

Ekahau Survey

Professional Wi-Fi site surveys anyone can do. Conduct unlimited health check and validation surveys with just the Sidekick 2 and iOS or Android device of your choice.



Conduct Wi-Fi Validation and Health Check Site Surveys Like Never Before

Ekahau Survey™ is the first professional Wi-Fi site survey tool for iOS and Android Devices. Connected to Sidekick 2™, this mobile-optimized solution is fast, accurate, and incredibly simple to use. Time to ditch the old laptop cart and dongle solution and level up with Ekahau Survey.

Just Go Surveys

The Just Go Survey mode* uses your iOS device's LiDAR camera, sensors, and Apple's AR technology to map the environment and walls in real-time. As you walk around, it automatically maps your walking path, detects the walls and sketches the floorplan based on your movement through the space. With zero preparation needed, Just Go Survey makes it faster and easier than ever for anyone to conduct accurate Wi-Fi site surveys.

Autopilot Surveys

The Autopilot Survey mode* automatically tracks your location on a map during the site survey, providing full freedom of movement while surveying with only one hand. It automatically locates and places all nearby access points on the map and delivers instant post-survey analysis with easy-to-read, beautiful, crystal-clear heatmaps. Paired with Ekahau Sidekick 2, the solution provides up to a full day of continuous surveying, keeping you surveying longer without needing to recharge.

Identify Security Vulnerabilities

Ekahau Survey streamlines network security by automatically identifying and highlighting unauthorized access points and RF interference present on your network. Additionally, the Survey app checks the encryption strength of your APs to identify weak security encryption protocols that leave your network vulnerable to attacks. Together, these tools provide a comprehensive solution for maintaining a robust and secure Wi-Fi environment.

Key Features

- Simple and easy to navigate touchscreen interface
- Ultra-lightweight mobile application
- Just Go Surveys can be conducted without uploading a floorplan or taking measurements
- Autopilot Survey automatically tracks your location during the site survey
- Quickly identify rogue APs, assess encryption strength, and locate RF interferers to ensure network safety and integrity
- Combined with Ekahau Sidekick 2 for uninterrupted all-day surveying
- Convert survey data into easy, step-by-step optimizations with Ekahau Optimizer™
- Seamlessly save and sync project files with Ekahau Cloud™ integration
- Heatmap analysis of coverage, interference and connectivity
- View in-depth scan details on your survey path directly on your iPhone or iPad
- Collaborate on projects remotely in near real-time

Inspect Mode

The Inspect mode* enables you to view in-depth scan details on your survey path to analyze the spectrum and better understand your RF environment right from your phone or tablet. View all scan points to see heard radios, RSSI, SNR, and Channel values and even analyze the spectrum to see how busy your RF environment is on each band and channel.

Pairs Perfectly with Ekahau Optimizer

The solution is intuitive and easy to use—any IT person can learn to survey in less than 60 seconds and convert Wi-Fi data into an easy, step-by-step optimization action plan to instantly boost Wi-Fi performance and security.

*Just Go, Autopilot, and Inspect mode currently available for iOS only.

Ekahau Survey Mobile App

Site Survey

- Perform 802.11a/b/g/n/ac/ax (Wi-Fi 6E and previous generations) touch-operated site surveys
- Autopilot Survey with automated location tracking capability
- Security vulnerabilities like rogue APs and RF interference automatically identified during survey
- Access points automatically located during survey
- Define exactly which channels to scan
- Annotate floorplans with text, photos, and drawings from iPhone's & iPad's built in camera
- Import projects from Ekahau AI Pro
- Ekahau Cloud and Ekahau Sidekick 2 integration for automatic saving and syncing

Map View, Coverage Analysis

- On-the-spot network analysis
 - + Signal Strength
 - + Signal Strength (2nd strongest)
 - + Channel Interference
 - + Round-trip time
 - + Noise
- Per AP heatmaps
- SSID selector - visualize heatmaps based on selected SSID
- See your Wi-Fi infrastructure layout
- Change or add new requirements within the app

Inspect Mode for iOS

- View each and every measurement point made during your survey with modes for:
 - + Frequency Waterfall view
 - + Channels view
 - + Combined time-based graphs
 - + Radios view
- Analyze the spectrum to get better insight into how busy your RF environment is on each band and channel
- No need to open your laptop—review detailed measurement data from the app

- Asses wall attenuation values by comparing points on each side of the wall

Minimum Device Requirements

- Android OS 9 or newer
 - + Compatible models: 4+ GB RAM, Quad Core CPU, 1080 x 1920 screen resolution
 - + Cable Requirements: Android OTG (On the Go) cable connected directly to the Sidekick 2
- Apple iPhone/iPad with iOS 16 or newer
 - + iPhone 8 / iPhone SE (2nd generation) or newer; 12.9-inch iPad Pro (all models); 11-inch iPad Pro (all models); 10.5-inch iPad Pro; 9.7-inch iPad Pro; iPad (5th generation); iPad Air (3rd generation); iPad mini (5th generation) or newer models
 - + Cable Requirements: USB-C to USB-C cable (iPhone 15 and iPad Pro models), Apple Lightning to USB Camera Adapter or Apple USB-C to USB Adapter (iPhone 14 and older iPhones and iPads with Lightning connector)
- Just Go iOS Device Requirements
 - + The Just Go Survey mode relies on the iOS device having the LiDAR (Light Detection And Ranging) sensor, which uses laser pulses to create 3D representations of objects, is available on several iPhone and iPad models. Please check the capabilities of your iOS device if it has the LiDAR sensor.
 - + If your iOS devices does not support LiDAR, the Just Go Survey mode will not be available for you to use.



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