

AirCheck™ G2 vs. EtherScope® nXG

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:

- **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).
- **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.
- **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.
- **Applications** – 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.



Product Comparison Chart

Features	EtherScope® nXG Network Expert	AirCheck™ G2 Wi-Fi Tester
Technology Support		
802.11 Media Type Support	802.11a/b/g/n/ac/ax <i>(802.11ax visibility provided using an 802.11ac radio)</i>	802.11a/b/g/n/ac/ax <i>(802.11ax visibility provided using an 802.11ac radio)</i>
Number of 802.11 Radios	2	1
802.11 Spatial Streams	4 x 4 and 1 x 1	3 x 3
Bluetooth Support	Yes	-
Wired Ethernet Support	10M/100M/1G/2.5G/5G/10G	10M/100M/1G
Wired Ethernet Interfaces	Copper (2) & Fiber (1)	Copper (1)
Operating System	Android <i>(Runs 3rd party apps)</i>	Custom version of embedded Linux
Wi-Fi Validation & Troubleshooting		
AirMapper Site Survey	Yes <i>(Active & Passive on the same walkthrough)</i>	Yes <i>(Active or Passive per walkthrough)</i>
Throughput Measurements	Yes <i>(iPerf 3, Test Accessory & SpeedTest support)</i>	Yes <i>(iPerf 3 & Test Accessory support)</i>
Non-802.11 Interference Analysis	Yes	Yes
Packet Captures	Yes <i>(Wired & Wi-Fi)</i>	Yes <i>(Wi-Fi only)</i>
Channel Overlap ("Channel Map")	Yes	Yes
Unauthorized & Rogue Device Detection	Yes <i>(Wired & Wi-Fi)</i>	Yes <i>(Wi-Fi only)</i>

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Wi-Fi Validation & Troubleshooting		
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 <i>(Can run both wired & wireless tests at the same time)</i>	Yes <i>(Wireless tests only)</i>
Periodic AutoTest	Yes	No
Device Finder	Yes <i>(For AP's, Clients, and Non-802.11 Devices)</i>	Yes <i>(For AP's, Clients, and Non-802.11 Devices)</i>
Roaming Analysis	Yes	Yes
Wi-Fi Trends over Time	Yes	No
Expert Advice	Yes	No
Wi-Fi Device & Detection		
AP Detection & Priorities	Yes	Yes
Device Names	Yes <i>(Both AP & Client names)</i>	Yes <i>(AP names only)</i>
Client Detection & Properties	Yes <i>(Connected & Non-Connected)</i>	Yes <i>(Connected & Non-Connected)</i>
Non-802.11 Interfering Device Detection & Properties	Yes	Yes
Access Control List (ACL)	Yes <i>(Set Manually)</i>	Yes <i>(Can import list from AP Controller)</i>
Ethernet Troubleshooting		
Wired Connectivity Troubleshooting Tools	Yes	Yes
VLAN Validation	Yes <i>(Includes advanced VLAN monitoring)</i>	Yes <i>(Basic VLAN validation)</i>
Voice VLAN Validation	Yes <i>(Includes advanced Voice VLAN monitoring)</i>	Yes <i>(Basic Voice VLAN validation)</i>
PoE Verification	Yes <i>(Supports 802.3af/at/bt, Class 0-8 & UPOE)</i>	Yes <i>(Supports 802.3af/at)</i>
Cable Tests	Yes	No
Wired Network Discovery	Yes	No
Cloud Services		
Test Result Repository	Yes <i>(Using Link-Live)</i>	Yes <i>(Using Link-Live)</i>
AirMapper Heatmap Generation		
Unit Management		
Attach Notes, Screenshots & Photos to Test Results		No
Over the Network Software Updates		
Topology Mapping		
Cloud Remote Control	No	
Profile Sharing	Yes <i>(Using e-mail or other fileshare options)</i>	Yes <i>(Using Link-Live)</i>
Reporting		
Local Reports	No	Yes <i>(Using AirCheck G2 Manager Software)</i>
Cloud Reports	Yes <i>(Using Link-Live)</i>	Yes <i>(Using Link-Live)</i>
Site Survey Reports	Yes <i>(Using Link-Live or AirMagnet Survey PRO)</i>	Yes <i>(Using Link-Live or AirMagnet Survey PRO)</i>
Other		
External Antenna Support	Yes	Yes
Screenshot Captures		
VNC Remote Access and Control		
Save Results to USB Thumb Drive		
Save Results to microSD Card		No
Integrated Camera		
Integrated Microphone		
Recharge Battery using PoE		