ekahau
WIRELESS DESIGN

Ekahau Sidekick 2

The fastest, most precise Wi-Fi testing and measurement device now supercharged and tuned for 6 GHz (Wi-Fi 6E), 5 GHz, and 2.4 GHz

If You Want Great Wi-Fi, You Need Sidekick 2

You can't guess with Wi-Fi. From floor plan scale and wall material attenuation, to environmental interference and validation measurements — accuracy matters. Ekahau Sidekick 2 is the fastest, most advanced Wi-Fi performance testing and measurement device on the market, lab calibrated to deliver pinpoint accuracy for reliable and repeatable Wi-Fi signal and spectrum data capture.

Save time and money by getting AP placement right the first time and rest easy knowing you have what you need to identify and address Wi-Fi issues before they lead to costly outages. Put simply — if you want great Wi-Fi, you need Sidekick 2.
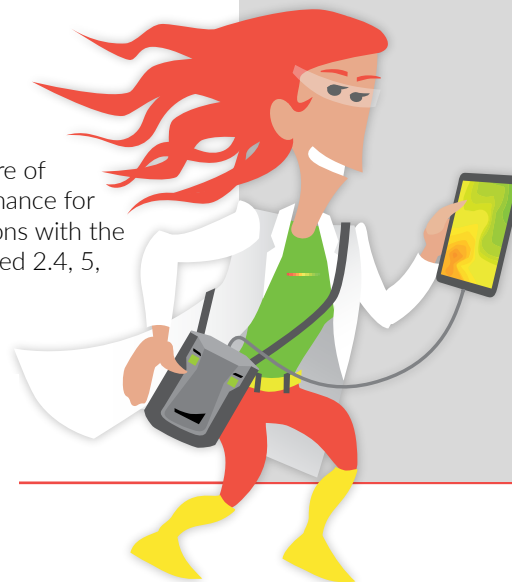
Unrivaled Speed and Accuracy

The new levels of accuracy available with Sidekick 2 allow you to not only identify your Wi-Fi signal strength at every point of your network, but also measure your network health and provide early detection for environmental changes that can negatively impact your network. With Sidekick 2, you can ensure your Wi-Fi is always optimized and ready to meet the connectivity needs of your business.

Validate and Visualize 2.4, 5, and 6 GHz Wireless Networks

Take full advantage of the upgraded speed and channel availability of Wi-Fi 6E with a network design that's been validated for 6 GHz by the most trusted name in Wi-Fi design. With 4 enterprise-grade tri-band Wi-Fi radios, Sidekick 2 scans more data across more channels than any other Wi-Fi measurement tool giving you the clearest picture of your Wi-Fi health, and ensuring the highest level of performance for your Wi-Fi users. Support your next-gen business applications with the unprecedented speed and reliability of your Ekahau-perfected 2.4, 5, and 6 GHz network designs.

Key Features

- 2.4/5/6 GHz (Wi-Fi 6E) Wi-Fi Site Survey & Spectrum Analysis
- 4 Enterprise-Grade Tri-Band Wi-Fi Radios
- 9 Custom Wideband 3D Antennas
- 50 Sweeps/Second Spectrum Analyzer
- All-Day Battery Life
- Whisper-Quiet Active Cooling
- USB-C Connectivity
- Support all regulatory domains
- For use with Android, Windows, iOS or macOS

Ihr Ansprechpartner / Your Partner:

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E-Mail: info@datatec.eu
>>> www.datatec.eu

Mess- und Prüftechnik. Die Experten.

