

HARDWARE

**SPECTRUM
ANALYSIS
for 802.11**

Get a Wi-Spy.

MetaGeek's Wi-Spy might fit in your pocket, but this portable USB spectrum analyzer is loaded with big-time performance. Its high-resolution and enhanced amplitude range make the Wi-Spy easy for you to identify interference in the 900 MHz, 2.4 GHz, or 5 GHz spectrum. With MetaGeek's compact spectrum analyzer, you can save time and money while installing, troubleshooting and managing your wireless networks.

Begin your troubleshooting at the Physical Layer.

Let's face it, the 2.4 GHz band is crowded. That's why wireless professionals need Wi-Fi tools that quickly isolate interference sources and identify the quietest available channel. MetaGeek's Wi-Spy is an easy-to-use tool designed for IT professionals, wireless network consultants, and anyone who needs a compact Wi-Fi spectrum analyzer to troubleshoot and optimize wireless networks.

Why is Wi-Spy the right tool?

- Helps identify the best open channels for your networks
- Minimize troubleshooting and optimize wireless installations
- Track radio activity and analyze interference
- Isolate persistent interference
- Install and get started in seconds

Who can benefit from Wi-Spy?

- Wireless IT Consultants and Professionals
- 802.11 a / b / g / n Network Engineers
- 802.15.4 A/V and Automation Installers
- Those curious about their wireless networks
- Individuals and groups looking for affordable tools



Wi-Spy DBx
2.4 & 5 GHz

Wi-Spy 2.4x
2.4 GHz

Wi-Spy 900x
900 MHz

"Wi-Spy DBx Pro is the only option that's affordable for our whole team"

Chanalyzer Pro takes Wi-Spy to the next level.

Use together with Chanalyzer



See reverse for details

| | Wi-Spy 900x | Wi-Spy 2.4x | Wi-Spy DBx |
|-------------------------------|--|---|---|
| Frequency Range | 862 MHz to 928 MHz | 2.400 to 2.495 GHz | 2.400 to 2.495 GHz, 5.150 to 5.850 GHz |
| Amplitude Range | -105 dBm to -6.5 dBm | -110 dBm to -6.5 dBm | -100 dBm to -6.5 dBm |
| Amplitude Resolution | 0.5 dBm | 0.5 dBm | 0.5 dBm |
| Resolution Bandwidth | (900 Mhz) 53.571 to 750.000 KHz | (2.4 GHz) 58.036 to 812.500 KHz | (2.4 GHz) 58.036 to 812.500 KHz (5 GHz) 53.571 to 750.000 KHz |
| Sweep Time | (900 Mhz) 307 msec | (2.4 GHz) 507 msec | (2.4 GHz) 507 msec (low 5 GHz) 1242 msec (mid 5 GHz) 1587 msec (high 5 GHz) 641 msec |
| Antenna | RP-SMA | RP-SMA | RP-SMA |
| Compatible Software | Chanalyzer 4 Chanalyzer Pro Chanalyzer Lab * | Chanalyzer 4 * Chanalyzer Pro Chanalyzer Lab | Chanalyzer 4 * Chanalyzer Pro Chanalyzer Lab |
| Additional Accessories | | Device Finder Directional Antenna (requires Chanalyzer Pro) | Device Finder Directional Antenna (requires Chanalyzer Pro) |

* Included in Purchase

Training Videos

bit.ly/wi-spy-training



Chanalyzer

spectrum analysis software

The premier wireless network troubleshooting and diagnosis tool. Together, with Wi-Spy hardware, visualizes RF.

- Determine proper channel
- Visualize networks



Device Finder

2.4GHz directional antenna

Enhance your Wi-Spy's ability to track down interference.

USE WITH: **Wi-Spy DBx, 2.4x**



REQUIREMENTS

| | |
|---------------------------|--|
| SOFTWARE | Chanalyzer Chanalyzer Pro Chanalyzer Lab |
| OPERATING SYSTEM | Windows 7, Vista, XP (SP3) |
| DISPLAY RESOLUTION | 1024 x 768 (or greater) |
| FRAMEWORK | Microsoft .net 3.5 (or newer) |
| USB | 1.1 (or greater) |

SOFTWARE

**SPECTRUM
ANALYSIS
for 802.11**

Enjoy the satisfaction of a nearly perfect WLAN implementation.

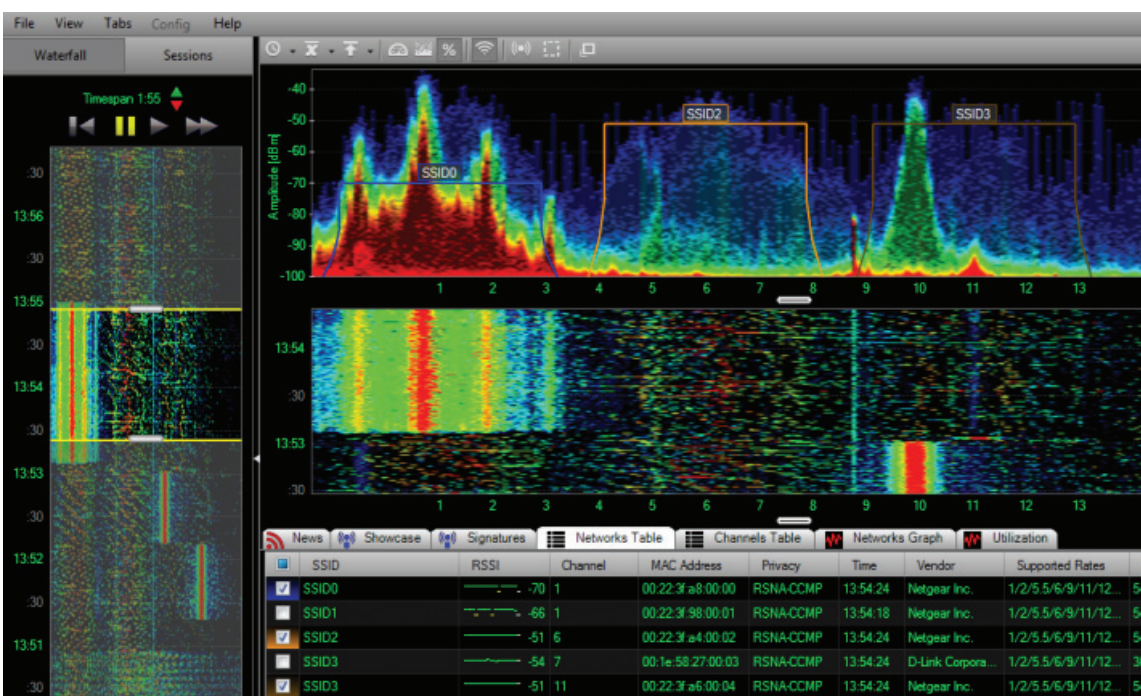
Chanalyzer turns data collected from a Wi-Spy into highly interactive charts and graphs, allowing users to visualize their wireless landscape. Chanalyzer, combined with a wireless network card, can also display available access points as they appear in the spectrum, giving quick insight into whether interference is Wi-Fi or non-Wi-Fi related.

