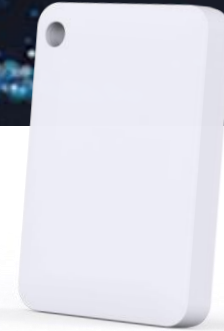


Versatile BLE Tag – Low Cost Long Battery Life



AIRISTA's A7 beaconing tag 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, this beaconing device supports BLE versions 4.X and 5.X.

The ultra low power chip set means the replaceable battery can last years (broadcast interval and transmit power dependent).

The A7's small size, with a keychain hole, is easy to carry. It is thin and light which can be mounted on any assets with double-sided industrial tape.

Industry Support

The A7 broadcasts 2.4GHz radio spectrum at regular programmed intervals. It can communicate and integrate with iOS, Android and other BLE 4.0/5.0/5.1 enabled devices.

The A7 supports encrypted broadcast. It does not support connections which otherwise might make malicious connections possible.

Benefits

- Priced as a disposable device
- Mini size, easy to carry and install
- Multi-year lithium battery life
- Support for iBeacon & Eddystone
- Keychain hole
- Easy to clean smooth surface
- Field replaceable CR2032 battery
- Insulating battery tab prevents battery loss before use
- Long range, up to 100m line of site

Features

- BLE 4.0, 5.0, 5.1 compliant
- One time programmable
- Supports iOS 8.0+ and Android 4.3+ systems

Frequency band

2.4GHz

Electrical Interface

Long lasting Replaceable 3V CR 2032 coin battery
Minimum voltage: 1.1V

Battery Life

2+ years (ref. 225mA 2032 battery), depending on configuration

Environment

Operating Temperature: -40°C to 80°C
Storage Temperature: 50 to 70 °F / 10 to 25 °C

Typical Operating Range

Line of Sight: 150 feet at 5dBm
Obstructions: 75 feet at 5dBm

Physical

Dimensions: 37.6mm x 24mm x 5.3mm
Weight: 7 grams (with battery)

Certifications

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

Part Number

A7

AiRISTA Flow, Americas
913 Ridgebrook Rd. | Suite 110
Sparks, MD | 21152 | USA
Tel: 1-844-816-7127
salesinfo@airista.com

AiRISTA Flow, APAC
Level 9 Wyndham Building
1 Corporate Court
Gold Coast | QLD | Australia
Tel: +61-7-3053-8375

AiRISTA Flow, EMEA
Espoo | Finland
Tel: +358-10-326-7600
salesinfo@airista.com