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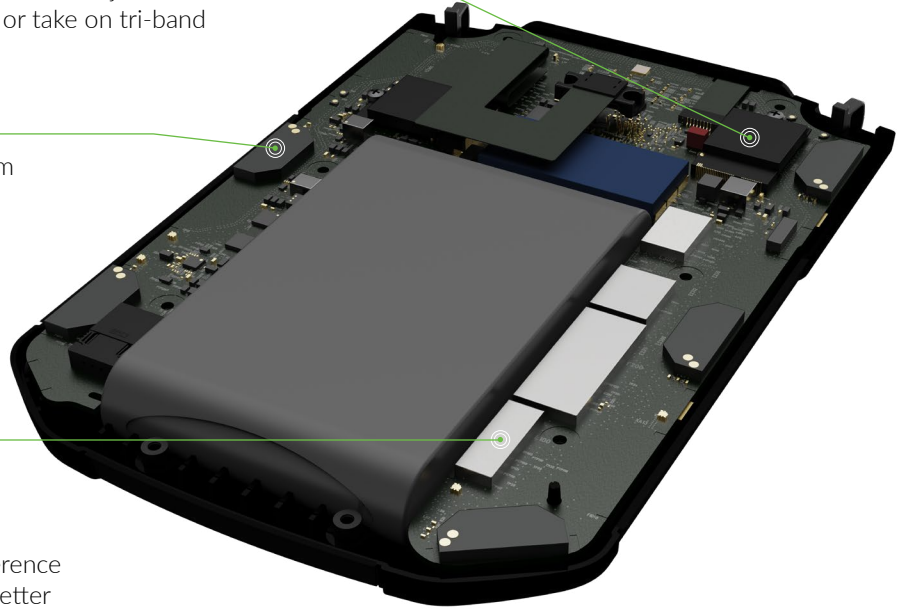# Ekahau Sidekick 2

4 Enterprise-Grade Tri-Band Wi-Fi Radios

Capture more data in less time with 4 tri-band Wi-Fi radios that scan 2.4, 5 and 6 GHz frequency bands faster than the original Sidekick scans just 2.4 and 5. Supercharge your dual-band network survey speeds or take on tri-band networks faster than you've ever surveyed before.

9 Custom Wideband 3D Antennas

Get unbeatable accuracy and reliability with 9 custom designed 3D antennas positioned for optimum omnidirectional measurement consistency. By eliminating variances between devices, you can trust the data collected is always accurate and actionable.

50 Sweeps/Second Spectrum Analyzer

See the invisible Wi-Fi spectrum from 2,400–7,125 MHz in brilliant high definition with the fastest refresh rates so you'll never miss a microsecond of interference. Capture quicker interference events and zoom in to the smallest details with 4X better resolution bandwidth.
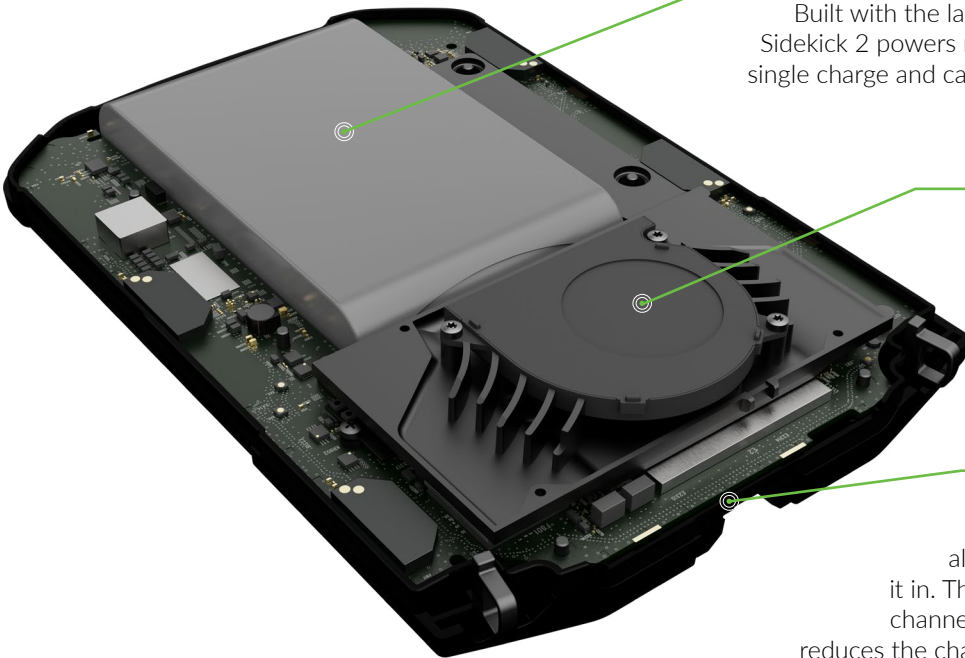
All-Day Battery

