

Long Standby Asset Tracking

The Vecima 2900 is a high-performance beacon ideally suited for monitoring unpowered assets, such as containers, generators, trailers and many more.

The 2900 is powered by 3 AA Lithium batteries, which provide up to 3 years of operation at a tracking frequency of 2 locates per day. The beacon has a ruggedized enclosure, designed for exterior installation in harsh environments.

Features

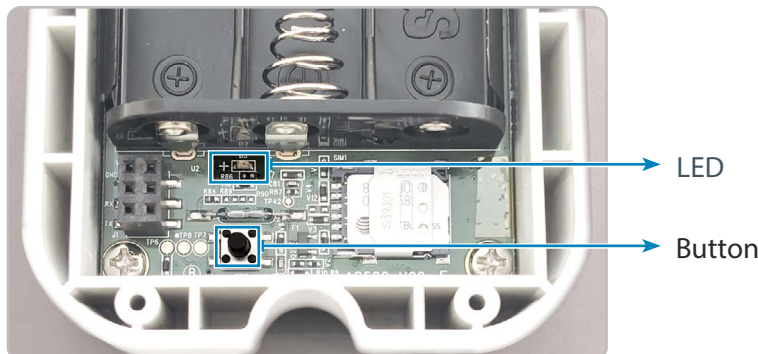
Feature	Benefit
Asset Tracking	2 tracking points per day (12 hour frequency)
Low battery notification	Receive notifications when the batteries need to be changed

Installation Notes

- The 2900 is shipped fully active. Attach it to the asset to be tracked and assign the beacon in your portal to begin seeing tracking points right away.
- For optimal GPS signal reception, the top of device must have a clear path to the sky. Avoid installation locations where metal may obstruct the signal.

Battery Replacement

- Detach the device from the tracked asset and unfasten the six screws that hold the back panel in place. Carefully remove the back panel to reveal the battery slots.
- Replace all 3 with new Lithium batteries. Don't mix different battery types
- Press and hold the indicated button for 1-2 seconds, releasing as soon as the green LED is lit. A new location point will appear right away in the portal, indicating the 2900 is powered up and transmitting. The regular tracking frequency will then resume.
- Replace the back panel with the six screws and reattach to the tracked asset.



Specifications

Location Technology

- Receiver: 99 channel engine
- Tracking Sensitivity: -167 dBm
- Acquisition Sensitivity: -149 dBm
- Location Accuracy: 2.5m CEP 50%

Wireless

- LTE CAT.M1
- Frequency Bands:
B1, B2, B3, B4, B5, B8, B12, B13, B18,
B19, B20, B25, B26, B27, B28, B31, B66,
B85

Power

- Operating voltage: 1.5V AA Battery x3
- Deep sleep consumption: <25uA

Mechanical / Environmental

- Integrated GPS and Cellular antenna
- Size: 4.64 x 2.55 x 1.10" (118 x 65 x 38 mm)
- Weight: 0.26 lb / 120 g (w/o batteries)
- Operating temperature range:
-40 to +140°F (-40 to +60°C)
- Humidity: 95%RH
@ 50°C non-condensing
- IP Rating: IP67, IP69K
- Shock/Vibration/Low Pressure:
MIL-STD-810H
- Salt Fog/Solar Radiation:
MIL-STD-810H