

EtherScope® nXG vs. AirCheck® G3

Product Comparison

You may be wondering, which is the best fit for you, EtherScope nXG 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.



Product Comparison Chart

Feature	EtherScope nXG		AirCheck G3
Technology Support			
802.11 Media Type Support	802.11a/b/g/n/ac/ax & 802.11be visibility		
Wi-Fi Bands (2.4 GHz, 5 GHz, & 6 GHz)	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 third-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-2000)		
Packet Captures	Yes (Wired & Wi-Fi)	Yes (Wi-Fi only)	
Channel Overlap (“Channel Map”)	Yes (2.4 GHz, 5 GHz, & 6 GHz 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	Yes (Using Wireless Interface or USB based Ethernet Adapter)
Wired Network Discovery	Yes (Using Wired or Wireless Interface)	
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 & Control		
Save Results to USB Thumb Drive		
Save Results to microSD Card		No
Integrated Camera		
Integrated Microphone		

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