

LinkRunner[®] vs. LinkIQ[™]

Product Comparison



TESTING FEATURE (CAPABILITY)	LinkIQ	AT 3000	AT 4000	10G
PHYSICAL LAYER TESTING				
Cable Test (TDR + Wiremapping)	•	•	•	•
Blink Switch Port	•	•	•	•
Tone Generator (Including IntelliTone™)	•	•	•	•
Fiber Optic Capability		100M/1 Gbps, MM/SM SFP		1/10 Gbps MM/SM SFP
Cable Qualification	•			LANBERT™ App
AUTOTEST				
PoE Testing (Class range)	Class 0-8	Class 0-8, UPOE, Injector		
TruPower™ PoE Load Testing	70W	71.3W	71.3W	71.3W
Test PoE Injectors Voltage	•	•	•	•
802.1x Validation		•	•	•
Connection Log		•	•	•
User-defined MAC Address (for ACL validation)		•	•	•
Connected VLAN ID	•	•	•	•
Monitor VLAN trunk ports		•	•	•
Link Speed Detection – Multi-Gig, NBASE-T/10G	•	•	•	•
Connect & Verify Link Speed/Duplex – 10M, 100M, 1G	•	•	•	•
Connect & Verify Link Speed/Duplex – Multi-Gig/NBASE-T/10G				•
Detect Link Speed Downshift		•	•	•
Nearest Switch ID & Port Test (CDP/EDP/LLDP)	CDP/LLDP Only	•	•	•
Switch Interface Details	•	•	•	•
Switch Model ID		•	•	•
Switch Port Interface Utilization, Discards, Errors (via Discovery/SNMP)			•	•
Switch Configuration Tools (Browser, SSH, Vendor Apps)		•	•	•
DHCP Client	•	•	•	•
DHCP EURT, Connection Log, 2nd DHCP Offer, DHCP Options		•	•	•
DNS Name Lookup and Response Time	•	•	•	•
PING DNS Server	•	•	•	•
DNS Name Lookup and Response Time		•	•	•
Gateway Test with Response Time Warning Threshold		•	•	•
IPv6 Support	•	•	•	•
PING Test	•	•	•	•
PING Test with 24-hour trending		•	•	•
TCP Connect Test with 24-hour trending		•	•	•
End User Response Time Test (HTTP / FTP)			•	•
Profile Groups + Advanced configuration options in AutoTest		•	•	•
Periodic AutoTest (for monitoring intermitted problems)			•	•
Control the depth of AutoTest with “Stop After”		•	•	•
AutoTest Reverse Grading (customizable Pass or Fail on result)		•	•	•
Shareable AutoTest Profiles for Consistent Team Workflows		•	•	•

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DIAGNOSTIC APPS				
Ping/TCP App		•	•	•
Packet Capture			•	•
Network Discovery			•	•
L2/L3 Path Analysis			•	•
Network Topology Mapping (in Link-Live)			•*	•*
iPerf Test App		Via 3rd Party Apps	•	•
Network Performance Test Reflector (1 Gbps) <i>(Using EtherScope® nXG, CyberScope® or LinkRunner 10G as the source/test controller)</i>		•	•	Full Function Controller+ Peer
Run 3rd party apps to perform complete workflows (Label Printers, Trouble Tickets, Configuration Utilities, etc.)		Product Registration Required	•	•
INTERFACES				
USB-C Port	Power/Charge Peripheral Mode	Power/Charge Peripheral Mode/Host Mode		
USB-A Port		Host Mode		
RJ-45 Test Port	•	•	•	•
Built-In Patch Cable RJ-45 Test Port		•	•	
SFP Port (100M/1G SM/MM Fiber)		•	•	•
SFP Port (1G/10G SM/MM Fiber)				•
ADDITIONAL FEATURES, ETC.				
VNC Remote Control		•	•	•
Web Remote Control (via Link-Live)		•*	•*	•*
Out-of-Band Management Port		Via optional USB Wi-Fi Adapter		•
Option to Disable Functionality (Controlled Edition Feature) ¹		•	•	•
Over-the-Air Software Updates (via Link-Live)		•*	•*	•*
Number of reports that can be saved	Unlimited (via PC software)	Unlimited (via Link-Live)		
Support for BT/BLE Accessories		•	•	•
Label Printing (Optional)		Via optional USB Wi-Fi Adapter		
Wi-Fi Connectivity		Via optional USB Wi-Fi Adapter		
Basic Wi-Fi Visibility		Via 3rd Party Apps & USB Wi-Fi Adapter		
On Unit Resources		User Guide, Videos, Web Browser		
User Interface	Touch Screen	Touch Screen		
Screen Size	400 x 800 pixels	5.0 in / 12.7 cm color LCD (720 x 1280 pixels)		
Onboard Audio (Internal speaker, or use BT/BLE or USB)		•	•	•
Camera (Document tests, scan barcodes, etc.)		Optional via USB Adapter		•
Micro SD Card (for additional storage)				•
Battery Life	8 Hours Li-ION rechargeable	10 Hours Li-ION rechargeable		4 Hours Li-ION rechargeable
AC Adapter	15V USB-C Adapter	15V USB-C Adapter		
Power/Charge off PoE		•	•	•
AllyCare Premium Support	Optional	Optional	1st Year Included	

¹Administrators can disable specific functionality, allowing the analyzer to be used in restricted or secure environments.

*AllyCare-Enabled Feature - Products that are sold with 1-year AllyCare Support included have certain features and capabilities enabled. At the end of your existing contract, you must renew your AllyCare Support contract to continue utilizing the enabled features.

