

# Product Selection Guide



Network Test, Analysis, & Cybersecurity Solutions

netAlly Product Selection Guide Wired Ethernet Test & Analysis				
If you're looking for . . .	LinkSprinter® Pocket Network Tester	LinkRunner® AT 1500 Network Link & Cable Tester	LinkRunner® AT 3000 Copper & Fiber Ethernet AutoTester	LinkRunner® AT 3000 Advanced Ethernet Tester
Ethernet Link / Cable Validation, Testing & Troubleshooting	<b>YES</b> • Basic cable testing & Wiremapping • PoE Test (Class 0-4, 30W) • Link Test up to 1G speeds • DHCP Validation • VLAN ID • DNS • Gateway • Internet Connectivity	<b>YES, plus</b> • Touchscreen • Analog & IntelliTone tone generator • Multi-Gig/10G Link Detection • PoE Test (Class 0-8, UPOE, 90W) • VLAN Monitoring • DHCP Log & Response times • 2nd DNS lookup • USB Wi-Fi/BT accy's • Third-party apps	<b>YES, plus</b> • Fiber connectivity • PING response time trending • TCP Connect Time + Trending	<b>YES, plus</b> • FTP/HTTP End Response Time • Periodic AutoTest detect intermittent • Packet Capture • Path Analysis
AutoTest with DHCP & DNS Validation & Test Targets	<b>YES</b>	<b>YES</b>	<b>YES</b>	<b>YES</b>
Intermittent	—	<b>YES</b>	<b>YES</b>	<b>YES</b>
Response time	—	—	—	<b>YES</b> • FTP/HTTP End Response Time
Testing & troubleshooting beyond a single link; solve issues affecting multiple devices	—	—	—	<b>YES</b> • Network Discovery • Topology Mapping via Link-Live • Path Analysis

## How to use the Product Selection Guide

Use this selection guide to help find the right tester for your key use cases.

The tables are read from left to right, showing the first tool that meets the use case, followed by testers that have the same capability or ADD to the capabilities of the tool to the left:

If you're looking for . . .	Product Name	Product Name	Product Name
Use Case	—	<b>YES</b> • Feature or capability	<b>YES, plus</b> • Additional capabilities
	This tool does not meet the use case.	This tester can be used for the use case and has this set of capabilities.	This tester has all the capabilities as the one(s) to the left plus adds capabilities.



**Product Selection Guide  
Wired Ethernet Test & Analysis**



**If you're looking for . . .**

LinkSprinter®  
Pocket Network Tester

LinkRunner® AT 1500  
Network Link & Cable Tester

LinkRunner® AT 3000  
Copper & Fiber Ethernet  
AutoTester

LinkRunner® AT 4000  
Advanced Ethernet Tester

LinkRunner® 10G  
Advanced Multi-Gig/10G  
Cable & Network Tester

EtherScope® nXG  
Portable Network Expert

CyberScope®  
Network Vulnerability Scanner

**Ethernet Link / Cable Validation,  
Testing & Troubleshooting**

**YES**

- Basic cable testing & Wiremapping
- PoE Test (Class 0-4, 30W)
- Link Test up to 1G speeds
- DHCP Validation
- VLAN ID
- DNS
- Gateway
- Internet Connectivity

**YES, plus**

- Touchscreen
- Analog & IntelliTone tone generator
- Multi-Gig/10G Link Detection
- PoE Test (Class 0-8, UPOE, 90W)
- VLAN Monitoring
- DHCP Log & Response times
- 2nd DNS lookup
- USB Wi-Fi/BT accy's
- Third-party apps

**YES, plus**

- Fiber connectivity
- PING response time trending
- TCP Connect Time + Trending

**YES, plus**

- FTP/HTTP End User Response Time
- Periodic AutoTest to detect intermittent issues
- Packet Capture
- Path Analysis

**YES, plus**

- Connect and test at Multi-Gig / 10G speeds

**YES, plus**

- Wi-Fi Performance & Connectivity Testing

**YES, plus**

- Vulnerability scanning in AutoTest

**Verify availability and operation of network services (DHCP, DNS), network availability**

**YES**

- AutoTest with DHCP & DNS Validation & Test Targets

**YES**

**YES**

**YES**

**YES**

**YES**

**YES**

**Validate High-Power PoE**

—

**YES**

**YES**

**YES**

**YES**

**YES**

**YES**

**Continuous testing for intermittent issues**

—

—

—

**YES**

- Periodic AutoTest
- Ping/TCP App

**YES, plus**

- Connect & Test at Multi-Gig/10G speed

**YES, plus**

- Wi-Fi Performance & Connectivity Testing

**YES, plus**

- Scan discovered devices for vulnerabilities

**Determine network response time vs. app/server performance**

—

—

—

**YES**

- FTP/HTTP End User Response Time

**YES**

**YES**

**YES**

**Testing & troubleshooting beyond a single link; solve issues affecting multiple devices**

—

—

—

**YES**

- Network Discovery
- Topology Mapping via Link-Live
- Path Analysis

**YES**

**YES**

**YES**



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**If you're looking for . . .**

