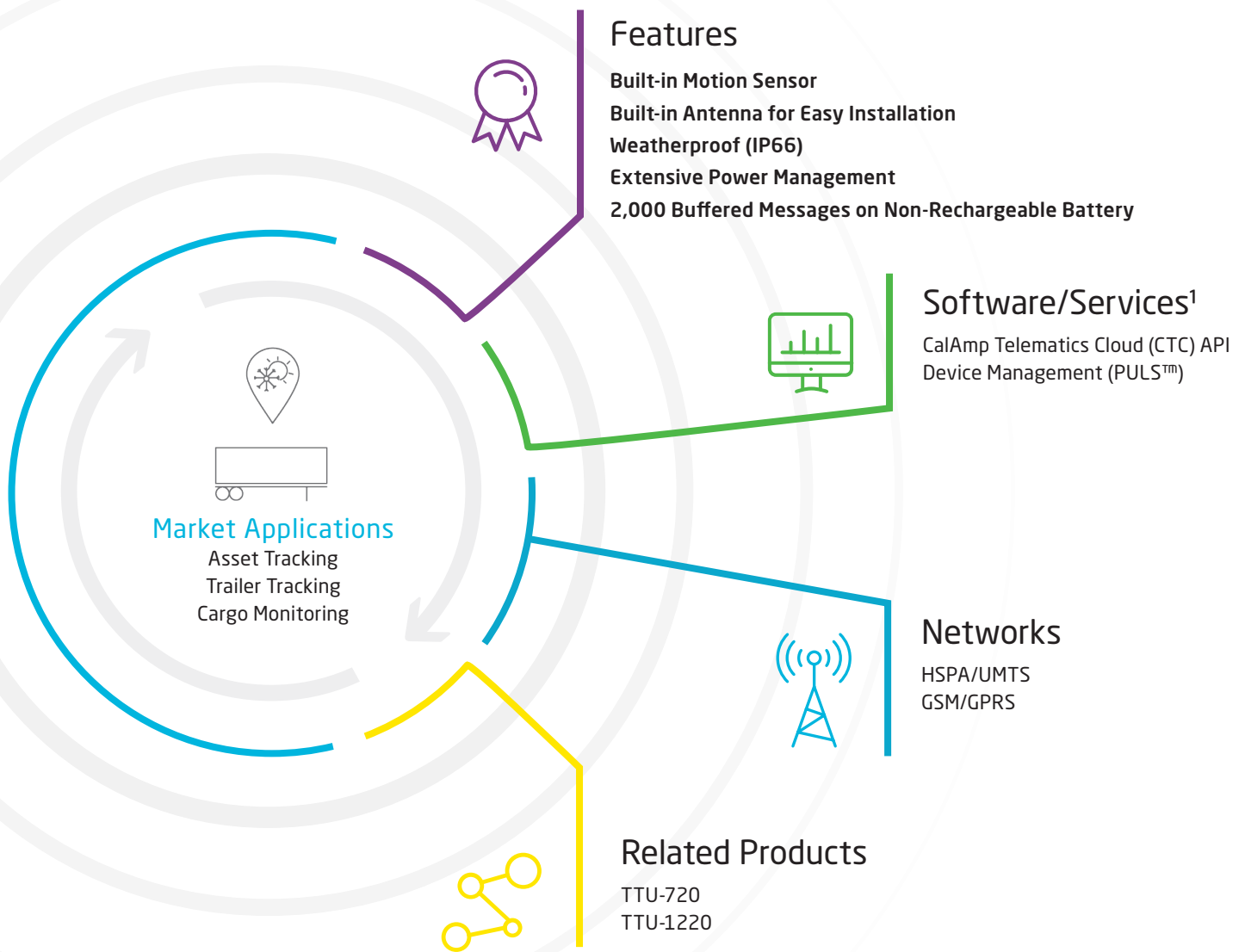


ATU-620™



Field Replaceable AA Battery Operated Asset Tracking Device for Simple and Quick Installations

The ATU-620™ is a battery operated asset tracking device engineered for reliable, long-term deployments. It is an ideal solution for managing assets in the field that requires nominal maintenance.



ATU-620™ Technical Specifications

Cellular/Network

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

Data Support

SMS, UDP Packet Data

Satellite Location (GNSS)

Constellation Support	Hybrid GPS, SBAS Engine (WAAS, EGNOS, MSAS, GAGAN)
Channels	50 Channel
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-147 dBm
Location Accuracy	~2.0m CEP Open Sky (GPS SBAS 24 hours static)

Certifications

Industry Certifications FCC, CE, IC, PTCRB, RoHS

Cloud/Software Services¹

PULS™	Monitor, manage, upgrade firmware, configure and troubleshoot devices remotely
CTC	Device data stream via RESTful APIs

Edge Intelligence¹

PEG™ Behavioral scripting (8-bit support)

Electrical

Operating Voltage	4.5V internal battery
Power Consumption	Typical <200µA @ 4.5V (deep sleep) Typical 122mA @ 4.5V (continuous transmit) Typical 38mA @ 4.5V (GPS only radio off) Typical 26mA @ 4.5V (radio only) Typical 26mA @ 4.5V (radio on with SMS and UDP)

Battery Pack

Field replaceable AA batteries	
Battery Options	3 or 6 (1.5V AA Alkaline Cells)

Environmental

Temperature	-30° to +75° C (connected to primary power) -40° to +85° C (storage)
Humidity	95% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
ESD	SAE J1113, FCC-Part 15B

Physical/Design

Dimensions	2.9 x 4.9 x 1.4" (74 x 124 x 36mm)
Weight	11 oz. (325g)

Connectors/SIM Access

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

¹ Subscription service enabled. Contact sales rep for additional details.

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