



# Ekahau Sidekick®

Professional Wi-Fi measurement device for site surveys, spectrum analysis, and packet capture.

## Highly Accurate

Ekahau Sidekick® is a professional Wi-Fi device that provides highly accurate and standardized Wi-Fi measurements by using two Wi-Fi radios and a spectrum analyzer to achieve expert-level Wi-Fi site surveys and troubleshooting across your network.

## All-in-One

Ekahau Sidekick is the first of its kind purpose-built site survey and troubleshooting device for Wi-Fi networks. The onboard CPU and battery offloads much of the heavy lifting from the survey device, saving precious battery life and improving efficiency. The built-in battery lasts up to 8 hours, which means fewer interruptions so projects can be completed up to 30% faster. Ekahau Sidekick is lightweight and convenient to carry using the included shoulder strap — minimizing fatigue and maximizing productivity.

## Design, Analyze, Optimize, and Troubleshoot Wi-Fi Networks

Ekahau Sidekick is built to work with Ekahau Pro™ and Ekahau Survey™ for iPad for designing, analyzing, optimizing and troubleshooting Wi-Fi networks.

## Get up and Running Quickly

Ekahau Sidekick is plug-and-play with iOS, Windows and macOS devices. No custom drivers need to be installed. This means comprehensive Wi-Fi network data can be gathered quickly and accurately using Ekahau Pro or Ekahau Survey for iPad.

## Standardized and Accurate Measurements

Before Ekahau Sidekick, Wi-Fi measurements have been a mixed bag of measurements using various dongles and other Wi-Fi devices. Ekahau Sidekick delivers unbeatable accuracy and reliability using seven factory tested, internal antennas placed in optimum orientation, that deliver precise and consistent measurement accuracy. It also supports the latest Wi-Fi standards, including 802.11ax (Wi-Fi 6).



# Ekahau Sidekick



## Packet Capture

Ekahau Sidekick makes it possible for anyone to quickly capture Wi-Fi packets using Ekahau Capture™.\*

Easily capture the data needed to conduct expert level troubleshooting and in-depth analysis of Wi-Fi traffic.

\*Valid Ekahau Connect subscription required

## Two Internal Enterprise Grade Wi-Fi Radios

Measures Wi-Fi signal strength, noise, co-channel interference, network configuration information, and comprehensive spectrum analysis. The two internal enterprise grade Wi-Fi radios reduce survey and troubleshooting time, allowing onsite time to be cut by up to 50%. Both radios are capable of surveying the latest 802.11 Wi-Fi standards, including 802.11ax (Wi-Fi 6).

## Ultra-High Speed, High-Resolution Spectrum Analyzer

Today's Wi-Fi problems are not just caused by Wi-Fi, but increasingly by interfering non-Wi-Fi sources such as microwave ovens, cordless phones, and video transmitters. Ekahau Sidekick features an ultra-fast, high resolution spectrum analyzer that operates on both 2.4 and 5GHz bands simultaneously and provides automatic detection and classification of known interference sources. The spectrum analyzer speed is 4-10 times faster and more accurate than other Wi-Fi spectrum analyzers, resulting in quicker problem resolution, site survey walk-throughs, and more precise pinpointing of interference issues.

## Windows, iPad, or macOS. The choice is yours.

- Ekahau Sidekick is the only device that enables professional Wi-Fi site surveys on Windows, iPad, and macOS.

## Wi-Fi

- 2x dual-band (2.4 & 5GHz) high performance Wi-Fi adapters
- 802.11a/b/g/n/ac/ax for site surveys
- Configurable scanning channels
- Supports all regulatory domains
- Wi-Fi amplitude range: -20...-95 dBm
- Integrated antennas

## Package Contents

- Ekahau Sidekick® unit
- Messenger strap
- Power supply
- USB A -Micro-B cable
- Quick Guide

## Spectrum Analyzer

- Dual-band high res spectrum analyzer
- 2.4 & 5GHz
- HW max sweep speed: 25 per sec (both 2.4 & 5 GHz @ max accuracy)
- Amplitude range: -20 ... -92 dBm
- Frequency range / 2.4GHz: 2400...2495MHz
- Frequency resolution / 2.4GHz: 39kHz
- Frequency range / 5GHz: 5000...5950MHz
- Frequency resolution / 5GHz: 39kHz
- Integrated antennas

## Battery

- Battery life with typical use: 8+ hours
- Charge to 75% in: 2 hours

## Miscellaneous Specs

- Dimensions: 187 mm x 172 mm x 45 mm (7.38" x 6.76" x 1.75")
- Weight: 1020 g (2.2 lbs)
- Battery: 6400 mAh Li-ion
- Power Supply: 24V/2.7A
- Operating temperature: +5...+35° C
- Storage temperature: -20° C ~+60° C
- Storage: 128 GB SSD
- Hardware warranty: 1 year

## System Requirements

- macOS or Windows laptop or tablet capable of running Ekahau Pro
- Ekahau Pro 9.1 or higher required
- iPad requirements - iOS 12 required, iPad Pro recommended for optimal performance

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