Together, Wi-Spy and Chanalyzer enable both enterprise and small business users to visualize, troubleshoot, and optimize WLANs. MetaGeek products are affordably priced to allow everyone, from individuals to large teams, access to professional-grade wireless spectrum analysis hardware and software.

MetaGeek has created several variations of Chanalyzer for you to use.

Chanalyzer Pro is designed from the ground-up to be our premier software package for Wi-Fi professionals. It has all the basic elements of Chanalyzer, and includes advanced features like Report Builder, allowing you to produce customizable Wi-Fi reports of your findings for customers or clients. Chanalyzer Pro also includes our Waterfall Navigation View, making recordings visual and easy to navigate for identifying interference. It also has a unique utilization tab which allows you to clearly see utilization amplitude over time. Chanalyzer Pro can also be used with our Device Finder directional antenna, allowing users to quickly track down offending devices with a hot/cold feedback view.

Chanalyzer Lab is designed for users that need customized control of the Wi-Spy hardware settings and is ideal for developing wireless devices and testing wireless equipment, such as RFID, wireless audio/video, smart meters, and sensor networks.



Chanalyzer Pro takes Wi-Spy to the next level.

Wi-Spy was named a **“Must-Have Product”** by Popular Science

Use together with Wi-Spy

2.4x (2.4 GHz)
DBx (2.4 and 5GHz)
900x (900 Mhz)

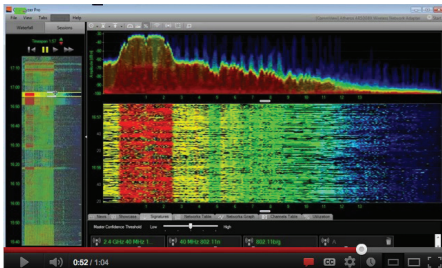


See reverse for details

| | Chanalyzer | Chanalyzer Lab | Chanalyzer Pro |
|---|--|--|--|
| Works with these Wi-Spy Models | Wi-Spy 2.4x Wi-Spy DBx Wi-Spy 900x | Wi-Spy 2.4x Wi-Spy DBx Wi-Spy 900x | Wi-Spy 2.4x Wi-Spy DBx Wi-Spy 900x |
| See Wi-Fi Networks Graph | ✓ | | ✓ |
| Collect Wi-Fi Networks Data | ✓ | | ✓ |
| Create Device Classifications | ✓ | | ✓ |
| Use Classifier Shlhouttes | ✓ | | ✓ |
| Record and Save Your Sessions | ✓ | ✓ | ✓ |
| Drag & Zoom for Closer View | ✓ | ✓ | ✓ |
| Specify with Full Hardware Configuration Control | | ✓ | |
| Mark Frequency & Amplitude | | ✓ | |
| Navigate Recording with our Waterfall View | | | ✓ |
| See Utilization Visualized | | | ✓ |
| Automatically Classify Devices | | | ✓ |
| Locate Signals with Device Finder | | | ✓ |
| Create Custom Reports of Findings | | | ✓ |

Training Videos

bit.ly/chanalyzer-training



Wi-Spy

spectrum analysis hardware

The premier wireless network troubleshooting and diagnosis tool. Together, with Chanalyzer software, visualizes RF.

- Determine proper channel
- Identify interference
- Visualize networks

MODELS AVAILABLE

Wi-Spy 2.4x (2.4 GHz), Chanalyzer included

Wi-Spy DBx (2.4 and 5GHz), Chanalyzer included

Wi-Spy 900x (900 Mhz), Chanalyzer Lab included



Device Finder

2.4GHz directional antenna

Enhance your Wi-Spy's ability to track down interference.

USE WITH: **Wi-Spy DBx, 2.4x**



REQUIREMENTS

| | |
|-------------------------------|--|
| OPERATING SYSTEM | Windows 7, Vista, XP (SP3) |
| MAC OSX VIRTUALIZATION | VMware Fusion, Parallels <small>Virtual machines require an external USB Wi-Fi adapter to view Wi-Fi information.</small> |
| DISPLAY RESOLUTION | 1024 x 768 (or greater) |
| FRAMEWORK | Microsoft .net 3.5 (or newer) |
| RAM | 2GB (recommended minimum) |
| HARDWARE | Wi-Spy DBx, 2.4x, 900x |
| WIRELESS ADAPTER | 802.11n recommended a, b, and g compatible |