

The next-generation wi-fi tag for tracking assets

The sleek and slender AiRISTA Flow featuring Ekahau RTLS A5 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 Ekahau A5 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 Ekahau A5 tag tracks assets in real-time throughout an enterprise. For applications requiring ultra-high location accuracy, such as hospitals, the Ekahau A5 offers integrated infrared sensors that can be used in combination with AiRISTA Flow location beacon infrared transmitters for bed-level positioning.

No timely battery replacements required

Ekahau A5 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 Ekahau A5s are water resistant and have one of the smallest form factors available on the market. The design allows users to mount the Ekahau A5 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. The anti-tamper function lets authorities know when the Ekahau A5 has been removed from an asset in service or has become disabled to help organizations quickly identify potential disruptions.



Features

- Water Resistant
- Unbeatable real-time location accuracy
- Infrared capability
- No battery replacements
- Water resistant
- Offers several, easy mounting options
- Anti-tamper function
- Remote update and configuration functionality for simplified asset management
- Works using most 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, instantly
- Offers inconspicuous placement
- Helps reduce inventory and rental costs of valuable assets
- Improves equipment utility rates

Technical Specifications

Radio

Supported Wi-Fi Networks: 802.11 b/g/n*
Output Power +11.5dBm
Frequency Range: FCC, Canada, ETSI 2.4 - 2.4835 GHz
Network Protocol: UDP/IP or addressing DHCP
Security: Open/WPA2
Support for Ekahau location beacons

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
Anti-tamper function

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*

Physical

Dimensions: 1.16" x 2" x .38" (29.5 mm x 51mm x 9.6 mm)
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.

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