PLATINUM TOOLS®

Net Chaser™
Ethernet Speed Certifier

Test and Speed Certify Ethernet Network Cables to 1 GB

The Net Chaser™ Ethernet Speed Certifier offers a complete solution to test and speed certify the data-carrying capabilities of Ethernet network cables up to 1 Gb/s by testing for noise in the network, detecting faults in the cable wiring, and ensuring that cables are able to support the speed capabilities of active equipment.

• Speed Certification to IEEE standards 802.3
• Cable testing to TIA 568A/B

The NetChaser's advanced discovery gives the clearest vision of network layout and interfaces between active components like servers, switches, routers, etc. Saves test reports and exports to PC's in PDF or CSV format.

• Pings specific IPs or URL addresses
• DHCP
• Traceroute
• VLAN

P/N	Description	UPC Code
TNC950AR	Net Chaser™ Ethernet Speed Certifier	849160008309

LINK   CHARGE
PLATINUM TOOLS®
MODULE TMA050-NC

100%   Home Screen   4:37 PM
Cable Test   Link Test   Network Test
System Settings   File Manager

TNC950

Net Chaser™

MADE IN USA

Net Chaser™
Ethernet Speed Certifier
TNC950AR

We Make Connections EZ!

Test Equipment Depot
1-800-517-8431
99 Washington Street
Melrose, MA 02176
Phone 781-665-1400
Toll Free 1-800-517-8431

Visit us at www.TestEquipmentDepot.com

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Net Chaser™

ETHERNET SPEED CERTIFIER

TEST AND SPEED CERTIFY ETHERNET NETWORK CABLES TO 1 GB

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NET CHASER™
MAIN UNIT

LARGE CARRYING CASE

NET CHASER™

TNC950AR

INCLUDES:

- NET CHASER™ MAIN UNIT
- ACTIVE REMOTE
- POWER SUPPLY (2) (NA/EU/AU/UK)
- 4 GB SD CARD
- MICRO USB
- NETWORK PATCH CABLE (2)
- RJ45 PORT SAVER (2)
- HANGING STRAP AND CLIP (2)
- LARGE CARRYING CASE
- F-CONNECTOR (F81)
- USER MANUAL

ACTIVE REMOTE

POWER SUPPLY (2)

RJ45 PORT SAVER (2)

MICRO USB

F-CONNECTOR

NETWORK PATCH CABLE (2)

HANGING STRAPS & CLIPS (2)

Optional Accessories

Model	Description
T138	#1-8 Network Testing and ID Remotes
TRK120	#1-20 ID Only Coax Remotes
TRK220	#1-20 ID Only Network Remotes
TAK030	Network Accessory Kit (includes: (4) Network patch cables 1ft., (2) RJ45 to 8 way alligator clips, (2) F-Jack to BNC adaptor, (2) RJ45 Port Savers

Model	Description
TAR104	Net Chaser Active Remote with selectable #1 to #4 ID's
TP150	Tone & Probe
TPS120	AC to DC Power Supply: 12V 2.5A inter plugs
21025	RJ45 Port Saver
TCA015	24 inch cable assembly 8-Way alligator clips to RJ45

Model	Description
TCA016	1 ft. Network patch Cables (2 pcs)
TAK010	Hanging strap with carabineer clip
18301	F-Connector coupler (F81)
4007	Hanging pouch

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Melrose, MA 02176
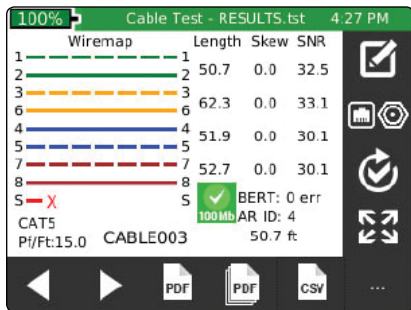Phone 781-665-1400
Toll Free 1-800-517-8431

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- SPEED CERTIFICATION TO IEEE STANDARDS 802.3
- CABLE TESTING TO TIA 568A/B
- ACTIVE NETWORK TESTING
- PINGS SPECIFIC IPs OR URL ADDRESSES

