

## Versatile BLE Tag – Low Cost Small Footprint



AiRISTA Flow's A2 is a small form factor BLE tag. With breakthroughs in cost, longevity and distance, this tag opens exciting use cases across multiple industries.

The low price point means thousands of assets, not previously practical, can now be tracked. Based on the latest processor technology, the device supports BLE version 4.1, 4.2, and 5.0.

In addition to beaconing, the tag is also a BLE receiver and scans for neighboring beacons, facilitating use cases that associate people to things. For example, ensures equipment stays near patients or laptops stay with owners.

A button provides software definable responses to a button push by users.

### Industry Support

In addition to support for common protocols including Eddystone, iBeacon, and Cisco System's LTX, AiRISTA Flow's firmware provides control of the tag over-the-air and opens features that extend your IOT strategy to thousands of devices.

### Tag Options

- Temperature, humidity

### Benefits

- Priced as a disposable device
- 5+ year lithium battery life
- BLE scanning allows for use cases based on "associations" between assets
- Push button provides notification of events
- Track Temperature & humidity (optional)
- Increased processing speed and expanded memory

### Features

- BLE 4.0 - 5.0 compliant
- Long-life, replaceable battery
- Multiple ways to attach tag to assets
- General purpose tactile call button
- Over the air programming and configuration capabilities
- Temperature, humidity(options)

## BLE Radio

Blue-tooth Low Energy (BLE) Radio  
BLE 4.1, 4.2, 5.0 Compliant  
RX BLE: 6mA  
TX BLE: 6mA  
TX BLE max Output Power: 5dBm

## Electrical Interface

CR2032 Replaceable Battery

## Battery Life

5+ years depending on configuration

## User Interface

One call button

## Environment

Operating Temperature: -40 °C ~ +70 °C  
Storage Temperature: °10 °C ~25 °C (65% RH)

## Typical Operating Range

\*BLE 4.0 (100m)  
\*The max range is 100m (range depends on physical environment)

## Physical

Dimensions: 36 x 36 x 5.6 mm / 1.4 x 1.4 x .22 in  
Weight: 10g / .35 oz

## Certifications

FCC: Part 15 (US and Canada)  
CE Mark (European Union)

## Part Number

AF.A2.BLE

## Warranty

One Year Warranty

\*Specifications subject to change without prior notice.