/900/1800/1900 MHz

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 (hot start)
-148 dBm (cold start)

Location Accuracy ~2.0m CEP Open Sky (SBAS 24 hours static)

Location Update Rate 1 Hz

AGPS Location assistance capable

Certifications

Industry Certifications FCC, CE, IC, PTCRB, RoHS

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 (motion 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) Typical 80mA @3.6V (cellular idle only)

Battery Pack

Battery Capacity	Up to 57 Ah
Battery Voltage	3.6V
Battery Technology	Lithium-Primary (non-rechargeable)

Environmental

Temperature	-30° to +65° C (operating and storage)
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

Physical/Design

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

Connectors/SIM Access

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

Product Options

CalAmp Telematics Cloud API

CALIFORNIA PROPOSITION 65



WARNING:

This product can expose you to chemicals including Carbon black and Nickel, which are known to the State of California to cause cancer, and including Bisphenol A and 1,3-Butadiene, which are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov