netAlly

AirMagnet® Survey PRO
Wireless Design & Site Survey Software

Key Features

- Plan and design Wi-Fi 6 networks without physically rolling out any access points
- Collect real-world data by performing true end-user experience measurements using any Wi-Fi adapter or AirMapper™ Site Survey on the AirCheck® G3 and EtherScope™ nXG
- Generate heatmaps that provide full visibility of WLAN coverage, noise, SNR, interference, throughput, data rates, retries, loss, Voice-over-Wi-Fi MOS, and more
- Save time by performing active, passive, and spectrum surveys in a single walk-through

Overview

AirMagnet Survey PRO enables network professionals to design, deploy, and validate Wi-Fi 6 wireless LAN networks for optimal performance, and compliance. It can calculate the ideal quantity, placement, and configuration of APs for a successful wireless LAN deployment. AirMagnet Survey PRO goes beyond simply verifying RF coverage, by plotting actual end-user network performance in terms of connection speed, throughput, and packet statistics by allowing you to use any Wi-Fi adapter or AirMapper Site Survey on the AirCheck G3 and EtherScope nXG. Survey PRO helps you get security Wi-Fi installations right the first time, preventing costly rework and user complaints.

Key Features

Wi-Fi 6 Survey

- Measure and assess end-user experience on the 2.4/5/6GHz bands
- Shows coverage of specific 802.11 parameters:
  - Modulation and Coding Schemes (MCS)
  - Channel width
  - Operating mode (802.11 a/b/g/n/ac/ax)
- Complete Wi-Fi heatmap of performance metrics
- Allows IT staff to design and deploy WLAN accurately

Real-World Data

- Emulates real-world client behavior
- Faster and easier Wi-Fi site surveys with AirMapper Site Survey
- Create "what-if" scenarios:
  - Changing AP transmit power
  - Channel
  - Environmental noise
- Simulate moving, removing, or adding APs
- Avoid interference and over-allocation

Wi-Fi 6 Planning

- Accurately design WLANs by:
  - Modeling building construction materials/obstructions
  - Finding ideal AP placement
  - Visualizing coverage across multiple floors
- Validate results with real-world data
- Account for RF interference from non-802.11 devices
- Test plans against design requirements

VoWLAN Deployment

- Built-in voice readiness verification system
- Validate and plot:
  - Phone call quality (MOS)
  - Capacity
  - Other voice specific parameters

Outdoor

- Fully-automated outdoor wireless site surveys
- Leverage GPS device to collect outdoor wireless data
- Import street maps of any city
- Export heatmaps into Google Earth™

Models & Accessories

Models / Name	Description
AM/A4018G	AirMagnet Survey PRO (includes Planner)
AM/B4010G	AirMagnet Survey Express
AM/B4016G	AirMagnet Survey Express to Survey PRO (Upgrade Model)
AM/B4070	AirMagnet Spectrum XT (Optional)
AM/D1095	AirMagnet Multi-adapter kit for Survey (different versions available depending on regulatory domain)
AIRCHECK-G3-PRO	AirCheck G3 Pro mainframe with 1 year of AllyCare support, shoulder sling bag, and AC charger
TEST-ACC	Test Accessory Pocket iPerf Server, for use with AirCheck G2 and AirMagnet Survey (can be used independently)

Support

Models / Name	Description
AM/A4018G-1YS	1 year AllyCare Support for AirMagnet Survey PRO (includes Planner) — AM/A4018G
AM/A4018G-3YS	3 year AllyCare Support for AirMagnet Survey PRO (includes Planner) — AM/A4018G
AM/B4010G-1YS	1 year AllyCare Support for AirMagnet Survey Express — AM/B4010G
AM/B4010G-3YS	3 year AllyCare Support for AirMagnet Survey Express — AM/B4010G
AM/A4016G-1YS	1 year AllyCare Support for AirMagnet Survey Express to PRO — AM/A4016G
AM/A4016G-3YS	3 years AllyCare Support for AirMagnet Survey Express to PRO — AM/A4016G
AM/B4070-1YS	1 year AllyCare Support for AirMagnet Spectrum XT — AM/B4070 (USB based)
AM/B4070-3YS	3 year AllyCare Support for AirMagnet Spectrum XT — AM/B4070 (USB based)
AIRCHECK-G3-PRO-1YS	1 year AllyCare support for all AIRCHECK G3 PRO models, including "E" (Partial Tri-Band) and "C" (Dual Band only) SKU'S: AIRCHECK-G3-PRO, AIRCHECK-G3-PRO-KT, AIRCHECK-G3-PRO-TKT.
AIRCHECK-G3-PRO-3YS	3 year AllyCare support for all AIRCHECK G3 PRO models, including "E" (Partial Tri-Band) and "C" (Dual Band only) SKU'S: AIRCHECK-G3-PRO, AIRCHECK-G3-PRO-KT, AIRCHECK-G3-PRO-TKT.

PLEASE NOTE: The first year of AllyCare support is required for all AirMagnet products.

System Requirements

Laptop/Notebook PC/Tablet PC
Operating Systems: Microsoft Windows 8 Pro/Enterprise 64-bit, Microsoft Windows 8.1 Pro/Enterprise 64-bit, Microsoft Windows 10 Pro/Enterprise 64-bit, or Microsoft Windows 11 Pro/Enterprise 64-bit.
Intel® Core™ i5 2GHz (Intel® Core™ i7 or higher recommended)
4 GB (8 GB or higher recommended)
800 MB free hard disk space
USB port or multiple ports in the PC when using multiple adapters.
Apple® MacBook® PRO
Operating Systems: MAC OS X v10.5 (Leopard™) or higher running a supported Windows OS (as noted under Laptop/Notebook PC/Tablet PC section) using Boot Camp®
Intel® Core™ i5 2GHz (Intel® Core™ i7 or higher recommended)
4 GB (8 GB or higher recommended)
800 MB free hard disk space
USB Port, multiple ports when using multiple adapters.

netally.com/products/airmagnet-survey-pro

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simplicity • visibility • collaboration