



Benefits

- Locates assets and people in real-time
- Requires no proprietary wireless infrastructure
- Low power consumption and long battery life
- Small size and mounting options enable a wide variety of usage options
- Easy and efficient over-the-air configuration



Ekahau T201 Wi-Fi Tag



Ekahau T201 Wi-Fi Tag is a small active radio tag for tracking and finding people and assets. Once attached to an asset or carried by a person the target can be accurately tracked with the Ekahau RTLS platform within the coverage of an 802.11 network. It is most suitable for tracking equipment, personnel or patients in hospitals, manufacturing plants or in any other industry where knowledge of the actual and up-to-date location can improve efficiency and safety.

The T201 tag features an audio buzzer and two red/green LEDs that help to distinguish the tag location. For security applications the call-button enables sending alerts, including the location of the alerter, to security personnel or caregivers. The tag's small size, long battery-life and multiple mounting options make its use care-free in all types of applications. Monitoring continuous, and precise, location information of mobile people and assets has never been this easy.

Features

- Works with any standard 802.11b infrastructure
- Supports multiple SSID and WEP keys
- Battery life up to several years
- Low battery warning
- Intelligent battery-life management with motion sensor
- Call button/programmable transmitter button
- Customizable audio and LED signals
- RS232 port for configuration
- Multiple mounting options



Technical Specifications

Wi-Fi Specification: V1.1
DSSS (Direct Sequence Spread Spectrum)
Wi-Fi Standard: 802.11b, 802.11d
Media Access CSMA/CA
RCV Sensitivity -82 dBm @ 11 Mb (Typ)
Output Power 14 dBm +/- 1.0 dBm
Frequency Range: 2.412-2.484 GHz
Network Protocol: TCP/IP/DHCP or static
Security: WEP 64/128 Bit

Electrical Interface

DC Power: Internal 1800 mAh Li-Ion rechargeable
Antenna: Internal, omni-directional
Configuration: Over-the-air or serial RS-232
Charger: Output: 3.3 V/720 mA, Input: 110-240 V
Rack charger: Ekahau C201 (optional)

Battery Life

Scan-rate Battery life
10 sec 24 hours
1 h 1 month*
1 d 1 year*
External: DC power source (regulated 5V DC/500-600 mA)

Certifications

FCC: Part 15 and 22
CE Mark
Telec Mark
Frequency Band
Channels 1-11: North America
Channels 1-13: Global
Channel 1-14: Japan

Environment

Operating: 0 to 50 °C / 32 to 122 °F
Storage: -10 to 70 °C / 14 to 158 °F
Humidity: 20 to 95 % non-condensing, relative humidity
Protection: water splash proof, IP53/NEMA12

Typical Operating Range

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

Physical

Dimensions: 49 x 56 x 23 mm / 1.9 x 2.2 x 0.9 in
Weight: 80 g / 2.8 oz

*Estimate

Specifications subject to change without prior notice.

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