AiRISTA FLOW
Location. Insights. Visibility.

A5n Wi-Fi / BLE
Sealed Asset Tag

The Next-Generation Wi-Fi / BLE Tag for Tracking Asset

The sleek AiRISTA Flow A5n is an active location tracking tag that operates over standards-based, enterprise-grade Wi-Fi networks. In conjunction with AiRISTA Flow UVS software, the tag enables location tracking of virtually any asset or object. Because the AiRISTA Flow A5n operates on standard Wi-Fi / BLE networks, it does not require any extra infrastructure. The tag features a single call button for initiating events such as maintenance and service requests.

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 fine grained location accuracy, such as hospitals, the AiRISTA Flow A5n offers Wi-Fi / 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 A5n's 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.

Benefits

- Enables enterprise-wide asset location intelligence
- Software programmable button to trigger events in business process workflows
- Offers inconspicuous placement

Features

- BLE 4.2, 5.0 compliant
- Water Resistant
- BLE and Infrared capability for fine grained location accuracy
- Battery Replacement Program
- Offers several, easy mounting options
- Remote update and configuration functionality for simplified tag management
- Supports CCX and Layer 2 Blink Mode
- Works using most Enterprise Wi-Fi networks
- Three-color LED indicator

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 = +19 dBm
TX 802.11g, OFDM 54 Mbps, Pout = +17 dBm
TX 802.11n, MCS7, Pout = +17 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
Security: WEP, WPA2-PSK
Supported Data Rates, 1, 6,11,54,72 Mbps

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 Out Put Power: 5dBm

Electrical Interface

800 mAH, 3.0V Lithium Battery
Antenna: Omni-directional antenna
Configuration: Over-the-air remote configuration

Battery Life

2 year battery life, depending on the beacon rate.

User Interface

One call button
One - two color signal LED

Frequency band

Channels 1-11: North America
Channels 1-13: Global
Channels 1-14: Japan

Environment

Operating Temperature: 50 to 104 °F / 10 to 41 °C
Storage Temperature: 40 to 115 °F / 5 to 46 °C
Humidity: 95 % non-condensing, relative humidity
Protection: splash proof enclosure

Typical Operating Range

Line of Sight:
330 ft/100 m @11Mbit/s, 500 ft/150 m @2Mbit/s*
Obstructions:
140 ft/40 m @11Mbit/s, 200 ft/60 m @2Mbit/s

Physical

Dimensions:
57 mm (2.2") x 30.5 mm (1.25") x 11 mm (5/8")
Weight: 0.7 oz. / 2 g
Mounting: 3M® double-sided tape

Certifications

FCC: Part 15 (US and Canada)
CE Mark (European Union)
Cisco Support: CCX protocol support

Part Number

AF A5n.W.B

Warranty

One Year Warranty

*Specifications subject to change without prior notice.