CABLE TESTING

TO CERTIFY ETHERNET SPEED PERFORMANCE OF CABLE RUNS, THE NET CHASER™ CONDUCTS BIT ERROR RATE (BER) TESTS (USING ACTIVE REMOTE) BY SENDING DATA PACKETS DOWN SPECIFIED CABLE RUNS AT DEFINED DATA RATES TO CHECK FOR ERRORS AT THE MAXIMUM THROUGHPUT OF THE LINK. THE NET CHASER™ REPORTS ON SIGNAL QUALITY THAT CAN IMPACT HIGH-SPEED DATA TRANSMISSION BY MEASURING SIGNAL-TO-NOISE RATIO (SNR). SKEW MEASUREMENTS REPORT ON THE SIGNAL TIME DELAY BETWEEN PAIRS THAT CAN IMPACT GIGABIT DATA TRANSMISSION. FINALLY, THE NET CHASER™ UNIT PROVIDES CONTINUITY TESTING THAT DETECTS OPENS, SHORTS, MISWIRES, SPLIT PAIRS, REVERSALS, AND HIGH-RESISTANCE FAULTS WHILE ACCURATELY MEASURING DISTANCE TO FAULTS AND TOTAL CABLE LENGTH.
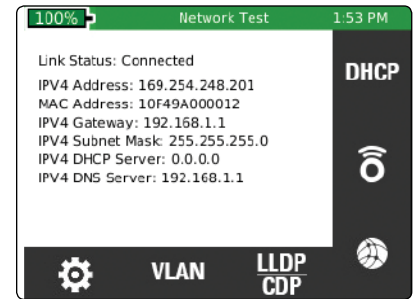
NETWORK CONFIGURATION AND CAPABILITY TESTING

THE NET CHASER™ INCLUDES A COMPREHENSIVE SET OF FEATURES FOR TESTING ACTIVE NETWORK CAPABILITIES: MEASURE POWER OVER ETHERNET (PoE) TO ENSURE THE CORRECT POWER IS AVAILABLE ON THE CORRECT PINS, USE PORT DISCOVERY TO ENSURE THE CORRECT SPEED AND DUPLEX CAPABILITY ARE AVAILABLE; CONNECT AT GIGABIT ETHERNET AND RUN PING TESTS TO VERIFY CONNECTIVITY TO IP HOSTS; DISCOVER NETWORK DEVICES USING CISCO DISCOVERY PROTOCOL (CDP) OR LINK LAYER DISCOVERY PROTOCOL (LLDP); VLAN DISCOVERY; TRACEROUTE FUNCTION DISPLAYS THE PATH INTERNET PACKETS TRAVEL TO REACH A SPECIFIZED DESTINATION. THE NET CHASER™ ALSO SAVES TEST REPORTS AND EXPORTS TO PC'S.

- ACTIVE ETHERNET (LINK CAPABILITY AND LINK STATUS)
- DETECTS PoE/PoE+ AND LOAD TEST FOR VOLTAGE DROP
- IPV4 SUPPORT
- VLAN DISCOVERY
- PING TO A SPECIFIC IP OR URL ADDRESS
- PING UP TO 8 ADDRESSES AT A TIME
- LINK LIGHT
- DHCP
- DISCOVERS CDP AND LLDP PROTOCOLS
- TRACEROUTE

