

ATU 620 SPECIFICATIONS

GENERAL

Communication Modes	GPRS/EDGE/HSPA and CDMA 1xRTT packet data, UDP and SMS
Location Technology	50 channel GPS
Operating Voltage	4.2 volt internal battery pack

GPS

Location Technology	50 channel GPS (with SBAS)
Location Accuracy	SBAS: WAAS, EGNOS, MSAS, GAGAN
Tracking Sensitivity	2.0 meter CEP (with SBAS)
Acquisition Sensitivity	-162dBm
AGPS Capable	-147dBm

BATTERY PACK

Field Replaceable AA Batteries

Battery Options	3 or 6 1.5V AA Alkaline Cells
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CELLULAR

Data Support	SMS, GPRS, CDMA 1xRTT or HSPA packet data
Operating Bands (MHz)	
GSM/GPRS	850/900/1800/1900
CDMA/1XRTT	850/1800
HSPA/UMTS	800(VI)/850(V)/900(VIII)/1700(IV)/1900(II)/2100(I)
Transmitter Power	
GSM/GPRS	850/900 1800/1900
CDMA/1XRTT	850 1800
HSPA/UMTS	(all bands)
HSPA data rates	5.6 Mbps upload/7.2 Mbps download
HSPA Fallback	EDGE/GPRS/GSM quad band EDGE MCS1-MCS9 3GPP Release 6

CERTIFICATIONS

Fully certified FCC, CE, IC, PTCRB, Applicable Carriers

PHYSICAL

Dimensions	2.9 x 4.9 x 1.4" / 74 x 124 x 36mm
Weight	11 oz / 325 g

About CalAmp

CalAmp Corp. (NASDAQ: CAMP) is a proven leader in providing wireless communications solutions to a broad array of vertical market applications and customers. CalAmp's extensive portfolio of intelligent communications devices streamline otherwise complex machine-to-machine (M2M) deployments. These solutions enable customers to optimize their operations by collecting, monitoring and efficiently reporting business critical data and desired intelligence from high-value remote assets. For more information, please visit www.calamp.com.

ELECTRICAL

Operating Voltage	4.2V internal battery
Power Consumption	Typical 200uA @ 4.2V (deep sleep) Typical 26 mA @ 4.2V (SMS+UDP connection, GPS off) Typical 140 mA @ 4.2V (continuous transmit)

ENVIRONMENTAL

Temperature	-30° to +70° C (operating) -40° to +85° C (storage)
Humidity	95%RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G and 810F, SAE
EMC/EMI	J1455 SAE J1113; FCC-Part 15B; Industry Canada
RoHS Compliant	

CONNECTORS, SIM ACCESS

SIM Access	Internal
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KEY FEATURES

- Battery life of 1 or 2 years at 1 message/day
- IP66 sealed and rugged enclosure
- Packet data (GPRS, CDMA 1xRTT, or HSPA) and SMS-based messaging
- Internal cellular and GPS antennas
- Super Sensitive GPS tracking
- Built-in 3-axis accelerometer for motion sense, tilt, and impact sensing
- Ultra low power sleep mode
- Voltage monitoring and low battery notification
- 2,000 buffered messages
- 10 built-in geo-fences
- PEG™ exception-based rules
- Automatic, over-the-air unit configuration on power-up (PULS™)
- Over-the-air firmware download (PULS™)
- Web-based device management (PULS™)

DEVELOPMENT SUPPORT OPTIONS

Custom hardware and software development available

CalAmp Corp.

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All specifications are typical and subject to change without notice

