

AirMagnet WiFi Analyzer PRO 11.3.2

Release Notes

April 2020

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Introduction

These *Release Notes* highlight the new features and major known issues in the AirMagnet WiFi Analyzer PRO 11.3.2 release. It also provides basic instructions and important notes regarding the installation and operation of the software.

Important Notes

- As of the 11.2 release, AirMagnet WiFi Analyzer no longer supports the following wireless network adapters.

Vendor	Adapter Model
AirMagnet, Inc.	▪ AirMagnet 802.11n PC Card C1060
D-Link	▪ D-Link Xtreme N (DWA-160)
NetAlly	▪ NetAlly 802.11n PC Card
NEC	▪ NEC Warpstar Aterm WL300NC
Intel	▪ Intel® Wireless Wi-Fi Link 4965AGN ▪ Intel® Wi-Fi Link 5100 Series ▪ Intel® Wi-Fi Link 5300 Wireless Network Adapter
Ubiquiti Networks	▪ Ubiquiti Networks SR71-USB

- Intel® Centrino® Advanced-N 6200 IEEE 802.11a/b/g/n wireless network adapter does not support Microsoft Windows 10 operating systems.
- AirMagnet WiFi Analyzer's legacy Throughput Test feature is not available for the NetAlly 802.11a/b/g/n/ac 3x3 Express Card Adapter (C1097) or internal MacBook Pro 802.11ac adapters.
- You *may* need to reinstall the Proxim USB wireless network adapter driver if you use the Proxim USB wireless network adapter on a computer with an operating system that has been upgraded from Windows 7 to Windows 10. Otherwise, you may not be able to start AirMagnet WiFi Analyzer.
- You must use the "Repair" option when upgrading from a version of the application earlier than v11.0. Upon completion of the installation, you must manually delete the old license file. Go to `C:\Program Files`

(x86)\AirMagnet Inc\AirMagnet Laptop, and delete the .lic file. Once you have deleted the file, launch the application and follow the prompts to download a new license.

- Removing an active external Wi-Fi adapter while running AirMagnet WiFi Analyzer may cause the application to become unstable.
- Enabling third-party decodes can slow down the performance of AirMagnet WiFi Analyzer.

New Features and Enhancements

This section contains the new feature and enhancements implemented in the AirMagnet WiFi Analyzer 11.3.2 release.

End of Support for the Microsoft Windows 7 Operating System

After 10 years, Microsoft decided to end support for the Windows 7 operating system on January 14, 2020. As such, Windows 7 PCs no longer receive software and security updates. While you can continue to use your PC running Windows 7, without continued software and security updates, it will be at greater risk for viruses and malware. To ensure the security of your data, AirMagnet has ended support for the Windows 7 operating system. Going forward, the best way for you to stay secure is to upgrade to a newer version of Windows. For the best performance, AirMagnet recommends the use of Windows 10.

Support for the New NetAlly My AirMagnet Server

This release adds support for the new NetAlly My AirMagnet server, which allows for download of software licenses and future software update notifications.

Product Rebrand

This release adds new NetAlly branding to the splash screens, the about screen, and the user guide.

End of Support for the Check Adapter Utility

During the last few software releases, we have reduced and simplified the number of Wi-Fi adapters supported by AirMagnet WiFi Analyzer. Therefore, the need for a Check Adapter Utility to validate whether your Wi-Fi adapter is supported has decreased.

The Check Adapter Utility will not be included on AirMagnet WiFi Analyzer starting on version 11.3.2 of the software. To find a list of Wi-Fi adapters currently supported, please refer to our Preferred Adapter List, which can be found at: <https://www.netally.com/wp-content/uploads/2019/12/AMM-Preferred-Adapters.pdf>.

System Requirements

This section explains running AirMagnet WiFi Analyzer's minimum system requirements.

Laptop and Tablet PC

- Application Operating Systems: Microsoft Windows 8.1 Pro/Enterprise 64-bit or Microsoft Windows 10 Pro/Enterprise 64-bit
- Intel® Core™ 2 Duo 2.00 GHz (Intel® Core™ i5 or higher recommended)
- 4 GB memory or higher
- 800 MB free hard disk space
- An Express Card slot, USB port, or an AirMagnet-supported internal WLAN adapter
- Multiple slots in the PC for using multiple adapters. AirMagnet recommends the use of its multi-adapter kit
- AirMagnet-supported wireless network adapter(s)

- Optional spectrum adapter and license (required for viewing spectrum data and non-Wi-Fi devices); Integration supported with AirMagnet Spectrum XT.

