

# APPTRICITY CORPORATION®

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## LONG-RANGE WITH GPS BLUETOOTH TAG

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Manufactured By: Apptricity Corporation®



Part Number: 550-135-100

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## 1. PRODUCT DESCRIPTION

The Appticity Long-Range with GPS Bluetooth tag is intended for Asset tracking. The range of the transmitted Bluetooth signal is up to 9 miles (14.4 km) line of sight. The transmission rate can be set from a ping once per second to a ping of once per 145 hours. The Long-Range with GPS Bluetooth Tag requires two CR2477 batteries. Batteries are customer replaceable. The lifetime of the battery is determined by the ping rate. The ping rate is set when the tag is manufactured.

## 2. KEY FEATURES

22 dBm Bluetooth Beacon

2.48 GHz Frequency Band

Gain of Antenna is 3 dBi

IP57: Water and Dust Resistant

Weight: 1.4 oz (Long-Range) and 2.4 oz

Dimensions: 2.85" X 1.93" X 0.83"

Part Numbers: 550-135-100

### 3. BATTERY REPLACEMENT

The Long-Range with GPS Bluetooth tag battery replacement is demonstrated below.



**Step #1:** Remove the 4 screws from the top of the case.



**Step #2:** Remove the lid with attached pcb from the case.



**Step #3:** Remove both batteries.



**Step #4:** Insert new batteries with positive sides up (very important) and negative sides against the shields.



**Step #5:** Put the top back onto the case bottom.



**Step #6:** Replace the four screws to attach the top to the bottom of the case.



## 4. REGULATORY

This device complies with Part 15 of FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including any interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes or modifications not expressly approved by Apptricity could void the user's authority to operate the equipment.

## 5. CONTACT INFO

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