EtherScope® nXG vs. AirCheck™ G3
Feature Comparison

You may be wondering, which is the best fit for you, EtherScope nXG G3 or the AirCheck™ G3. Both are great tools, but how do they compare to each other?

The biggest difference between these tools is the network media technologies that they support. The AirCheck G3 is a Wi-Fi and Bluetooth/BLE tester. Meanwhile, 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/BLE.

Now with Wi-Fi 6/6E!

Feature Comparison Chart

Feature	EtherScope® nXG	AirCheck™ G3
Technology Support		
802.11 Media Type Support	802.11a/b/g/n/ac/ax	
Wi-Fi Bands (2.4, 5, 6GHz)	Tri-Band	
Number of 802.11 Radios	2	
802.11 Spatial Streams	2 x 2 and 1 x 1	
Bluetooth Support	Yes	
Wired Ethernet Support	10M/100M/1G/2.5G/5G/10G	**No**
Wired Ethernet Interfaces	Copper (2) & Fiber (1)	**No**
Operating System	Android (runs 3rd party apps)	
Wi-Fi Validation & Troubleshooting		
AirMapper Wi-Fi Site Surveys	Yes *(Active & Passive on the same walkthrough)*	
AirMapper Bluetooth/BLE Site Survey	Yes	
Wi-Fi Throughput Measurements	Yes *(iPerf 3, Test Accessory, & SpeedTest support)*	
Spectrum Analysis	Yes *(Optional with NXT-1000)*	
Packet Captures	Yes *(Wired & Wi-Fi)*	Yes *(Wi-Fi only)*
Channel Overlap ("Channel Map")	Yes *(2.4, 5, 6GHz bands)*	
Unauthorized & Rogue Device Detection	Yes	
Connectivity Troubleshooting Tools		
Wi-Fi Interference Analysis (CCI, ACI)		
Detection of High Utilization in a Channel		
AutoTest Functionality	Yes *(Wired & Wireless)*	Yes *(Wireless only)*
Periodic AutoTest		
Device Finder	Yes *(For AP's & Clients)*	
Roaming Analysis	Yes	
Wi-Fi Trends over Time		
Expert Advice		

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Features	EtherScope® nXG	AirCheck™ G3
Wireless Device Analysis		
AP Detection & Properties	Yes	
Device Names	Yes *(Both AP & Client names)*	
Client Detection & Properties	Yes *(Connected & Non-Connected)*	
Access Control List (ACL)	Yes	
Ethernet Troubleshooting		
Wired Connectivity Troubleshooting Tools	Yes	No
VLAN Validation		
Voice VLAN Validation		
PoE Verification	Yes Plus Truepower™ load testing *(Supports 802.3af/at/bt, Class 0-8 & UPOE)*	
Cable Tests	Yes	
Wired Network Discovery	Yes *(Using Wired or Wireless Interface)*	Yes *(Using Wireless Interface only)*
Cloud Services		
AirMapper Heatmap Generation	Yes *(Using Link-Live™ or AirMagnet™ Survey PRO)*	
Test Result Repository	Yes *(Using Link-Live)*	
Topology Mapping		
Unit Management		
Profile Sharing		
Attach notes, screenshots & photos to Test Results		
Over the Network Software Updates		
Reporting		
Cloud Remote Control	Yes *(Using Link-Live)*	
Cloud Reports		
Site Survey Reports	Yes *(Using Link-Live or AirMagnet Survey PRO)*	
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		

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