

LinkRunner® Network Testers

Family Product Comparison



TESTING FEATURE (CAPABILITY)	AT 1500	AT 3000	AT 4000	10G
PHYSICAL LAYER TESTING				
Cable Test (TDR + Wiremapping)	•	•	•	•
Tone Generator (Including IntelliTone™)	•	•	•	•
Fiber Optic Capability		100M/1 Gbps, MM/SM SFP		1/10 Gbps MM/SM SFP
AUTOTEST				
PoE Testing (Class range)	Class 0-8, UPOE, Injector			
TruPower™ PoE Load Testing	Up to 71.3W			
Test PoE Injectors Voltage	•	•	•	•
802.1x Validation	•	•	•	•
802.1x Connection Log	•	•	•	•
VLAN ID	•	•	•	•
Monitor VLAN trunk ports	•	•	•	•
Connect & Verify Link Speed/Duplex – 10M, 100M, 1G	•	•	•	•
Connect & Verify Link Speed/Duplex – Multi-Gig/NBASE-T/10G				•
Link Speed Detection – Multi-Gig, NBASE-T/10G	•	•	•	•
Detect Link Speed Downshift	•	•	•	•
Nearest Switch ID & Port Test (CDP/EDP/LLDP)	•	•	•	•
Switch Interface Details	•	•	•	•
Switch Port Interface Utilization, Discards, Errors (via Discovery/SNMP)			•	•
DHCP Client	•	•	•	•
DHCP Connection Log, Response Time, 2nd DHCP Offer, DHCP Options	•	•	•	•
IPv6 Support	•	•	•	•
PING DNS Server	•	•	•	•
DNS Name Lookup and Response Time	•	•	•	•
Gateway Test	•	•	•	•
Test to IP Targets (PING / TCP CONNECT)	Unlimited			
End User Response Time Test (HTTP / FTP)			•	•
Profile Groups + Advanced configuration options in AutoTest	•	•	•	•
Periodic AutoTest			•	•
Control the depth of AutoTest with “Stop After”	•	•	•	•
AutoTest Reverse Grading (customizable Pass or Fail on result)	•	•	•	•

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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 Third-Party Apps		•	•
LANBERT™ Media Qualification ¹		Up to 1 Gbps	Up to 1 Gbps	Up to 10 Gbps
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		•	•
ADDITIONAL FEATURES, ETC.				
Web Remote Control (via Link-Live) or VNC	•*	•*	•*	•*
Out-of-Band Management Port	Via optional USB Wi-Fi Adapter			•
Option to Disable Functionality (Controlled Edition Feature) ²	•	•	•	•
Over-the-Air Software Updates (via Link-Live)	•*	•*	•*	•*
Number of reports that can be saved	Unlimited (via Link-Live)			
Support for BT/BLE Accessories	Via optional USB Wi-Fi Adapter			
Label Printing (Optional)				
Wi-Fi Connectivity				
Basic Wi-Fi Visibility	Via Third-Party Apps & USB Wi-Fi Adapter			
On Unit Resources	User Guide, Videos, Web Browser			
User Interface	Touch Screen			
Screen Size	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	10 Hours Li-ION rechargeable			4 Hours Li-ION rechargeable
AC Adapter	15V USB-C Adapter			
Power/Charge off PoE	•	•	•	•
AllyCare Premium Support	Optional		1-Year included	

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

¹LANBERT and Performance tests require the use of two units (or a loopback), a controller and remote.

²Administrators can disable specific functionality, allowing the analyzer to be used in restricted or secure environments.

