

# 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
- Pings IPV4, IPV6, and URL addresses
- CDP, LLDP, NDP, and VLAN detection
- TCP/UDP Throughput Test
- 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)



## Network Mapping



## IPV6



## LLDP Search



### 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

<b>Measurement Technology</b>	Time Domain Reflectometry (TDR)
<b>Cable Measurements</b>	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
<b>Power over Ethernet</b>	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)
<b>Active Ethernet</b>	Indicates advertised speeds of 10/100/1000base-t half or full duplex Can Link to network at 10/100base-t
<b>Maximum Voltage</b>	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
<b>Save Test Results</b>	Stores up to 250 Cable or network tests with user defined names
<b>Tone Generation</b>	Tone Frequencies: 730 Hz and 1440 Hz
<b>Languages</b>	English, French, Spanish, German, Italian
<b>Battery Life</b>	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
<b>Altitude</b>	10,000 ft (3048 m) operating
<b>Temperature</b>	Operating: 32 to 122°F (0 to 50°C) Storage: -22 to +140°F (-30 to 60°C)
<b>Humidity</b>	10 to 90% non-condensing
<b>Enclosure</b>	High-strength PC/ABS plastic with V0 rating with boot Withstands 4 foot drop on to concrete
<b>Size</b>	1.85"H x 3.6"W x 6.8"L (4.7 x 9.15 x 17.3 cm)
<b>Safety Compliances</b>	CE
<b>Weight with Batteries</b>	1 lb 2 oz (510 g)
<b>Warranty</b>	1 Year