

# Overview

When the Vancouver Organizing Committee for the 2010 Winter Olympic Games was preparing for the arrival of thousands of international athletes and millions of excited spectators, they knew they'd need an accurate and easy-to-use tool to identify WLAN interference and unauthorized activity on wireless networks across their multiple venues. With MetaGeek's Wi-Spy DBx, the committee found the functionality and reliability they needed, in a compact, affordable and easy-to-use package.

Wi-Spy DBx is a full-featured dual band spectrum analyzer that helps you install, analyze, optimize and troubleshoot 2.4 GHz and 5 GHz wireless networks. Whether you're setting up your first wireless network, expanding current wireless capabilities, managing multiple networks, or making a move to 802.11n or 802.11a, MetaGeek's Wi-Spy DBx has got you covered.

MetaGeek's Wi-Spy DBx is a professional-grade spectrum analyzer that comes bundled with Chanalyzer. Chanalyzer displays RF data collected from Wi-Spy spectrum analyzer, showing you the channels and frequencies where Wi-Fi, ZigBee, and other possibly interfering devices are active in the 2.4 GHz and 5 GHz bands. Chanalyzer's Session Manager provides the ability to categorize your spectrum survey captures by room, floor, or site. The Waterfall Navigation feature allows you to jump directly to the point of a recording where RF activity was highest— a huge time savings over linear analysis. A daytime color scheme ensures readability in bright locations. Optional accessories include a Cisco CleanAir® to connect remotely to CleanAir APs, Report Builder for documenting findings, and Device Finder for locating interfering transmitters.

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## WHAT YOU GET

**Wi-Spy DBx USB Spectrum Analyser Hardware**

**Chanalyzer Software**

**1Yr Metacare**



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## FEATURES & BENEFITS

- Dual band (2.4 GHz and 5 GHz) 802.11a/b/g/n coverage
- Compact and portable USB design
- Advanced hardware control lets you zoom-in for greater detail
- Multiple high resolution graphical displays for easy network analysis
- Quick installation and easy to use
- Enterprise-class performance with a do-it-yourself price
- User community and dedicated product support

## Wi-Spy DBx SPECS

**Spectrum: 2.4GHz / 5GHz**

Frequency Range: 2.5 to 2.495 GHz / 5.150 to 5.850 GHz

Frequency Resolution: 26KHz to 3 MHz / 24KHz to 3 KHz

Filter Bandwidth: 58 to 650.000 KHz / 54 to 600KHz

Antenna: RP-SMA

Amplitude Resolution: -100 dBm to - 6.5 dBm

Amplitude Bandwidth: 0.5 dBm

# 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

