



Portable Network Tool Selection	NetTool™ Series II	LinkRunner™ AT	CableIQ™
Network Interfaces			
10/100/1000BASE-T RJ45 Ports	2	1	1
Coax Port	-	-	1
100/1000BASE Fiber SFP Ports	-	1	-
10GBASE-X SFP+ Ports	-	-	-
10/100BASE-T Management Port	-	-	-
Video Port	-	-	-
Wi-Fi Adapters a/b/g/n	-	-	-
Spectrum Wireless Adapter	-	-	-
Physical Infrastructure Tests			
Cable Mapping and TDR	•	•	•
Built-in Patch Cable Test	•	•	-
Toner	•	•	•
PoE	802.3af	802.3af/at	-
PoE Loading (TruePower™)	-	•	-
Ethernet Tests			
Link Testing	•	•	-
Ethernet Signaling	-	•	-
Switch Health	-	-	-
Router Health	-	-	-
Nearest Switch Monitoring	-	-	-
Default Router Monitoring	-	-	-
Path Analysis (Layer 2 and Layer 3)	-	-	-
Inline VoIP	•	-	-
Virtual Server and Switch Support	-	-	-
Wi-Fi Tests			
802.11	-	-	-
802.11ac connect, detect, locate			
Nearest AP	-	-	-
Discovery	-	-	-
Connection Test	-	-	-
Connection Log	-	-	-
Connection Statistics	-	-	-
Network Analysis	-	-	-
AP Analysis	-	-	-
Client Analysis	-	-	-
AP and Client Traffic Statistics	-	-	-
Channel Analysis	-	-	-

Authorization State	-	-	-
AP & Client Locate	-	-	-
Traffic Analysis			
Local Utilization	-	-	-
Top Hosts	-	-	-
Protocol Statistics	•	-	-
Application Protocol Recognition	•	-	-
Top Hosts by Protocol	-	-	-
Top Conversations by Protocol	-	-	-
Host Protocol and Conversations	-	-	-
Protocol Statistics by VLAN	-	-	-
Top Hosts and Conversation by VLAN	-	-	-
Tops by Percentage of Bandwidth	-	-	-
Discovery			
Number of Devices	-	-	-
Device Categorization	-	-	-
IP/NetBIOS	-	-	-
Problems	-	-	-
Off Broadcast Domain Discovery	-	-	-
VLAN Discovery	•	•	-
VoIP Devices	-	-	-
IPv6 Devices	-	-	-
Wireless LAN Devices	-	-	-
Multi-adapter Discovery	-	-	-
Nearest Switch Discovery	•	•	-
Hosts Attached to Switch Port	-	-	-
SNMP System Group	-	-	-
Switch Port Statistics	-	-	-
10G Interface MIB Data	-	-	-
VLAN Port Membership	•	•	-
Devices on VLAN	-	-	-
Identify Switch Trunk/Uplink Ports	-	-	-
Trace Route	-	-	-
Trace Switch Route	-	-	-
Route/ARP Tables	-	-	-
Router WAN Port Statistics	-	-	-
IPv6 Infrastructure Analysis	-	-	-
Device Resource Monitoring	-	-	-
NetFlow Monitoring	-	-	-
Interface Monitoring	-	-	-
Application Troubleshooting			
WIN Server Performance	-	-	-
Post Capture Application Diagnostics	-	-	-
Multi-segment Analysis	-	-	-

Application Infrastructure Analysis	-	-	-
Packet Capture			
Wired, Single Port	-	-	-
Wired, Two Ports Aggregated	-	-	-
Wired, Inline	-	-	-
Wi-Fi	-	-	-
VoIP	-	-	-
Decode	-	-	-
Free String Match Trigger	-	-	-
Filtering	-	-	-
Frame Slicing	-	-	-
Capture Buffer Size	-	-	-
Application-centric Analysis	-	-	-
Video Analysis	-	-	-
Multi-segment Analysis	-	-	-
WireShark Support	-	-	-
EMAIL, Instant Message, T.38 Fax and Web Page Content Playback	-	-	-
VoIP Analysis	-	-	-
Atlas Functionality for Navigating Large Capture Files	-	-	-
Network Services Tests			
Wired	•	•	-
Wi-Fi	-	-	-
Performance Breakdown	-	-	-
DHCP	-	•	-
DNS	-	•	-
Ping (ICMP)	•	•	-
Connect (TCP)	•	•	-
Web (HTTP)	-	-	-
File (FTP)	-	-	-
Email (SMTP)	-	-	-
Multicast (IGMP)	-	-	-
Video (RTSP)	-	-	-
Performance Testing			
Y.1564	-	-	-
RFC 2544 derived	-	-	-
Wired to wired remote reflector	-	-	-
Wired to wired remote peer	-	-	-
Wi-Fi to wired remote reflector	-	-	-
Wi-Fi to wired remote peer	-	-	-
Wi-Fi to wired same tester	-	-	-
Throughput, loss, latency, jitter	-	-	-
EIR, EBR, traffic policing	-	-	-

Multiple streams on same path (≤ 8)	-	-	-
Peer or reflector mode	-	•	-
General Features			
AutoTest	-	•	-
Reports	•	•	•
Remote Control Sessions	-	-	-
IPv4	•	•	•
IPv6	-	•	-
SNMP v1/2/3	-	-	-
Receive-only Mode	-	-	-
User Accounts	-	-	-
Encrypted Remote Communication	-	-	-
Output to Syslog Server	-	-	-
802.1x Authentication	-	•	-
DHCP Address Acquisition Log	-	•	-
User-defined Protocols	-	-	-
VoIP Soft-phone Support	-	-	-
24-hour Granular Data	-	-	-
Jumbo Frame Support	-	•	-
Customizable Dashboards	-	-	-
Test Profiles	-	•	-
Guided Troubleshooting	-	-	-
Problem Log	•	-	-
Web Browser	-	-	-
MIB Browser	-	-	-
Telnet/SSH	-	-	-
Fiber Inspection Video Probe (option)	-	-	-
1 Gbps Traffic Generation	-	-	-
10 Gbps Traffic Generation	-	-	-
UI Languages	1	8	1
Physical			
Dimensions	7.5x3.5x1.75in (19.0x8.9x4.4cm)	3.5x7.8x1.9in (8.9x19.8x4.8cm)	7x3.5x1.75in (17.8x8.9x4.5cm)
Weight (with batteries)	1 lb 3 oz. (0.54 kg)	18 oz (0.5kg)	1 lb 3 oz. (0.55 kg)
External Antenna Connection	-	-	-
Color Display	-	•	-
Touch Screen Display	-	-	-
Battery Type	AA	Li-Ion or AA	AA
Battery Life	2+ hrs	6 hrs	20 hrs
Removable Memory	-	-	-
Modular Versiv™ Platform	-	-	-

