



netAlly LinkRunner G2 Enhanced Smart Network Tester User Guide

[Home](#) » [netAlly](#) » netAlly LinkRunner G2 Enhanced Smart Network Tester User Guide 





LinkRunner® G2
Enhanced Smart Network Tester

Contents

- [1 LinkRunner G2 Enhanced Smart Network Tester](#)
- [2 Key Features](#)
- [3 Overview](#)
- [4 Models & Accessories](#)
- [5 Specifications](#)
- [6 Documents / Resources](#)
 - [6.1 References](#)
- [7 Related Posts](#)

LinkRunner G2 Enhanced Smart Network Tester

Enhanced AutoTest diagnostics for copper and fiber Ethernet networks

LinkRunner® G2
Enhanced Smart Network Tester

Key Features

- Discover nearest switch name and port information via CDP/LLDP/EDP and verify link speed/duplex and

connectivity to TCP/IP network with AutoTest

- Validate up to 90W Power over Ethernet (PoE) in one AutoTest – useful during IoT, VoIP and Wi-Fi deployment
- Install and run preferred Android-based apps for speed tests, device configuration, and workflow management with smartphone-like features
- Automate reporting and enable collaboration with test result upload and management via Link-Live™ Cloud Service



Overview

The LinkRunner G2 simplifies network validation and configuration of copper and fiber Ethernet networks, streamlining workflows by combining essential functions of installation and triage in a single, ruggedized unit. Accelerate deployments, speed problem identification, and improve the efficiency and effectiveness of network operations with this next-generation Android-based tester. The LinkRunner G2 features an intuitive design that runs Android-based apps with smartphone-like features.

Key Features



Discover Nearest Switch

- Uses LLDP, CDP & EDP
- Displays nearest switch info:
 - Switch name, model, and IP address
 - Switch chassis, slot and port#
 - VLAN's supported
 - Duplex and speed
 - Signal strength
 - Connection (MDI or MDI/X)
 - Graphical representation of power on pairs



Power over Ethernet

- Validate loaded PoE performance
- Load circuit to stress:
 - Switches
 - Cabling and patch panels
- Measure voltage and pairs being used



Link-Live™

- Test results uploaded to the free Link-Live Cloud Service
- Dashboard of wired connectivity results
- Document network



AutoTest

- Li-ION battery can be charged via PoE
- Performs connectivity tests in seconds
- Quickly and accurately validate network health
- Test includes:
 - Link speed and duplex
 - RX pair, polarity and signal level
 - 802.1x authentication
 - Discover nearest switch/slot/port and all VLANs provisioned
 - DHCP discovery with Option 43/60/150 support
 - Gateway and DNS server availability and responsiveness
 - Ping or TCP port connectivity to unlimited user defined targets



Reflector & Tools

- Cable test (wiremap, open & short) & IntelliTone™ cable tracing
- VLAN monitor that shows traffic distribution of top 9 VLANs
- Packet capture up to 2G Bytes

Models & Accessories

Model Number/Name	Description
LR-G2	Includes: (1) LinkRunner G2 with Li-ION battery, power supply with regional power plugs , WireView Cable ID #1, Inline RJ-45 coupler, USB 2.0 to Micro USB cable, 8G Micro SD card, coupler, Quick Start Guide, and small soft case.
LR-G2-1YS	1 year AllyCare Support for LR-G2, LR-G2-KIT, LR-G2-LS-KIT (covers LR-G2 only) and LR-G2-ACKG2-CBO (covers LR-G2 only)
LR-G2-3YS	3 year AllyCare Support for LR-G2, LR-G2-KIT, LR-G2-LS-KIT (covers LR-G2 only) and LR-G2-ACKG2-CBO (covers LR-G2 only)
LR-G2-KIT	Includes: (1) LinkRunner G2 with Li-ION battery, power supply with regional power plugs , WireView cable ID #1-#6, Inline RJ-45 coupler, USB 2.0 to Micro USB cable, 8G Micro SD card, holster, accessory pouch, coupler, Quick Start Guide, and medium soft case.
LR-G2-LS-KIT	Includes: (1) LinkRunner G2 with Li-ION battery, power supply with regional power plugs , WireView Cable ID #1, Inline RJ-45 coupler, USB 2.0 to Micro USB cable, 8 G Micro SD card, Quick Start Guide, (2) LinkSprinter, and (2) LinkSprinter holster, and small soft case.
LR-G2-ACKG2-CBO	Includes (1) LinkRunner G2 with Li-ION battery, (2) power supplies with regional power plugs, automobile power charger, WireView Cable ID #1-#6, Inline RJ-45 coupler, (2) USB 2.0 to Micro USB cable, 8G Micro SD card, (2) holsters, accessory pouch, (1) AirCheck G2 Wi-Fi Tester, (1) Test Accessory, Quick Start Guides, external directional antenna, and soft carrying cases (small, medium, large).

Specifications

General	3.8 in x 7.7 in x 1.6 in (9.7 cm x 19.6 cm x 4.1 cm)
Dimensions	18 oz (0.51 kg)
Weight	Rechargeable lithium-ion battery pack (3.6 V, 6 Ah, 21 Wh)
Battery	Typical operating life is 4 hours. Typical charge time is 3 hours.
Battery life	5.0 in color LCD with capacitive touch screen (480 x 800 pixels)
Display	1-key elastometric (power only)
Keypad	Micro USB on-the-go port
Host interface	USB 2.0 Type A port
USB port	Supports Micro SD
SD card slot	Pair length, crossed, reversed and distance to open, short, split
Cable test	Digital tone: [455 KHz]; Analog tones: [400 Hz, 1 KHz]
Tone generator	RJ-45 copper port 10/100/1000BASE-T. Fiber adapter port. Fiber port supports standard SFP.
Ports	AC input 90-264 V AC 48-62 Hz input power DC output 15 Vdc at 2 amps or RJ-45 via PoE
External AC adapter/ charger	

©2021 NetAlly, LLC. Third-party trademarks mentioned are the property of their respective owners.




netally.com/products/linkrunnerg2

simplicity • visibility • collaboration

©2021 NetAlly, LLC. LRG2-FL-21-V1

Documents / Resources

	<p>netAlly LinkRunner G2 Enhanced Smart Network Tester [pdf] User Guide LinkRunner G2 Enhanced Smart Network Tester, LinkRunner G2, Enhanced Smart Network Tester, Smart Network Tester, Network Tester</p>
---	---

References

- [LinkRunner® G2 Smart Network Tester | Network Validation | NetAlly](#)