

## The next-generation Wi-fi tag for tracking assets

The sleek and slender AiRISTA Flow featuring AiRISTA Flow RTLS A5n is an active location tracking tag that operates over standards-based, enterprise-grade Wi-Fi networks. In conjunction with AiRISTA Flow RTLS, the tag enables location of virtually any asset or object. Because the AiRISTA Flow A5n operates on standard Wi-Fi networks, it does not require any extra infrastructure.

### Industry-leading location accuracy

Using standard 802.11 b/g/n 2.4GHz Wi-Fi networks, the AiRISTA Flow A5n tag tracks assets in real-time throughout an enterprise. For applications requiring ultra-high location accuracy, such as hospitals, the AiRISTA Flow A5n offers BLE technology and infrared sensors that can be used in combination with AiRISTA Flow location beacon for bed-level positioning.

### No timely battery replacements required

AiRISTA Flow A5n tags include extended-life batteries that typically last for more than two years before cost-effective replacements become necessary. Swap-outs are simple and take the pain out of having to procure battery replacement labor services.

### Compact and versatile

The AiRISTA Flow A5s are water resistant and have one of the smallest form factors available on the market. The design allows users to mount the AiRISTA Flow A5n inconspicuously on an array of assets. Mounting options include 3M® adhesive, cable ties, Velcro®, key rings, and more.

The tag features a single call button for initiating events such as maintenance and service requests.



## Features

- Water Resistant
- Unbeatable real-time location accuracy
- BLE and Infrared capability
- No battery replacements
- Offers several, easy mounting options
- Remote update and configuration functionality for simplified asset management
- Supports CCX and Layer 2 Blink Mode
- Works using most Enterprise Wi-Fi networks
- Three-color LED indicator
- The smallest and lightest active RFID Wi-Fi enabled asset tag available

## Benefits

- Enables enterprise-wide asset location intelligence
- Offers inconspicuous placement
- Helps reduce inventory and rental costs of valuable assets
- Improves equipment utility rates

## Radio / Wi-Fi Radio

Supported Wi-Fi Networks: 802.11 b/g/n  
Sleep Mode Maximum Leakage Current: <10ua

Tx 802.11b, CCK 11 Mbps, Pout = +17 dBm  
Tx 802.11g, OFDM 54 Mbps, Pout = +15 dBm  
Tx 802.11n, MCS7, Pout = +15 dBm  
Rx 802.11b, 1024 bytes packet length, -80 dBm  
Rx 802.11g, 1024 bytes packet length, -70 dBm  
Rx 802.11n, 1024 bytes packet length, -65 dBm

FCC, Canada, ETSI 2.4 - 2.4835 GHz  
Japan 2.471 -2.497 GHz  
Layer 2 Network Support: CCX, Blink  
Layer 3 Network Protocol: UDP/IP, TCP/IP, HTTP  
IP Addressing: DHCP or static

Security: WEP 40/104bit (equals 64/128bit), WPA2-PSK  
Supported Data Rates, 1,6,11,54,72 Mbps

## BLE Radio

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

## Electrical interface

DC Power: non-replaceable battery  
Antenna: omni-directional antenna  
Configuration: Over-the-air remote configuration

## User interface

One call button  
One three color signal LED

## Certifications\*

FCC: Part 15 (US and Canada)  
IC (Canada)

\*certifications obtained as of 10/1/2015

## Frequency band

Channels 1-11: North America  
Channels 1-13: Global

## Environment

Operating Temperature: 50 to 104 °F / 10 to 40 °C  
Storage Temperature: 40 to 115 °F / 5 to 45 °C  
Humidity: 95 % non-condensing, relative humidity\*  
Protection: dustproof and water resistant enclosure

## Typical operating range

Open Space: 330ft/100m @6Mbit/s\* Closed Office:  
140ft/40m @16Mbit/s\*

## Battery specifications

Replaceable 900 mAH, 3.0V Lithium  
Battery 2 year battery life, depending on  
the beacon rate

## Physical

Dimensions: 30.5mm (1.25") x 57mm (2.2") x 11mm  
(5/8")  
Weight: 0.7 oz / 2 g  
Mounting: 3M® double-sided tape, Velcro, mounting  
plate(optional), hang mount  
(optional)

Specifications subject to change without prior notice.