EtherScope® nXG Portable Network Expert
Product Comparison

The EtherScope nXG is a multi-technology, all-in-one handheld network analyzer that enables engineers and technicians to get more done faster, and with the release of the EXG-300 model new functionality was introduced, including:

- **Native Wi-Fi 6 and 6 GHz band support, plus Wi-Fi 7 visibility**
- **WPA3 and OWE support**
- **2.4 GHz, 5 GHz, and 6 GHz band spectrum analysis with optional NXT-2000 Portable Spectrum Analyzer**

Now with Wi-Fi 7 Visibility and 6GHz Spectrum Analysis

Feature Comparison Chart

Features	EtherScope nXG 300	EtherScope nXG 200
802.11 a/b/g/n/ac	Yes	Yes
Wi-Fi 6 (802.11ax)	Yes	Control & Management Frame Visibility only
Wi-Fi 7 (802.11be)	Control & Management Frame Visibility only	
Wi-Fi Surveys with AirMapper	Yes	Yes
Bluetooth/BLE Surveys with AirMapper	Yes	Yes
Wi-Fi Bands (2.4 GHz, 5 GHz, & 6 GHz)	Tri-Band	Dual-Band Only
2.4 GHz, 5 GHz , & 6 GHz Spectrum Analysis *(using NXT-2000 Portable Spectrum Analyzer)*	Yes	Yes
WPA3 and OWE Authentication	Yes	
Wi-Fi Analysis (Device Details & Statistics, Channel Map, Overlap)	Tri-Band	Dual-Band Only
Multi-BSSIDs, Reduced Neighbor Reports (RNR), & Preferred Scanning Channels (PSC) support	Yes	RNR Only
Wi-Fi Packet Captures (Control, Data, & Management frames)	Up to 802.11ax Data Frames	Up to 802.11ac Data Frames
802.11 Utilization		
Non-802.11 Utilization	Yes	Yes
Wi-Fi Connection & Roaming Tests	Up to 802.11ax Data Rates	Up to 802.11ac Data Rates
AP & Client Locate	Yes	
Integrated Wi-Fi & Wired Discovery		
Executes AutoTest Profile for Multiple VLANs & Wi-Fi SSIDs		
Copper & Fiber NBASE-T Multi-Gig & 1G/10G Ethernet Support		
90W TruePower™ Loaded PoE Test (PoE Class 0-8)		
Cable Tests, Wiremap, & Toner		
10G Line-Rate Performance Test		
LANBERT™ Media Qualification		
iPerf Performance Test		
Network Path Analysis		
Line-Rate Packet Captures (Wired Ethernet)		
Execute 3rd Party Android Apps		
Link-Live ™ Cloud Service for Result, Storage, & Analysis		
Network Topology Mapping	via Link-Live	
Remote Control & Troubleshooting		
AllyCare Premium Support (One-year)	Included	Optional

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