ekahau

T301A
Asset Tag

Wi-Fi RTLS tag for enterprise wide visibility into real time location of critical assets

The Ekahau T301A is a small battery powered active Wi-Fi RTLS tag for asset and inventory tracking. In conjunction with the Ekahau Real Time Location System (RTLS), the tag provides accurate location using standard 802.11 b/g/n infrastructure. It attaches to equipment using an optional mounting cradle, tie-wraps or velcro. Its small form factor and weight allows mounting on small or uncommonly shaped objects. The dust and splash proof enclosure with rubber sealing allows the tag to be used outdoors or under dusty or humid conditions. The T301A Wi-Fi Tag contains a system on chip (SoC) with an intelligent low power radio transceiver, ultra low standby current, and automatic motion detection. As a result, the tag lasts many years on two small batteries. Battery status is continuously monitored.

The tag contains two configurable buttons for sending alarms or other messages from the tag to integrated applications. The tag's LEDs and buzzer can be remotely triggered for visually and audibly identifying the correct tag or for alerting personnel. The tag configuration and software can be managed remotely anywhere within the wireless network coverage area.
personnel. The tag configuration and software can be managed remotely anywhere within the wireless network coverage area.

Features

- Battery life up to five years
- Works with any standard 802.11 infrastructure at 2.4 GHz frequency
- Low battery warning alerts
- Intelligent battery-life management with motion sensor
- Two programmable call buttons
- Remotely activated custom audio and LED signals
- Remote configuration and software upgrades
- Multiple mounting options

Benefits

- Smartest two-way location and tracking device in its class
- Wireless configuration and maintenance
- Two call buttons for customized alarms and other notifications
- Small form factor, less than 2 oz/50 g

Ekahau RTLS Solution:

- T301 tags
- Ekahau RTLS Controller
- Vision End-User Application

Technical Specifications

Wi-Fi Standard: 802.11 b/g/n
DSSS (Direct Sequence Spread Spectrum)
Media Access CSMA/CA
RCV Sensitivity -82dBm @11Mbps (Typical)
Output Power +11,5dBm
Frequency Range: FCC, Canada, ETSI 2.4 - 2.4835 GHz
Japan 2.471 -2.497 GHz
Network Protocol: UDP/IP, addressing DHCP or static
Security: WEP 40/104bit (equals 64/128bit) WPA2

Electrical Interface

DC Power: 2xCR2 lithium batteries
Antenna: 2xomni-directional antennas
Configuration: Over-the-air remote configuration

User Interface

Two call buttons
Two red/green signal LEDs
Buzzer
Motion detection
Tamper switch

Typical Operating Range

Open Space: 330ft/100m @11Mb, 500ft/150m @2Mb
Closed Office: 140ft/40m @11Mb, 200ft/60m @2Mb

Certifications

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

Frequency Band

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

Environment

Operating temperature: 32 to 122 °F / 0 to 50°C
Storage temperature: -40 to 140 °F / -40 to 60 °C
Humidity: 95 % non-condensing, relative humidity
Protection: dust and splash waterproof enclosure

Physical

Dimensions: 1.8 x 2.2 x 0.7 in / 45 x 55 x 19 mm
Weight: 1.7 oz/ 48 g
Mounting: double-sided tape, velcro, mounting plate
(optional), hang mount (optional)

Specifications subject to change without prior notice

CISCO
Compatible

Soluzione commercializzata da:

Etnasoftware srl
Semplicità ed innovazione tecnologica...