



# SatCom B/LP

## Satellite-Managed Asset-Ready Tracker



Designed for the intelligent management of powered and non-powered fixed and mobile assets, the SatCom B/LP (line-powered) is a practical solution for tracking asset location, reporting unauthorized movement, engine runtime reporting and major fault monitoring as well as a multitude of other applications. Track intermediate bulk containers, vehicles and boats as a solution to improve your assets operating efficiency and security.

The SatCom B/LP can be line-powered (operates on external power) or in the absence, interruption or failure of line-power, the SatCom B/LP will automatically switch to battery back-up to ensure transmissions continue. When using line-power, the user has maximum flexibility in messaging frequency allowing for regular monitoring of asset location.

The SatCom B/LP utilizes motion sensors, comparative GPS positions and custom configured sensors to gather and transmit asset status information. Each SatCom B/LP is configured to track its asset's specific needs and provide intermediate and emergency alerts by email or text (VAR software integration required).



### FEATURES

- **Quick installation:** Use industrial adhesives, brackets or screw mounts for installation
- **Simple packaging:** Requires no harnesses, external power or external antenna
- **Automatic alerts:** Change of location sensing sends alerts if asset moves outside of pre-determined range
- **Messaging cost reduction mode:** Reduced satellite messaging if asset remains in same location for a pre-determined period of time
- **Hardware on/off feature:** Allows the unit to initiate GPS re-centering functionality
- **Accepts serial signals (TTL)** from external inputs

### CONFIGURATION SOFTWARE

- Software configuration tool easily installs on PCs

### BENEFITS

- **Operates on external line power** from 10 to 48 volts DC
- **"Asset-ready" design:** Allows for easy installation and field management without the need for antennas or external power
- **Standard Messaging includes:** Wake, GPS locate, transmit location, resume sleep and additional 12 programmable sleep and time- of wake settings
- **Messaging Cost Reduction Feature:** Reduces satellite messaging if asset remains in same location or cannot obtain a GPS fix (indoors)

### SatCom B/LP SETUP INCLUDES

- Up to 12 different reporting times
- Interval or 24 hour operation mode
- Alternate reporting scheduling
- Low battery message
- Motion Sensor/Vibration parameter and scheduling
- Contact closure parameters
- Diagnostic messages

# SatCom B/LP

## Satellite-Managed Asset-Ready Tracker

### TECHNICAL SPECIFICATIONS



### OPERATING SPECIFICATIONS

<b>DIMENSIONS</b>	3.25 IN (H) X 6.5 IN (W) X 1.0 IN (D)	<b>CERTIFICATIONS</b>	<ul style="list-style-type: none"> <li>- UL913 and CSA C22.2 No. 157 Certified Intrinsically Safe for use in Class I, Division 1 Groups A, B, C, D environments for US and Canada</li> <li>- ANATEL Certification for Brazil (pending)</li> <li>- FCC CFR Parts 15 and 25</li> <li>- Industry Canada</li> <li>- CE Mark (European Certification)</li> <li>- COFETEL</li> </ul>
<b>WEIGHT</b>	13.5 oz/385 g (with 4 batteries and mounting hardware)		
<b>OPERATING TEMPERATURE</b>	-30° to +60° C NOTE: The unit shall remain operational over the -40° to +85°C range, though may experience battery life and RF signal degradation		
<b>LINE POWER</b>	Up to 48 volts DC		
<b>BATTERY TYPE</b>	(4) AA 1 V lithium Provides 3+ years of battery life Removes the need to purchase expensive proprietary batteries for replacement	<b>STANDARDS</b>	<ul style="list-style-type: none"> <li>- SAE J1455 MIL STD 810</li> <li>- NEMA 4X / IP68</li> <li>- RoHS Compliant</li> </ul>

### ACCESSORIES

- USB Configuration Cable
- Combined Serial, LP, I/O Cable

### FEATURE SET

#### STANDARD MESSAGING

- Wake, GPS locate, transmit location, resume sleep
- Up to 12 programmable sleep time-of-wake settings

#### SERIAL COMMUNICATION CAPABILITY

- User defined messages
- Serial (TTL) I/O capability to interface with remote passive and smart sensors and deliver user defined messages

#### INTEGRATED VIBRATION SENSOR

- Message on start and stop
- Engage interval override on motion for set time or while in motion
- Integrated Motion (Vibration) Sensor sends messages on start and stop motion event

#### MESSAGING COST REDUCTION

- Reduced satellite messaging if asset remains in same location or cannot obtain a GPS fix (indoors)

#### ALTERNATIVE REPORTING

- Alternate supervisory reporting schedule triggered by alarm or motion
- Transmits GPS location on alternate interval for programmed time or while alarm remains active

#### CHANGE OF LOCATION

- Theft recovery reporting based on distance moved
- Reduced messaging mode

#### About ThinAir

ThinAir Telematics, based in Houston, Texas, is the premier provider of fleet management and GPS tracking solutions for any size business. Our solutions offer real-time insight into mobile and fixed assets to reduce operational costs and improve customer service, safety, and security. Our intuitive web-based and mobile applications empower users to quickly adopt and realize rapid ROI. For more information, please visit [www.thinair.co](http://www.thinair.co)

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