

Ekahau NIC-300

Wi-Fi Adapter for 802.11a/b/g/n Site Surveys, Troubleshooting and RTLS Deployment

Ekahau NIC-300 is a Wireless LAN (Wi-Fi) Cardbus adapter for surveying and troubleshooting 802.11a/b/g/n networks, and deploying Real-Time Location Tracking Systems. It is optimized for use with Ekahau products, such as Ekahau Site Survey. NIC-300 is used by wireless network administrators as well as wireless professional services engineers to accurately plan, verify and maintain wireless networks and Real-Time Location Tracking Systems.

Ekahau NIC-300 fits into any laptop that has a Cardbus interface. To use NIC-300 with laptops equipped with an Expresscard slot a converted can be used.

NIC-300 allows for accurate site surveys, simultaneously for 2.4 and 5GHz frequency bands. It supports the 802.11n Draft 2.0 standard, and thus can be used with practically any Wi-Fi network. Optimization for Ekahau products means unbeatable accuracy and performance when used together with Ekahau products.

For troubleshooting, NIC-300 can be used with Ekahau Site Survey to verify the network performance on the spot. You will spot broken and misconfigured access points, including missing security settings, as well as misconfigured 802.11n parameters such as channel bonding, short guard interval, Greenfield mode, and extension channels.

Ekahau NIC-300 is also optimized for deploying Ekahau Real-Time Location Tracking System (RTLS) for 802.11a/b/g/n networks using Ekahau Site Survey and Ekahau Activator.

Ekahau NIC-300 Benefits

- Optimized for Ekahau products
- Quick and accurate 802.11a/b/g/n site surveys
- Effective Wi-Fi troubleshooting
- Smooth Real-Time Location Tracking System deployment



Supported Ekahau products

- Ekahau Site Survey 4.4 and later
- Ekahau Activator
- Ekahau Positioning Client 4.0 and later

Supported operating systems

- Windows XP
- Windows Vista 32 bit

Certifications

- FCC
- CE

Supported 802.11n standards

- 802.11b – Max 11Mbps (2.4GHz)
- 802.11g – Max 54Mbps (2.4GHz)
- 802.11a – Max 54Mbps (5GHz)
- 802.11n - Max 300Mbps(2.4GHz and 5GHz, 20MHz and 40MHz bandwidth)

Environment

- Operation temperature: 0 to 55 degrees Celsius
- Storage temperature: 20 to 80 degrees Celsius

Interface

- Cardbus
- For laptops with an Expresscard slot, a Cardbus to Expresscard converter can be used

More Information

Product Website: www.ekahau.com/nic

Ordering / Inquiries: sales@ekahau.com

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Support / Tech Questions: support@ekahau.com

