

Net Prowler™

Identify, monitor, and correct LAN issues

Detects 10/100/1000 Base-T, IPV4/IPV6, VLAN, DHCP and more

The Net Prowler™ Cabling and Advanced Network Tester takes all the features and functionality of the Cable Prowler™ and adds the capability to identify, monitor, and troubleshoot LAN issues associated with physical layer and link conditions in the network.

- Supports IPV4 and IPV6 protocols
- Verifies DHCP connectivity and DNS throughput
- Pings IPV4, IPV6, and URL addresses
- CDP, LLDP, NDP, and VLAN detection
- Detects the presence of POTS and displays line voltage
- Detects presence of PoE and class of PoE per IEEE 802.3af/at with load test for voltage drop
- Detects and reports current link speed and link capabilities for active Ethernet drops up to 1 Gbps
- Link light to identify location on a hub/switch/router port
- Tests CAT3/5e/6/6a Ethernet cable configuration and verifies connectivity while conducting tests for opens, shorts, miswires, split pairs, and reverses
- Supports up to 8 testing and ID remotes for network & telephone cables
- Supports up to 20 network and coax ID-only mapping remotes
- Ability to define Network test name, cable name, save and print all results (cable testing and network testing)



Pass	Fail	Network - PoE Testing
<p>T568B</p> <p>1 2 3 6 4 5 7 8 S</p> <p>PASS ID-3</p> <p>VoP 68.0 %</p> <p>Pair 1-2 Length = 46.1 ft</p> <p>Pair 3-6 Length = 46.6 ft</p> <p>Pair 4-5 Length = 46.6 ft</p> <p>Pair 7-8 Length = 46.6 ft</p>	<p>T568B</p> <p>1 2 3 6 4 5 7 8 S</p> <p>FAIL ID-1</p> <p>VoP 68.0 %</p> <p>Pair 1-2 Length = 5.5 ft</p> <p>Pair 3-6 Length = 5.7 ft</p> <p>Pair 4-5 Length = 5.8 ft</p> <p>Pair 7-8 Length = 5.5 ft</p>	<p>PoE</p> <p>Link Capability Link Flow Control</p> <p>10Base-T Full / Half Duplex</p> <p>100Base-TX Full / Half Duplex</p> <p>1000Base-T Full / Half Duplex</p> <p>Connected at PoE + A 25.5W Max</p> <p>100 Base-TX 57.9 V Min Load</p> <p>MDI FDX 56.1 V Max Load</p>

Network Testing - PoE Testing

- Detects and reports advertised and current link speed and link speed
- Ping both IPV4 and IPV6 addresses
- Detects the presence of VLANs
- CDP/LLDP/ NDP and VLAN identification provides network configuration information
- Ping specific URL to verify WAN connectivity
- Blinks link light to identify location on a hub/switch/router port
- Detects presence of PoE and class of PoE per IEEE 802.3af/at with load test for voltage drop

Physical Features

- High resolution full color graphical display
- Displays wire map in color per TIA-568A/B color codes, in pin or pair order (configurable)
- Protective rubber boot
- Micro USB connector (to export cable reports), RJ45 connector, and coax connector

Ordering Information



NP700

- Net Prowler Main Unit
- Coax and Network Remote Set: #1-5, F-Conn coupler includes foam holder
- Network/Tel Testing and ID Remote #1
- RJ12 Cable – Qty 2
- Micro USB Cable
- Hanging T3 Pouch



NP750

- Net Prowler main Unit
- Coax and Network Remote Set: #1-5, F-Conn coupler includes foam holder
- #1-8 Network/Tel Testing and ID Remotes
- RJ12 Cable – Qty 2
- Micro USB Cable
- Large T3 Pouch



NP800

- Net Prowler Main Unit
- #1-8 Network/Tel Testing and ID Remotes
- #1-20 Coax Remotes
- #1-20 Network Remotes
- RJ12 Cable – Qty 2
- Micro USB Cable
- Large T3 Pouch

Net Prowler Application

- Preview test results as PDF or CSV
- Perform throughput test using the Net Prowler
- Update Net Prowler Firmware

Specifications

Measurement Technology	Time Domain Reflectometry (TDR)
Cable Measurements	Cable Testing and ID: up to 1000 ft (305 m) Split Pair Detection: 3 ft (1 m) to 1,000 ft (305 m) Length Measurement: 0 to 1,500 ft (457 m), ± (5%+1ft) Supports 8 continuity and ID number remotes (RJ-45) Supports 20 RJ-45 and 20 F-connector ID only remotes
Power over Ethernet	Tests for IEEE 802.3af and IEEE 802.3at (PoE Plus) compliant PoE Loads cable up to 25.5 watts (at class 4) Identifies Mode A or B (pairs with PoE)
Active Ethernet	Indicates advertised speeds of 10/100/1000base-t half or full duplex Can Link to network at 10/100base-t
Maximum Voltage	Parameters refer to the maximum voltage that can be applied to any 2 connector pins without causing damage to the tester. • RJ Jack: 66 Vdc or 55 Vac • F-connector: 50 Vdc or Vac
Save Test Results	Stores up to 250 Cable or network tests with user defined names
Tone Generation	Tone Frequencies: 730 Hz and 1440 Hz
Languages	English, French, Spanish
Battery Life	For 6 x AA, 9VDC, 2,200 mA-hr (typical) alkaline battery: Operating – 20 hours typical Standby – Life of battery (20uA max) Batteries are included
Altitude	10,000 ft (3048 m) operating
Temperature	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to +140°F (-30 to 60°C)
Humidity	10 to 90% non-condensing
Enclosure	High-strength PC/ABS plastic with V0 rating with boot Withstands 4 foot drop on to concrete
Size	1.85"H x 3.6"W x 6.8"L (4.7 x 9.15 x 17.3 cm)
Safety Compliances	CE
Weight with Batteries	1 lb 2 oz (510 g)
Warranty	1 Year