EtherScope™ nXG

Portable Network Expert

The Problem

Network engineers and field technicians struggle to deal with constant changes – planned and unplanned – and there's never enough time to get everything done. Many are trying to adopt new technologies, but time spent on day-to-day problems impacts their ability to work on critical projects. There is a clear need for solutions that empower technicians and engineers to get more done, faster.

The Solution (Product Elevator Pitch)

The EtherScope nXG is a portable network expert, easy to use for network technicians, but powerful enough for network engineers. As a multi-technology, all-in-one handheld network tester, it enables engineers and technicians to get more done faster, from deployment to maintenance, troubleshooting, and documentation of their ever-changing Wi-Fi and Ethernet access networks.

Key Technical Features / Differentiators

- Verifies and troubleshoots technology upgrades to NBASE-T, 10Gig, and Wi-Fi 5/Wi-Fi 6 networks with unique visibility that otherwise would require multiple tools and extensive training.
- Advanced suite of powerful wired Ethernet and Wi-Fi network tests, such as discovery, path analysis, performance test, iPerf test, 24-hour back-in-time traffic analysis, cable test, and packet capture.
- A variety of 3rd party Android apps available to conduct device configuration or other tasks beyond testing.
- Full remote control enables remote engineers to troubleshoot and collaborate with on-site technicians to solve tough problems at remote sites, saving time and cost of travel.

AllyCare for Your Customers

AllyCare is a comprehensive support and maintenance program for NetAlly Network Tools, including AirMagnet® software. This program ensures your products are always up to date and provides you with a premium level of technical support to minimize business downtime and ensure the highest return on your investment.

Benefits of AllyCare:
- Software Upgrades
- Priority Technical Support
- Promotions & Discounts
- Training Programs
- Free Repair Support

Key Benefits

Key Capabilities	Benefits / Use model
Combined wired Ethernet and Wi-Fi testing, in a single user interface	Reduces need for multiple tools, by providing network visibility across all media.
Dedicated hardware for functions that software tools cannot provide	Performs tests and diagnostics that off-the-shelf hardware and apps cannot provide.
Out-of-the-box AutoTest and network discovery provides actionable information with minimal training & configuration	Frontline techs are more effective; able to gather necessary information for fast problem solving and efficient escalation.
Automated wired/wireless network health assessment	Provides fast understanding of network quality – quickly "proves it's not the network" or shows where problems are.
Validate 10G links via line-rate performance testing & packet capture	Delivers "proof of performance" for SLAs and validating network deployments.
Results automatically sent to Link-Live cloud service for reporting, documentation, collaboration	Centralized repository enables sharing of data and visibility into branch office sites by remote engineers.

Customer Objection & Solutions

Objection	Response
I troubleshoot with a PC and software.	Few PCs support NBASE-T, 10Gig or fiber connections, and all versions of Wi-Fi (a/b/g/n/ac 2.4 and 5 GHz). EtherScope nXG also offers physical layer testing (cabling, PoE, and Wi-Fi interference detection). The AutoTest can automate verification of multiple SSIDs and VLAN configurations in one go which is a huge timesaver over using a PC.
I have a network management system (NMS).	You cannot always get to the root cause of a problem with a NMS alone. The NMS doesn't offer network analysis from user's perspective: PoE, Ethernet signaling, and Wi-Fi SNR. Also, the typical NMS cannot perform proactive stress testing to evaluate the network during deployments or changes.
I already have a LinkRunner and/or an AirCheck or other Access Network Test Tool(s).	The EtherScope nXG has unique diagnostics functions and supports full control by remote engineers. It is powerful, but still simple enough for technicians to test in collaboration with remote engineers. It is the ideal all-in-one tool for remote sites, empowering the local field technicians and engineers to get more done, faster.

netAlly® · simplicity · visibility · collaboration

Differentiators between NetAlly EtherScope nXG & Alternative Products

Focus Area	NetAlly EtherScope nXG	10/40/100G Throughput Tester	Copper and Fiber Cable Tester
Size	2lb and handheld	>Double the size and weight	Handheld
Network Topology and Path Analysis	Yes	No	No
Wi-Fi Analysis	Yes	No	No
Wi-Fi and Wired Packet Capture	Yes	Option & wired only	No
Wi-Fi Throughput Test	Yes	No	No
AAA Test & Test Target Performance	Yes	No	No
Traffic Analysis	Yes	No	No
Price	$8300+ USD	$20,000+ USD	Varies

Product Models & Bundles

Type	Model number	Description
MAIN SKU	EXG-200	EtherScope nXG Portable Network Expert *Includes: EXG-200 mainframe with Li-ION battery, G3-PWRADAPTER, SFP+MR-10G850, Inline RJ-45 coupler, WIREVIEW 1, Quick Start Guide, and Small Softcase.*
	EXG-200-KIT	EtherScope nXG Portable Network Expert Professional Kit *Includes: EXG-200 mainframe with Li-ION battery, G3-PWRADAPTER, G3-HOLSTER, SFP+MR-10G850, SFP+MR-10G1310, RJ-45 inline coupler, TEST-ACC, WIREVIEW 1-6, IntelliTone™ 200 Probe, Quick Start Guide, and Medium Softcase*
	EXG-200-KIT-2PK	EtherScope nXG Advanced Performance Test Kit *Includes: Two EXG-200-KIT* *Purchase two EXG-200-KIT-1YS for 1 year AllyCare Support*
	EXG-200-LRG2-KIT	EtherScope nXG Essential Performance Test Kit *Includes: EXG-200-KIT and LinkRunner-G2* *Purchase EXG-200-KIT-1YS and LR-G2-1YS for 1-year AllyCare Support*
ALLYCARE SUPPORT	EXG-200-3YS	3-Year *AllyCare* Support for EXG-200
	EXG-200-KIT-3YS	3-Year *AllyCare* Support for EXG-200-KIT

Note: *Access to Link-live.com is complimentary to all users of NetAlly test tools*