

# LinkRunner® G2

## 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) PSE 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.



### Capabilities

- 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**
  - End-to-end network path performance tests against NetAlly OneTouch AT to validate LAN and WAN throughput.
  - Cable test (wiremap, open & short) & IntelliTone™ cable tracing
  - VLAN monitor that shows traffic distribution of top 9 VLANs
  - Packet capture up to 2G Bytes

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### Models and Accessories

| Model Number/Name | Contents   |
|-------------------|--|
| 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, small soft carrying case, coupler, <i>Quick Start</i> guide.  |
| LR-G2-1YS         | 1 year AllyCare Support for LR-G2  |
| LR-G2-3YS         | 3 year AllyCare Support for LR-G2  |
| LR-G2-KIT         | Includes: 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, accessories pouch, IntelliTone™ Pro 200 LAN toner/probe, medium soft carrying case, coupler, and <i>Quick Start</i> guide.  |
| LR-G2-KIT-1YS     | 1 Year AllyCare Support for LR-G2-KIT  |
| LR-G2-KIT-3YS     | 3 Year AllyCare Support for LR-G2-KIT  |
| 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, small soft carrying case, coupler, <i>Quick Start</i> guide, (2) LinkSprinter, and (2) LinkSprinter holster.  |
| LR-G2-LS-KIT-1YS  | 1 year AllyCare Support for the LR-G2 and LinkSprinter Kit   |
| LR-G2-LS-KIT-3YS  | 3 year AllyCare Support for the LR-G2 and LinkSprinter Kit   |
| LR-G2-ACKG2-CBO   | Includes (1) LinkRunner G2 with Li-ION battery, (2) power supplies with regional power plugs, automoblic power charger, WireView cable ID #1-#6, Inline RJ-45 coupler, (2) USB 2.0 to Micro USB cable, 8 G Micro SD card, (2) holsters, accessories pouch, (1) IntelliTone™ Pro 200 LAN toner/probe, soft carrying cases (small, medium, large), (1) AirCheck G2 wireless tester, (1) Test Accessory, <i>Quick Start</i> guides, and external directional antenna. |

### Specifications

| General                     |  |
|-----------------------------|--|
| Dimensions                  | 3.8 in x 7.7 in x 1.6 in (9.7 cm x 19.6 cm x 4.1 cm)                                       |
| Weight                      | 18 oz (0.51 kg)  |
| Battery                     | Rechargeable lithium-ion battery pack (3.6 V, 6 Ah, 21 Wh)                                 |
| Battery life                | Typical operating life is 4 hours. Typical charge time is 7 hours.                         |
| Display                     | 5.0 in color LCD with capacitive touch screen (480 x 800 pixels)                           |
| Keypad                      | 1-key elastometric (power only)  |
| Host interface              | Micro USB on-the-go port   |
| USB port                    | USB 2.0 Type A port  |
| SD card slot                | Supports Micro SD  |
| Cable test                  | Pair length, crossed, reversed and distance to open, short, split                          |
| Tone generator              | Digital tone: [455 KHz]; Analog tones: [400 Hz, 1 KHz]                                     |
| Ports                       | RJ-45 copper port 10/100/1000BASE-T. Fiber adapter port. Fiber port supports standard SFP. |
| External AC adapter/charger | AC input 90-264 V AC 48-62 Hz input power DC output 15 Vdc at 2 amps or RJ-45 via PoE      |



[netally.com/products/linkrunnerg2](https://netally.com/products/linkrunnerg2)