Overview

Have you been in a wireless troubleshooting situation where your signal strength should have been good, but there were still network issues? You need Wi-Spy and Chanalyzer, the spectrum analysis toolkit that lets you see invisible interference that your computer's wireless adapter can't see alone.

The Wi-Spy 2.4x works together with Chanalyzer to show how your 802.11b/g/n Wi-Fi is being affected by interference from microwave ovens, cordless phones, and other non-Wi-Fi devices. Seeing where interfering devices are active ensures you can pick the best channel for your Wi-Fi or ZigBee deployment.

Interference occurs when multiple transmitters overlap or occupy the same frequency range or channel-causing dropouts, irregular performance, or complete network failure. MetaGeek simplifies troubleshooting by using color and shape as indicators of issues. You can also fine tune the hardware to exactly the specifications you need, and change the visual display to show information as you like, getting deep insight into the invisible.

The Wi-Spy 2.4x scans the 2.4Ghz frequency range where you'll find ZigBee devices, cordless phones, WiFi Networks, Microwave Ovens and other wireless devices and interference causers. All wireless ecosystems need MetaGeek's Wi-Spy and Chanalyzer, which allow you to see what wireless devices are affecting an environment.

Rule out interference first. MetaGeek's Wi-Spy allows you to plan and choose your channel selection like an expert while doing real-time interference troubleshooting. Eliminate the dread of not knowing about issues by adding the Wi-Spy USB spectrum analyzer to your tool kit.

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WHAT YOU GET

Wi-Spy2.4x USB Spectrum Analyser Hardware

Chanalyzer Software

Report Builder Software

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FEATURES & BENEFITS

- Easy 2.4 Ghz spectrum analysis, get started in seconds
- Congestion heat map quickly shows concentrations of interference
- See Non-Wi-Fi Interference
- Fully Configurable Hardware Settings
- Isolate with Frequency and Amplitude Markers
- Always-on recording and playback of interference

Wi-Spy 2.4x SPECS

Antenna: RP-SMA
Frequency Range: 2.4 - 2.495 GHz
Amplitude Range: -110 to -6.5 dBm
Amplitude Resolution: 0.5 dBm
Resolution Bandwidth: 60 to 675 KHz

SYSTEM REQUIREMENTS

OPERATING SYSTEM

Microsoft® Windows 7, Vista, XP (SP3) (64 & 32-bit)
Windows Zero Configuration (WZC)

MAC OS X VIRTUALIZATION

VMware Fusion, Parallels
NOTE: Virtual machines require an external
USB Wi-Fi adapter to view Wi-Fi information

DISPLAY RESOLUTION

1024 x 768 (or better)

RAM

2GB (recommended minimum)

USB PORT

1.1 (or better)

WIRELESS ADAPTER

802.11 a / b / g / n compatible (802.11 n recommended)

FRAMEWORK

Microsoft® .Net 3.5 (or better)

VISUALIZATION

Chanalyzer, Chanalyzer Lab, Chanalyzer for Mac