netAlly

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

High-Performance, Line-Rate 10Gig Ethernet Testing

- Quickly test, verify, and troubleshoot at 1Gig, Multi-Gig and 10Gig Ethernet speeds (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 a high-performance solution for Multi-Gig and 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 tester delivers complete network validation and troubleshooting at line-rate 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 troubleshooting 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 or CyberScope) 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, visibility (with third-party apps), and remote control*
- Seamlessly consolidate, analyze, manage field test data, and integrate with network management systems via Link-Live™ collaboration, reporting, and analysis platform

AllyCare
PRODUCT SUPPORT

AllyCare Premium Support Benefits

LinkRunner 10G comes with 1 year of AllyCare support which includes:

- **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. (Requires internet access.)

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 <u>activation is required within 30 days of first power-on.</u>

Model Number/Name	Description
LR10G-200	**LinkRunner 10G Advanced Ethernet Tester** - includes: (1) LR10G mainframe with one year of Ally-Care support (LR10G-200-1YS), G3-PWRADAPTER, SFP+MR-10G850, RJ-45 inline coupler, WIREVIEW wire mapper #1, *Quick Start Guide,* 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, *Quick Start Guide*, and medium soft case.
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
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-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)

netally.com/products/linkrunner10g

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simplicity • visibility • collaboration