wi·spy 900x

868 and 915 Band Visibility

The Wi-Spy 900x takes the field proven, no-hassle operation of Wi-Spy spectrum analyzers, and brings it to the unlicensed 868 and 915 MHz bands. With a USB form factor and software-driven features, the Wi-Spy 900x is incredibly mobile – just like it's Wi-Fi-centric Wi-Spy counterparts. Easy to use and quick to set up, Wi-Spy 900x lets users work not only in the lab, but also in the field, on the job site, or wherever visibility into the spectrum is needed.

Bundled with MetaGeek's Chanalyzer Lab software, the Wi-Spy 900x is packed with unique features that make it ideal for working with many types of wireless technology, including RFID, automation, sensor networks, smart meters and anything else that operates on these common frequency bands.

Together Chanalyzer Lab and Wi-Spy 900x allow custom configuration of hardware step size, resolution bandwidth and frequency range, so users can view exactly what is needed for the task at hand.

Technical Specifications

Maximum Zoom:	**1.0 MHz**
Capture Limit:	**Dependant on hard disk space**
Frequency Range:	**862 MHz to 928 MHz**
Amplitude Range:	**-105 dBm to -6.5 dBm**
Amplitude Resolution:	**0.5 dBm**
Resolution Bandwidth:	**53.571 to 750.000 KHz**
Sweep Time*:	**370 msec**

* Sweep Time shortened or lengthened according to Zoom and Resolution settings.

Key Features

- **868 and 915 Band Visibility**
- **Full Hardware Configuration**
- **Bundled with Chanalyzer Lab**
- **RP-SMA Antenna Connector**
- **Fine Resolution**
- **Full 64-bit Support**

Requirements

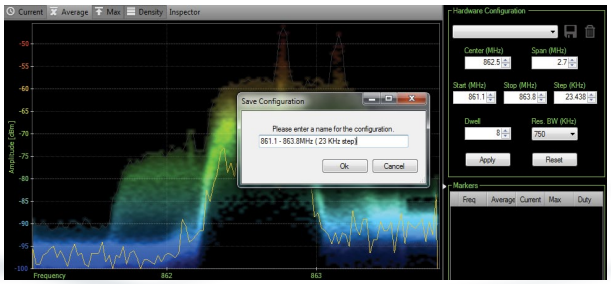
OS	Windows 7, Vista or XP (SP3)
Mac OSX Virtualization	VMware Fusion, Parallels
Framework	Microsoft .Net 3.5
Screen Resolution	1024 x 768 (or Greater)
RAM	1 GB (Rec. Minimum)
Processor	1 GHz (Rec. Minimum)
Wireless Card	Windows Zero Configuration (WZC)

Supported Software

Chanalyzer Lab
Chanalyzer 4
Chanalyzer Pro

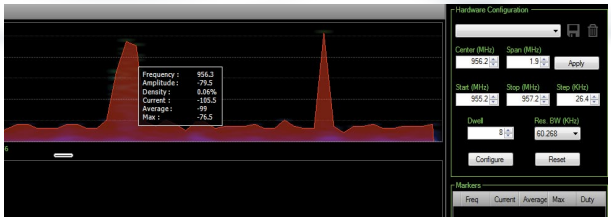
Hardware Configuration Panel

Wi-Spy 900x with Chanalyzer Lab lets users zoom-in on specific frequency ranges, specify step size, control dwell time and adjust resolution bandwidth for optimal visualization. Configurations can be saved and implemented in future sessions for quick and easy set up.



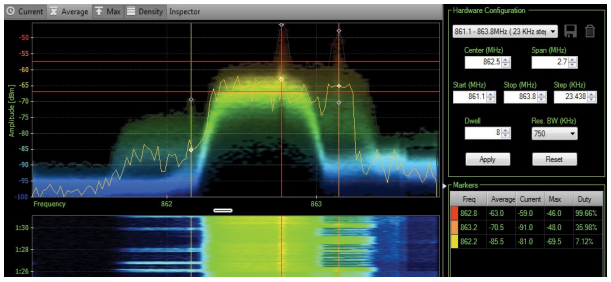
Inspector

The Inspector tool provides an instant frequency, amplitude, density, current average, maximum reading and time, while hovering over the spectrum graph. This functionality provides a quick snapshot of individual frequency-amplitude points.



Markers

Frequency markers and amplitude markers let users designate specific frequencies and amplitudes for simplified viewing on the graph. Frequency, current, average, maximum and duty cycle are measured for each set frequency marker and displayed in the Markers Table.



Customizable Colors

Wi-Spy 900x running Chanalyzer Lab supports customizable colors and overlays of current, average and maximum readings.

Multi-Device Support

Run multiple Wi-Spy 900x devices at the same time to view multiple sections of frequency bands in the same session.