SAMPLE SCREEN

Cable Test Results — Net Chaser™ Ethernet Speed Certifier

The Cable Contractor

TEST_REPORT_3.pdf 10:57 AM 5-11-2016 1 of 3

Test Engineer: Name
info@ptools.com
PLATINUM TOOLS Phone: 8053842777

ID	Type	Length	SNR	BERT	Date	VoIP	Result
CABLE001	CAT5E	26.9 ft	30.1	0	5/11/16	✓ VOIP	✓ 1 Gbps
CABLE002	CAT5E	23.8 ft	30.1	0	5/11/16	✓ VOIP	✓ 1 Gbps
CABLE003	RG58	10.5 ft	---	---	5/11/16	---	---
CABLE004	CAT5	13.9 ft	30.1	0	5/11/16	✓ VOIP	✓ 100 Mb
CABLE005	CAT5	13.5 ft	---	---	5/11/16	---	✓
CABLE006	CAT5E	32.8 ft	30.1	0	5/11/16	✓ VOIP	✓ 1 Gbps
CABLE007	CAT5E	9.7 ft	30.1	0	5/11/16	✓ VOIP	✓ 1 Gbps
CABLE008	CAT6A	6.5 ft	---	---	5/11/16	---	✗
CABLE009	CAT6	37.0 ft	30.0	0	5/11/16	✓ VOIP	✓ 1 Gbps

*Cable Test Report with Company Logo

CDP/LLDP Test Results — Net Chaser™

CDP.pdf 12:30 PM 5-11-2016 1 of 1

Test Engineer: Name
user@email.com
Company Phone: (000)000-0000

CDP
System Name: switch8c7dc4
Device ID: PSZ18171N3Q/00e16d
Port ID: gi1
VLAN: 1
IP Address: 192.168.5.117
fe80::2e1:6dff:fe8c:7dc4

Platform Name:
Cisco SG300-10MPP (PID:SG300-10MPP-K9)-VSD
Capabilities: Router, L2 Switch, IGMP snooping

SAMPLE SCREEN

Network Test 1:53 PM 100%

Link Status: Connected
IPV4 Address: 169.254.248.201
MAC Address: 10F49A000012
IPV4 Gateway: 192.168.1.1
IPV4 Subnet Mask: 255.255.255.0
IPV4 DHCP Server: 0.0.0.0
IPV4 DNS Server: 192.168.1.1

DHCP · VLAN · LLDP CDP

*Active Network Test Report

Net Chaser™
Ethernet Speed Certifier

PLATINUM TOOLS®

Physical Features

- 3.5" Color Touch Screen Display
- Compact Form Factor
- 3rd Generation Rechargeable Lithium-Ion Batteries
- Benchtop, Handheld, or Hung Up
- Uses Modular Cable Interfaces
- SD Card for Data File Transfer of Cable Tests
- Field-Upgradeable Firmware
- Built-in stand

Hanging Strap and Clip

Active Remote (TAR104)

- User-selectable ID #1-4
- Pass or fail indication
- Lithium-ion batteries

Performance and Speed Certification

- Supports IEEE 802.3 signal speed carrying specifications to 1 gigabit
- Test interconnect specifications per TIA 568/570
- Measures the quality of the signal through the cable against set criteria on cable data-carrying capability in real time; 100Mbit/gigabit speeds
- Real-time testing on the performance capability of the cable

Connectors

- 8-Position shielded modular jack (Data)
- F-coax (video)

Specifications

Length Measurement	Time Domain Reflectometry & Capacitance
Power	International plug adapters: (NA/EU/AU/UK): Input 100-240VAC 50/60Hz, Output 12VDC 2.5A DC Input Jack: 10-28VDC, 20 watts max Battery pack - Rechargeable Li-ion rated 7.8V, 5500mAh, initial capacity Battery life - Linked @ 1Gb - 8 hours minimum
Output Connectors	8-Position shielded modular jack (Data) F-coax (video)
Interfaces	Micro USB, SD flash card
Languages	EN, FR, ESP, DEU, ITA
Battery Life	Battery pack - Rechargeable Li-ion rated 7.8V, 5500mAh, initial capacity Battery life - Linked @ 1Gb - 8 hours minimum Active, not linked - 20 hours
Altitude	10,000 ft. (3,048 m) operating
Temperature	Operating: -10 to 60°C Storage: -30 to 70°C
Humidity	10 to 90% non-condensing
Enclosure	High-strength PC/ABS plastic with V0 rating with boot
Size	2.41"H x 4.18"W x 9.03"L (6.12 x 10.61 x 22.94 cm)
Weight	With batteries: 1 lb 12 oz
Warranty	1 Year

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