

AT3 (AT3-BWR-BAT-LTEM-ATT) Cellular Asset Tracker Installation Guide

5830 Granite Parkway, Suite 1200 Plano, Texas 75024 | P: 972-546-3878 Option 3 | helpdesk@geoforce.com

Step 1: Select a Mounting Location

To ensure ideal performance:

1. Select a mounting location that provides the best sky view.
2. Use a flat horizontal mounting position (facing skyward).
Vertical mounting orientations are acceptable but make sure the side with the label is facing upwards to the sky to optimize antenna position.
3. Mount on the flattest and hardest surface possible.
4. Select a mounting location isolating the AT3 from damage.
5. Minimum mounting area required is Length 4.89inch (124.1mm), Width 2.23inch (56.6mm), Height 1.33inch (33.7mm)
6. Thoroughly clean the mounting area, especially for VHB mounting.
7. Do NOT paint or cover the AT3. Doing so may cover the antennas and negatively affect product performance and battery life.

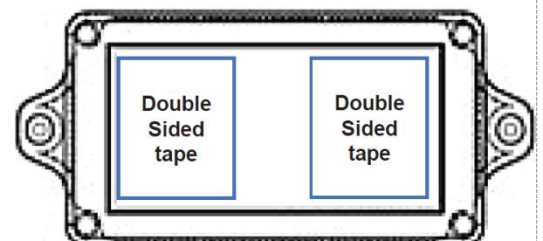
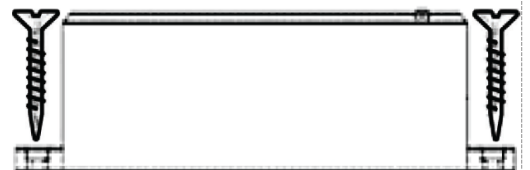


Step 2: Select a Mounting Method

Mechanical Mounting

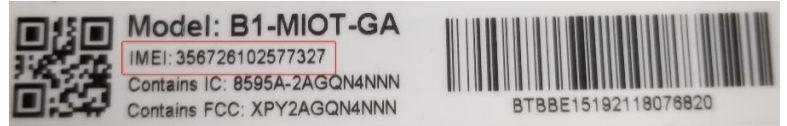
- **Hex-Head Cap Screws (1/4" bolt diameter)**
For installations that have access to the backside of the mounting surface for securing a nut or bolt.
- **Mag-mount**
The use of magnets with the AT3 device is okay if a quick install is needed, with the use of 2x 1/4" bolt with nuts, fasten magnets to both Tabs located on either side of the device.
- **Self-tapping Screws (Screws included with device)**
For installations with thinner mounting surfaces where a quicker less robust install is needed.
Use mounting fasteners made of a material that resists galvanic corrosion and environmental weathering, such as stainless steel.
- **VHB Adhesive Mounting**
For installations that do not require a permanent install the AT3 can use a strip of Industrial Strength VHB adhesive tape to "peel and stick" to any clean surface above 50F (10C).

Do not overtighten the self-tapping screws as they will crack the base.



Step 3: Record the Asset and AT3 IMEI Number

1. Record the AT3 IMEI number located on the side label of the device
2. Record the asset name and IMEI number (on which the AT3 was installed).
3. Enter the AT3 IMEI number and asset info into the software application.
4. Contact your Geoforce account service representative if you require assistance



Step 4: Initializing the AT3

The AT3 device is shipped ready to operate out of the box and will check-in according with the reporting configuration that was ordered.

Step 5: Confirm Functionality

The AT3 Cellular Asset Tracker will automatically connect to the wireless network and check in assuming a network is available. Check the software application to verify device operation.

NOTE: Track and Trace may not show the update immediately; it may take a few hours before a new check-in reading is registered depending on network connectivity and device configuration. If no network connection is available, a device check-in will be delayed until network connectivity is available.

IMPORTANT: NETWORK and GPS ACCURACY

1. Metal can block GPS signals from the satellites, and this can significantly reduce the quality of tracking location.
2. Avoid mounting the device facing or inside the assets metal frame.
3. Avoid mounting the device under heavy metal as this may reduce range of cellular transmission

AT3 (AT3-BWR-BAT-LTEM-ATT) BATTERY REPLACEMENT

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Caution: Only Use replacement batteries purchased from Geoforce with this device, not doing so can cause damage and affect device performance

Opening the Device

1. Carefully remove the 4 enclosure screws on the back of the device
2. Carefully separate top and bottom covers so you do not cause damage to the interior
3. Take note of the Battery position, carefully unclip and remove the battery from device
4. Wait 30 Seconds
5. Reconnect the battery ensuring the battery is securely connected to the battery plug
6. After replacing the battery, a brief led will turn on to indicate the device is powered up.
7. Remove the cover from the 3M Tape on the battery and place the battery to the inside of the cover as seen in the image Replace the top cover and ensure top and bottom are aligned and ensure the antenna is not crushed by connecting the two sides on the antenna side first
8. Ensure top cover and bottom are aligned before closing the device and securing with screws
9. Using a torque-controlled driver to seal the screws tight in a cross pattern as show in picture (1,2,3,4)
10. You are completed, the device will continue will check-in according with the reporting configuration that was ordered.