Note: AirMagnet Spectrum XT adapter is in the USB form factor.

Apple® MacBook® Pro

- Operating Systems: MAC OS X v10.9 (or higher) running a supported Windows OS (as noted under Laptop and Tablet PC section) using Boot Camp®
- Intel®-based CPU 2.0 GHz or higher
- 4 GB memory or higher
- 800 MB free hard disk space
- An internal Broadcom 802.11ac WLAN adapter (MacBook 2013 and 2014 models), an Atheros-based Airport Extreme 802.11n WLAN adapter, or a USB port (whichever applicable)
- Multiple slots in the PC when using multiple adapters. AirMagnet recommends the use of its multi-adapter kit.
- Optional spectrum adapter and license (required for viewing spectrum data and non-Wi-Fi devices); Integration supported with AirMagnet Spectrum XT.

Note: AirMagnet Spectrum XT adapter is in the USB form factor.

Known Issues

This section contains a list of known issues in this release.

Defect ID	Description
DE2645	The number of alarms and total frames reported when reloading a capture file can differ from what was originally reported in a live capture.
DE3226	The WiFi Tools coverage sound setting may beep regardless of whether the signal is below or above minimum service level.
DE3524	The application may unexpectedly stop scanning while using the 802.11 Tools > Roaming function.
DE3603	The Y-axis values on the “Spectrum Real Time FFT” graph is incorrectly labeled “db” instead of “dBm”.
DE10138	In the Decodes view, the frame counts for 802.11ac traffic may not be identical when you stop a capture, save the same capture, and open the same capture.
DE10677	Invalid station MAC addresses may appear in high-density 802.11ac traffic environments.
DE10910	With the 3x3 802.11ac network adapters, you may see some devices on Channel 1 when viewing devices on the Start page in the 5-GHz band.
DE10960	In multi-adapter mode, when the channel Scan configuration for a 3x3 802.11ac network adapter is changed and you toggle between the Channels page and the Tools page, the channel shown in channel details may not match the channel shown in the left panel.
DE11036	When playing back a capture file in the Tools Analysis page, the SGI and AMPDU graphs may not match what was observed during a live capture.
DE11079	The application may stop responding when loading a single-adapter capture file with three adapters active. To view a single-adapter capture file, restart the application and select one adapter only.

DE12566	VoFi call roaming detection in WiFi Analyzer's Roaming Analysis tab occasionally misses a call roaming event.
DE15548	On some Windows 10 computers, the configuration window's 802.11 tab, and on the Security tab, Security type selections are missing options for WEP and WPA (WPA2 options are there). To connect the WiFi Analyzer to a network supporting one of these security types, just set up a profile for that network in Windows. Then, the WiFi Analyzer can connect to it.
Note: The following issue is specific to AirMagnet Wi-Fi Analyzer and Spectrum XT integration.	
DE13176	Closing Spectrum XT after WiFi Analyzer is launched with the same adapter used by Spectrum XT causes WiFi Analyzer to lose all data on its screen.

Release History

Release Month	Version
04/2020	AirMagnet WiFi Analyzer Pro 11.3.2
06/2017	AirMagnet WiFi Analyzer Pro 11.3
10/2016	AirMagnet WiFi Analyzer Pro 11.2.1
08/2016	AirMagnet WiFi Analyzer Pro 11.2
12/2015	AirMagnet WiFi Analyzer Pro 11.1
09/2015	AirMagnet WiFi Analyzer Pro 11.0.1

Technical Support

If you need help for this AirMagnet WiFi Analyzer Pro 11.3.2 release, contact NetAlly, as follows:

Contact Venue	Description
Web:	https://www.netally.com/support/#TechnicalSupport
Phone:	1-844-878-2559 or 1-719-755-0770 and select Option 2

Note: International direct dial phone numbers are available at <https://www.netally.com/contact-us/>.