Ekahau Analyzer for Android & iOS

The Most Powerful Wi-Fi Validation & Troubleshooting Tool in the Market

Diagnose your network faster, more accurately, and on the go!

Ekahau Analyzer™ is a professional grade Wi-Fi health validation and troubleshooting tool for Android and iOS devices. Utilizing the Sidekick's high-resolution measurement capabilities, Analyzer displays network health on your mobile device.

The simple interface provides a quick and easy-to-understand pass/fail indication of Wi-Fi network quality, identifying network problems based on predefined requirements. These predefined requirements are the most common network issues, such as channel utilization and co-channel interference. This significantly reduces the complexity of Wi-Fi troubleshooting and validation, enabling you to more quickly take corrective actions.

Start validating and troubleshooting your wireless network in less than 60 seconds. On-site staff as well as other team members are able to quickly identify potential issues and relay info back to senior resources. This allows anyone to gain real-time, actionable intelligence without having to physically be on site—resulting in minimal-to-no down time of your network.

Now available for Android & iOS Devices

� Super fast & high resolution spectrum measurements to identify interference sources on your mobile device

▸ Simple and easy to navigate touchscreen interface with clear pass/fail indication

▸ Automatic & continuous Wi-Fi health validation against industry defined requirements

▸ Standardized and accurate measurements provided by Ekahau Sidekick™

▸ Optimize network performance by seeing the bottlenecks of your Wi-Fi network

▸ Identify and locate rogue and unauthorized access points

▸ Ultra-lightweight Android & iOS application

▸ Compatible with all iOS devices running iOS 12 or newer and Android OS 8 devices or newer

Ekahau Analyzer Features

▼ **Auto-Test**
Ekahau Analyzer automatically validates the health of your Wi-Fi network by testing against predefined requirements and displaying results with clear and easy-to-understand pass / fail indication.

▼ **Signal Strength Analysis**
The Signal Strength view provides instant access to your Wi-Fi network details, showing the primary signal level and secondary signal for redundancy and roaming purposes.

▼ **Signal-to-Noise Ratio (SNR) Analysis**
The SNR view shows signal quality of your network, which directly impacts achievable data rates and how different clients and applications perform in your network.

▼ **Channel Quality Analysis**
Channel quality view quickly determines which channels in your network are over utilized and are causing interference.

▼ **Connectivity Analysis**
Actively test your network with your mobile device by monitoring the roaming behavior and verifying your network has sufficient overlap.

▼ **Spectrum measurements**
The Spectrum view utilizes the full Ekahau Sidekick high resolution, high speed spectrum analysis capabilities on your mobile device—allowing you to troubleshoot interference issues and identify common interferes automatically.

Ekahau Analyzer Benefits

▼ Provides mobility and convenience for troubleshooting the most common network problems with the mobile device right in your pocket. This enables you to be faster, more mobile and safer.

▼ Other than Ekahau Sidekick, only your Android or iOS device is needed; no laptop is required on site.

▼ Ekahau Analyzer is an insurance policy against prolonged Wi-Fi downtime, by reducing the complexity of Wi-Fi troubleshooting and validation — enabling you to resolve Wi-Fi related issues in no time.

▼ On-site staff as well as other team members now can quickly identify potential issues and relay info back to senior resources.

▼ Helps you to discover and locate rogue devices and other surrounding networks which may interfere with the performance of your network.

▼ Identify radios suffering from high noise floor or low signal level.

▼ Optimize the channels your access points are operating on and improve the overall performance of your network.

▼ Determine the severity of the interference, as well as identify and locate the source.

Minimum Device Requirements

Android OS 8 or newer

2 GB RAM
Quad Core CPU
1080 x 1920 screen resolution

Cable Requirements: Android OTG (On the Go) cable connected directly to the Sidekick

Apple iPhone/iPad with iOS 12 or newer

iOS **Compatible models:**
iPhone 6s / iPhone SE or newer; 12.9-inch iPad Pro (all models); 11-inch iPad Pro; 9.7-inch iPad Pro; iPad (5th generation); iPad Air & iPad Air 2; iPad Mini 2 or newer models

Cable Requirements: Apple Lightning to USB Camera Adapter or Apple USB-C to USB Adapter

Ekahau Sidekick
More info: www.ekahau.com/sidekick

Ekahau Connect
More info: www.ekahau.com/connect

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WIRELESS DESIGN