

LinkRunner® 10G

Advanced 10Gig Ethernet Tester

Cost-Effective, Line-Rate 10Gig Ethernet Testing

- Quickly test, verify, and troubleshoot 1Gig, Multi-Gig and 10Gig Ethernet (copper, fiber) including line-rate performance testing and packet capture
- LANBERT™ Media Qualification app tests the capability of premise cabling and media components for carrying Multi-Gig and 10Gig Ethernet
- Layer 1-7 AutoTest enables any technician to find network problems
- Monitor networks for intermittent issues, every minute for up to 24 hours

Overview

The LinkRunner 10G, is the most cost-effective solution for 10 Gig network testing. LinkRunner 10G simplifies testing and configuration of copper and fiber Ethernet networks, streamlining workflows by combining essential functions of installation and triage in a single, ruggedized unit.

This next-generation Android-based tester delivers complete network validation and troubleshooting, from the media (copper/fiber) to the application (layers 1 – 7), accelerating deployments, speeding problem identification, and improving the efficiency and effectiveness of network installers and operations teams.



Key Features

- Install, test, verify, and troubleshoot technology upgrades, Multi-Gig (NBASE-T) and 10G networks with advanced Android™-based troubleshooting apps and purpose-built test hardware
- Physical layer testing includes cable (TDR) testing, toning, wiremapping, LANBERT frame transmission testing, and cable SNR (Signal-to-Noise Ratio) for multi-gig links
- Compatibility with standards compliant SFPs enables test and validation of any wired media (copper or fiber) for a variety of use models
- Validate up to 90W 802.3bt PSE with TruePower™ loaded Power over Ethernet (PoE) test
- Two LinkRunner 10G units (or one unit paired with an EtherScope nXG) can be used for line-rate performance testing to verify network capacity, performance and QoS, as well as service provider SLAs between sites
- Programmable periodic AutoTest monitors for intermittent issues with email notifications through the Link-Live cloud service
- Separate management port enables secure “out of band” remote control so centralized experts can efficiently assist technicians in the field
- Optional USB Wi-Fi/Bluetooth adapter for connectivity and remote control
- Seamlessly consolidate, analyze, manage field test data, and integrate with network management systems via Link-Live™ collaboration, reporting, and analysis platform

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AllyCare-Enabled Features*

- **Discovery Features** – on the tester – Instantly see who & what is on the network and where they are connected, by switch, slot, and port number.
 - **Switch Management** – See interfaces, utilization, errors, discards, duplex, spanning tree (RSTP), recent reboots using SNMP monitoring
 - **Device Discovery** – Discover all devices then search the inventory using powerful filters and sorts. Add name/authorization to any device.
 - **Topology/Path Analysis** – Shows the L2 switch/L3 router path to any connected device
- **Topology Mapping in Link-Live** – Basic topology map controls and reporting are available to all LinkRunner 10G owners. With AllyCare support, you get detailed map controls, filtering, and advanced reporting options.
- **Cloud-Based Remote Control** – All LinkRunner 10G owners can remotely control their tester on the same network using VNC. With AllyCare support, you get simple and secure remote-control that allows you to connect from Link-Live™ directly to your network-connected LinkRunner 10G anywhere in the world for troubleshooting and collaboration without leaving your desk! (Requires internet access.)



***NOTE:** All new LR10G-200 mainframes are sold with the first year (1 year) of AllyCare support included. At the end of your existing contract, you must renew your AllyCare Support contract to continue utilizing the AllyCare-enabled features described above.

Models & Accessories

All new LR10G-200 mainframes are sold with the first year (1 year) of AllyCare support included. Additional year(s) of support may be added. Product registration and activation is required within 30 days of first power-on.

Model Number/Name	Description
LR10G-200	LinkRunner 10G Advanced Ethernet Tester Includes: (1) LR10G mainframe with one year of AllyCare support (LR10G-200-1YS), G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, WIREVIEW wire mapper #1, <i>Quick Start Guide</i> , and shoulder sling bag.
LR10G-200-KIT	LinkRunner 10G Professional Kit Includes: (1) LR10G mainframe with one year of AllyCare support (LR10G-200-1YS), G3-PWRADAPTER, EXG-LR10G-HOLSTER, SFP+MR-10G850, SFP+MR-10G1310, RJ-45 inline coupler, WIREVIEW wire mapper #1-6, <i>Quick Start Guide</i> , and medium soft case.
LR10G-200-1YS	1 year AllyCare Support for LR-10G (Use for either LR10G-200 or LR10G-200-KIT)
LR10G-200-3YS	3 year AllyCare Support for LR-10G (Use for either LR10G-200 or LR10G-200-KIT)
G3-PWRADAPTER	AC Charger replacement/spare for LR-10G mainframe with country power cords
EXG-300-LR10G2-KIT	Etherscope nXG 10G Performance Kit Includes: (1) EtherScope nXG and (1) LinkRunner 10G Use LR10G-200-1YS and EXG-300-1YS for 1 year of AllyCare support Use LR10G-200-3YS and EXG-300-3YS for 3 years of AllyCare support
EXG-LR10G-HOLSTER	Holster for LinkRunner 10G, EtherScope nXG, and EtherScope nXG CE
SFP+MR-10G850	SFP+ Optical Transceiver Module, SX/SR, 1G/10G, 850nm, Multimode
SFP+MR-10G1310	SFP+ Optical Transceiver Module, LX/LR, 1G/10G, 1310nm, Singlemode
US-WIFI-BT-USB	Edimax n150 Wi-Fi & Bluetooth USB Adapter for US and Canada
EU-WIFI-BT-USB	Edimax n150 Wi-Fi & Bluetooth USB Adapter for Europe

Specifications

General	
Dimensions	4.05 in x 7.67 in x 2.16 in (10.3 cm x 19.5 cm x 5.5 cm)
Weight	1.68 oz (0.77kg)
Battery	Rechargeable lithium-ion battery pack (7.2 V, 6.4 A, 46 Wh)
Battery Life	Typical operating life is 3-4 hours (Battery life from full charge varies depending on the feature being used); Typical charge time is 3 hours
Display	5.0 in color LCD with capacitive touch screen (720 x 1280 pixels)
Host Interfaces	RJ-45 and SFP Analysis ports RJ-45 Cable Test and Management Port USB Type-A Port and USB Type-C On-the-Go Port
SD card slot	Supports Micro SD card storage - up to 64GB supported
Memory	Approximately 8 GB available for storing test results and user applications, 1 GB packet capture buffer
Charging	USB Type-C 45-W adapter: 100-240 Vac, 50-60 Hz; DC Output Power 15 V (3 A)
Media Access	Copper: 10M/100M/1G/2.5G/5G/10G Fiber SFP Adapters: 1G/10GBASE-X
Supported IEEE Standards	Wired: 802.3/ab/ae/an/bz/i/u/z PoE: 802.3af/at/bt, Class 0-8 and UPOE
Cable Test	Pair lengths, opens, shorts, split pairs, crossed, straight through, and WireView ID Multi-Gig link Signal-to-Noise (SNR) measurement (5 dB threshold)

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 simplicity • visibility • collaboration

LR10G-FL-23-V1