

# TTU-730

The TTU-730, enhanced with next generation LTE Cat 1, is a company battery-operated asset tracking device designed for multi-year deployments. PEG intelligent capabilities enable proven performance for extended life. Weatherproof design incorporating internal antennas simplifies installation making it best suited for unpowered assets in extreme and rudden environments.



## Key Features

- LTE Cat 1 Connectivity
- 7 year battery life with a single message per day
- 57 Ah lithium field-replaceable battery pack
- IP67 sealed and rugged enclosure
- Built-in cellular and GPS antenna for easy installation
- Built-in 3-axis accelerometer for motion sense
- Ultra-low power sleep mode (<100µA)
- Voltage monitoring and low battery notification
- 5,000 message cycles on fully charged battery pack
- PEG exception-based rules
- Automatic over-the-air configuration on power-up
- Superior cellular and GPS quality
- Over-the-air firmware download

## Technical Specifications

### Physical

**Dimensions:** 9.90 x 2.35 x 2.45"  
**Weight:** 23.2 oz

### Connectors/SIM Access

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

### Battery Pack

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

### Environmental

**Temperature:** -30° to +65° C  
**Humidity:** 95% RH @ 50° C non-condensing  
**Shock and Vibration:** U.S. Military Standards 202G, 810F, SAE J1455

### Embedded Intelligence Engine

**PEG:** Behavioral scripting (8-bit support)  
**Accelerometer:** Built-in, triple-axis (motion sensing, tilt detector)  
**Buffered Messages:** 2000

### Data Support

SMS, UDP Packet Data



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