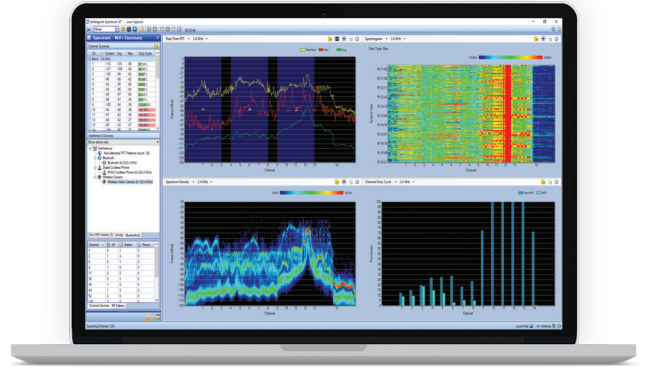


# AirMagnet® Spectrum XT

## Network Interference Analyzer

### Key Features

- Simplify interference troubleshooting by eliminating the need to interpret squiggly lines or manually match classification patterns
- Locate any Wi-Fi or non-Wi-Fi interference sources operating in the RF environment with the built-in device locator tool
- Prioritize Wi-Fi interference troubleshooting activities and reduce time to locate and fix wireless network issues
- Secure the Wi-Fi network by inspecting No Wireless Zones and detecting intentional RF interference sources such as RF jammers



### Overview

Trying to pinpoint the source of Wi-Fi interference on a wireless network is hit or miss with the wrong tools. AirMagnet Spectrum XT is a Wi-Fi spectrum analyzer that offers a combined view of impact analysis of RF interference on the wireless network's overall performance. This versatile solution is available in a universal USB form factor, and works on any Microsoft Windows notebook, netbook, or tablet PC.

### Capabilities

#### Interference

- Real-time detection and identification of non-Wi-Fi interference sources
- Extensive device source list:
  - Bluetooth® devices
  - Cordless phones
  - Microwave ovens
  - Wireless game controllers
  - Digital video converters
  - Radar transmissions
  - RF jammers
  - More!
- Details on non-Wi-Fi interference sources
- Built-in “device locator tool”

#### Integration with AirMagnet Survey PRO

- Perform RF spectrum surveys or sweeps
- Conduct active or passive site surveys in parallel
- Gain list of RF interference sources
- Gain access to:
  - Channel power heat map
  - Interferer power/location heat map

#### Diagnostic Views

- Key graphs and charts:
  - Real-time FFT
  - Spectrum density
  - Spectrogram
  - Duty cycle
  - Event Spectrogram
  - Channel Power
  - Average power readings of interfering devices

#### Reporting

- Turn RF spectrum analysis into professional reports
- Generate reports on current environment
- Can be exported into:
  - Word
  - PDF
  - Excel
  - XML
  - CSV

#### Response

- Monitors for unique and repeating RF interference signals
- Create customized signatures for future alerting
- Allows for fast “zero-day” response

# AirMagnet® Spectrum XT

## Network Interference Analyzer

### Models and Accessories

Models	Contents
AM/B4070	AirMagnet Spectrum XT (USB Based)
AM/B4070-1YS	1 year AllyCare Support for AirMagnet Spectrum XT — AM/B4070
AM/B4070-3YS	3 year AllyCare Support for AirMagnet Spectrum XT — AM/B4070
AM/B4072	AirMagnet USB Spectrum adapter — Replacement Only
AM/A4040	AirMagnet Directional Antenna
AM/D1080	NETSCOUT D1080 802.11A/B/G/N/AC USB Adapter (different versions available depending on regulatory domain)

### Specifications

General	
Frequency range	2402 to 2494 MHz; 5160 to 5330 MHz; 5490 to 5710 MHz; 5735 to 5835 MHz; 4910 to 4990 MHz
USB specs	Unit width 38.1 mm; length 108.2 mm; height 8mm; weight 31.2 grams; operating temp: 0° to 70°C (32°F to 158°F)
DC power	Voltage supply 5 Volts; Active power: 2 Watts
Capture limit	Dependent on Hard disk space
Amplitude accuracy	+/- 2 dB
Resolution bandwidth	156.3 KHz
Max input	0 dbm
Sweep time	64 msec per 20 MHz or 64 msec per channel

### System Requirements

Laptop/Notebook PC/Tablet PC
Operating Systems: Microsoft® Windows 7 Enterprise/Professional/Ultimate 64-bit, or Microsoft Windows 8.1 Pro/Enterprise 64-bit or Microsoft® Windows 10 Pro/Enterprise 64-bit
Intel® Core™ 2 Duo 2.0 GHz (Intel® Core™ i5 or higher recommended)
2 GB RAM required (4 GB recommended)
250 MB free hard disk space
USB Port, multiple ports in the PC when using optional wireless adapter
Microsoft .NET Framework 2.0
Apple® MacBook® PRO
Operating Systems: MAC OS X v10.9 (or higher) running a supported Windows OS (as noted under Laptop/Notebook PC/Tablet PC section) using Boot Camp®
Intel®-based 2.2 GHz Core 2 Duo or higher
2 GB RAM required (4 GB recommended)
250 MB free hard disk space
USB port, multiple ports in the PC when using optional wireless adapter
Microsoft .NET Framework 2.0

