

Introduction

You may be wondering, which is the best fit for you, AirCheck G2 or the EtherScope nXG? The AirCheck G2 is a great tool and is loved by Wi-Fi professionals all over the world. Still, the EtherScope nXG is the latest and greatest from NetAlly, has won awards, and has some unique functionality. How do these two tools compare to each other?

Here are the biggest differences between both tools:

- 1) **Wired vs. Wireless** – The biggest difference between these tools is the network media technologies that they support. The AirCheck G2 is a Wi-Fi tester with some basic copper Ethernet testing capabilities. The EtherScope nXG is an all-in-one wired and wireless tester that supports multiple technologies like Ethernet copper, Ethernet Fiber, Wi-Fi, and Bluetooth (and more, with its Android OS and extensible USB ports).
- 2) **Level of Analysis** – Another big difference is the amount of information they provide. Both provide full Wi-Fi visibility, but the EtherScope nXG can also be used for short term monitoring. Because of that, not only do you get visibility of the RF at the time measurements were performed, but you also get trend graphs that show you how the wireless network environment changes over time.
- 3) **Remote Control** – Both the AirCheck G2 and EtherScope nXG allow you to easily take control of a remote unit connected to the local area network through VNC, which allows for collaboration with staff at remote sites. In addition to VNC, the EtherScope nXG also supports remote control via the cloud (Link-Live), thus allowing you to take control of a unit outside of your local area network.
- 4) **Applification** – The AirCheck G2 provides all the Wi-Fi site surveying, analysis, and troubleshooting functionality you will ever need. Still, if you like the idea of adding extra functionality to your tools, the EtherScope nXG may be a better solution for you. Because of the Android operating system, the EtherScope nXG allows you to install third party apps on your tool as needed.

In conclusion, if you are looking for a cost-effective Wi-Fi site surveying, testing, and troubleshooting tool, the AirCheck G2 would be a great choice for you. If the idea of having a tool that supports multiple technologies, that can be used for short term monitoring, be accessed from anywhere, and allows you to expand its functionality by installing apps, then EtherScope nXG is the perfect solution.

Category	Feature	EtherScope nXG	AirCheck G2
<i>Technology Support</i>	802.11 Media Type Support	802.11a/b/g/n/ac/ax (802.11ax visibility provided using an 802.11ac radio)	802.11a/b/g/n/ac/ax (802.11ax visibility provided using an 802.11ac radio)
	Number of 802.11 Radios	2	1
	802.11 Spatial Streams	4 x 4 and 1 x 1	3 x 3
	Bluetooth Support	Yes	No
	Wired Ethernet Support	10M/100M/1G/2.5G/5G/10G	10M/100M/1G
	Wired Ethernet Interfaces	Copper (2) and Fiber (1)	Copper (1)
	Operating System	Android (runs 3 rd party apps)	Custom version of embedded Linux
<i>Wi-Fi Validation and Troubleshooting</i>	AirMapper Site Surveys	Yes (Active and Passive on the same walkthrough)	Yes (Active or Passive per Walkthrough)
	Throughput Measurements	Yes (iPerf 3, Test Accessory, and SpeedTest support)	Yes (iPerf 3 and Test Accessory support)
	Non-802.11 Interference Analysis	Yes	Yes
	Packet Captures	Yes (Wired and Wi-Fi)	Yes (Wi-Fi only)
	Channel Overlap (“Channel Map”)	Yes	Yes
	Unauthorized & Rogue Device Detection	Yes	Yes
	Connectivity Troubleshooting Tools	Yes	Yes
	Wi-Fi Interference Analysis (CCI, ACI)	Yes	Yes
	Detection of High Utilization in a Channel	Yes	Yes
	AutoTest Functionality	Yes (Can run both wired and wireless tests)	Yes (Wireless test only)

Wi-Fi Device Analysis

	at the same time)	
Periodic AutoTest	Yes	No
Device Finder	Yes (For AP's, Clients, and Non-802.11 Devices)	Yes (For AP's, Clients, and Non-802.11 Devices)
Roaming Analysis	Yes	Yes
Wi-Fi Trends over Time	Yes	No
Expert Advice	Yes	No
AP Detection & Properties	Yes	Yes
Device Names	Yes (Both AP and Client names)	Yes (AP names only)
Client Detection & Properties	Yes (Connected and Non-Connected)	Yes (Connected and Non-Connected)
Non-802.11 Interfering Device Detection & Properties	Yes	Yes
Access Control List (ACL)	Yes (Set manually)	Yes (Can import List from AP Controller)
<i>Ethernet Troubleshooting</i> Wired Connectivity troubleshooting tools	Yes	Yes
VLAN Validation	Yes (Includes advanced VLAN monitoring)	Yes (Basic VLAN validation)
Voice VLAN Validation	Yes (Includes advanced Voice VLAN monitoring)	Yes (Basic Voice VLAN validation)

	PoE Verification	Yes (Supports 802.3af/at/bt, Class 0-8 and UPOE)	Yes (Supports 802.3af/at)
	Cable Tests	Yes	No
	Wired Network Discovery	Yes	No
<i>Cloud Services</i>	Test Result Repository	Yes (Using Link-Live)	Yes (Using Link-Live)
	AirMapper Heatmap Generation	Yes (Using Link-Live)	Yes (Using Link-Live)
	Topology Mapping	Yes (Using Link-Live)	No
	Unit Management	Yes (Using Link-Live)	Yes (Using Link-Live)
	Profile Sharing	Yes (Using E-Mail or other File Sharing options)	Yes (Using Link-Live)
	Attach notes, screenshots, and photos to Test Results	Yes (Using Link-Live)	Yes (Using Link-Live)
	Over the Network Software Updates	Yes (Using Link-Live)	Yes (Using Link-Live)
	Cloud Remote Control	Yes (Using Link-Live)	No
<i>Reporting</i>	Local Reports	No	Yes (Using "Aircheck G2 Manager" software)
	Cloud Reports	Yes (Using Link-Live)	Yes (Using Link-Live)
	Site Survey Reports	Yes (Using Link-Live or AirMagnet Survey PRO)	Yes (Using Link-Live or AirMagnet Survey PRO)
<i>Other</i>	External Antenna Support	Yes	Yes
	Screenshot Captures	Yes	Yes

VNC Remote Access and Control	Yes	Yes
Save Results to USB Thumb Drive	Yes	Yes
Save Results to microSD Card	Yes	No
Integrated Camera	Yes	No
Integrated Microphone	Yes	No
Recharge Battery using PoE	Yes	No

Resources

Want to know more? You can find more information about the AirCheck G2 or EtherScope nXG here:

1) **AirCheck G2**

- a. [Product Page](#)
- b. [Datasheet](#)
- c. [Tutorial Videos](#)

2) **EtherScope nXG**

- a. [Product Page](#)
- b. [Datasheet](#)
- c. [Tutorial Videos](#)