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AutoTester

LinkRunner® AT 4000  
Advanced Ethernet Tester

LinkRunner® 10G  
Advanced Multi-Gig/10G  
Cable & Network Tester

EtherScope® nXG  
Portable Network Expert

CyberScope®  
Network Vulnerability  
Scanner

**Capture packets for detailed analysis**

—

—

—

**YES**  
• Packet Capture to 1Gbps

**YES**  
• Packet Capture to 10Gbps

**YES**

**YES**

**Discover and map my network, generate a network inventory; identify differences between snapshots**

—

—

—

**YES\***  
• Network & Device Discovery  
• Topology Mapping via Link-Live  
• Discovery Difference

**YES**

**YES, plus**  
• Discover wireless Clients & APs

**YES, plus**  
• Scan discovered devices for vulnerabilities

**Understand Layer 2 & 3 network connection path to target device/ URL**

—

—

—

**YES**  
• Path Analysis

**YES**

**YES**

**YES**

**Cable Qualification – What bandwidth will my cabling support?**

—

—

—

—

**YES**  
• LANBERT™ qualification (requires 2 testers)

**YES**

**YES**

**Performance Testing – Am I getting the expected bandwidth? What is latency, jitter, loss, QoS from end to end?**

—

—

—

—

**YES**  
• Performance Test App (requires 2 testers)

**YES**

**YES**

**Identify endpoints with specific vulnerabilities**

—

—

—

—

—

—

**YES**  
• Scan discovered devices for vulnerabilities

**Monitor my network for new connected endpoints**

—

—

—

—

—

—

**YES**  
• Discovery monitoring via Link-Live

**Remote view and control for collaborative troubleshooting**

—

**YES\***  
• Remote View & Control via Link-Live\*

**YES**

**YES**

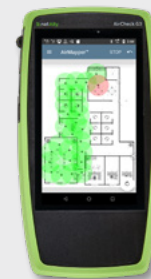
**YES**

**YES**

**YES**



**Product Selection Guide  
Wireless Test, Analysis,  
& Surveying**



**If you're looking for . . .**

LinkRunner®  
AT 1500 / AT 3000 / AT4000 / 10G

AirCheck® G3  
Wi-Fi 6 & 7 Wireless Tester

EtherScope® nXG  
Portable Network Expert

CyberScope® Air  
Wi-Fi 6 & 7 Vulnerability Scanner

CyberScope®  
Network Vulnerability Scanner

**Basic Wi-Fi visibility – What networks are available, verify connectivity?**

**YES**

- Via Optional USB Adapter & Third-party Apps

**YES**

- Via onboard analysis radio & AutoTest app
- Wi-Fi 7 ready

**YES**

**YES**

**YES**

**Fully test and verify Wi-Fi connectivity, network services**

—

**YES**

- Via onboard analysis radio & AutoTest app

**YES**

**YES, plus**

- Vulnerability scanning in AutoTest

**YES**

**Solve Wi-Fi network Authentication issues**

—

**YES**

- AutoTest App & Connection Log

**YES**

**YES**

**YES**

**Analyze “Air Quality” – Understand Wi-Fi RF environment**

—

**YES**

- Air Quality AutoTest
- Channel Map

**YES**

**YES**

**YES**

**Test & troubleshoot Wi-Fi roaming**

—

**YES**

- AutoTest App & Connection Log

**YES**

**YES**

**YES**

**Solve network configuration issues such as Co-Channel Interference (CCI) & Adjacent Channel Interference (ACI)**

—

**YES**

- Air Quality AutoTest
- Channel Map
- AirMapper Site Survey

**YES**

**YES**

**YES**

**Continuous testing for intermittent Wi-Fi issues**

—

**YES**

- Periodic AutoTest
- Ping/TCP App

**YES**

**YES**

**YES**

**Wi-Fi & Bluetooth Site Survey / Heatmapping**

—

**YES**

**YES**

**YES**

**YES**

**Visual spectrum analysis (with optional 2.4/5/6 GHz spectrum adapter)**

—

**YES**

**YES**

**YES**

**YES**



**Product Selection Guide  
Wireless Test, Analysis,  
& Surveying**



If you're looking for . . .	LinkRunner® AT 1500/ AT 3000 / AT4000 / 10G	AirCheck® G3 Wi-Fi 6 & 7 Wireless Tester	EtherScope® nXG Portable Network Expert	CyberScope® Air Wi-Fi 6 & 7 Vulnerability Scanner	CyberScope® Network Vulnerability Scanner
Wi-Fi + BT/BLE Site Survey with AirMapper™	—	YES	YES	YES	YES
Discover and map my Wi-Fi network, generate a network inventory	—	YES	YES	YES	YES
Understand Wi-Fi network connection path to target device/ URL	—	YES	YES	YES	YES
Monitor my Wi-Fi network for new connected endpoints	—	—	—	YES	YES
Identify endpoints with specific vulnerabilities	—	—	—	YES • Scan discovered devices for vulnerabilities	YES • Scan discovered devices for vulnerabilities
Capture Wi-Fi packets for detailed analysis	—	YES	YES	YES	YES
Validate Wi-Fi network speeds	YES • Via optional USB adapter & Third-party apps	YES	YES	YES	YES
Quickly find the physical location of Wi-Fi devices & rogues	—	YES	YES	YES	YES



\*NOTE: AirMapper enhanced site survey visualizations, detailed Network Topology Mapping controls, and Remote View/Control are available to customers with AllyCare Premium support.

[netally.com/products](https://netally.com/products)