LinkRunner® Network Tester
Family Product Comparison

TESTING FEATURE (CAPABILITY)	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 3rd Party Apps	•	•
Network Performance Test Reflector (1 Gbps) *(Using EtherScope® nXG, CyberScope® or LinkRunner 10G as the source/test controller)*	•	•	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)[1]	•	•	•
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 3rd Pary 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	1st Year Included	

[1]Administrators 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.

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