Built with the largest battery allowed on commercial airlines, Sidekick 2 powers more than a full day of onsite surveying on a single charge and can even be topped off for an extra 4 hours of active use with just 1 hour of charging.

Whisper-Quiet Active Cooling

The active cooling system in Sidekick 2 maintains optimal operating temp in harsh conditions. It's whisper quiet and just one of the many reasons that Sidekick 2 is so cool.

Now Featuring USB-C Connectivity

Charge faster and with improved reliability thanks to a USB-C connection port that's always the 'right way' no matter how you plug it in. The snug fit and reinforced cable management channel takes the pressure off your connection and reduces the chance of an accidental mid-survey disconnect.

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Android, Windows, iOS or macOS. Sidekick 2 connects.

- Ekahau Sidekick 2 enables professional Wi-Fi site surveys and spectrum analysis on your device of choice (including the one in your pocket).

Wi-Fi Measurement & Testing

- 4x tri-band (2.4, 5 & 6 GHz) high performance Wi-Fi radios
- 9 custom 3D integrated antennas for omnidirectional accuracy
- Wi-Fi 4, Wi-Fi 5, Wi-Fi 6, Wi-Fi 6E site surveys
- Legacy 802.11a/b/g site surveys
- Configurable scanning channels
- Supports all regulatory domains
- Wi-Fi amplitude range: -20...-92 dBm

Spectrum Analyzer

- Tri-band (2.4, 5 & 6 GHz) high resolution spectrum analyzer
- Max sweep speed: up to 50 sweeps per second (2.4, 5 & 6 GHz @ max accuracy)
- Amplitude range: -20...-92 dBm
- Frequency range: 2.400-2.495 & 5.000-7.125 MHz
- Spectrum capture width: 80 MHz
- Frequency resolution: 19 kHz all bands

Package Contents

- Ekahau Sidekick 2 unit
- Messenger strap
- Power supply
- USB-C - USB-C cable
- Quick guide setup instructions

Battery

- Battery life:
  + Typical site survey: 2 working days on a single charge
  + Quick charge: Top off for an extra 4hrs of active use with 1hr charge
- Rechargeable Li-ion: 96.4 watt hrs (Largest available on commercial airlines per FAA guidelines)

Product Specifications

- Dimensions: 155 mm x 226 mm x 39 mm (7.14" x 8.9" x 1.54")
- Weight: 1080 g (2.4 lbs)
- Battery: 96.4 Wh Li-ion
- Power Supply: USB-C 20V/3A
- Operating temperature: +5°C...+35°C
- Storage temperature: -20°C ...+60°C
- Storage: 120 GB SSD
- Hardware warranty: 1 year (3yr extended warranty available)

System Requirements

- macOS or Windows laptop or tablet capable of running Ekahau AI Pro
- iPhone & iPad requirements: iOS 12 or higher required, iPad Pro or iPhone 13 Pro recommended for optimal performance
- Android requirements: Android 12 or higher

Solution Requirements

- Ekahau AI Pro 11.1 or higher required
- Ekahau Connect Subscription required for full functionality (includes Ekahau Survey, Ekahau Analyzer, Ekahau Insights, Ekahau Capture, Ekahau Cloud)

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Speed tests calculated using PSC channels only

Ekahau Sidekick 2 with Ekahau Survey mobile app

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