

# Net Chaser™ Ethernet Speed Certifier

Test and Speed Certify  
Ethernet Network Cables  
to 1 GB



**Net Chaser™**  
Ethernet Speed Certifier  
TNC950AR

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



SEE DEMO AND  
USER GUIDE

California, USA  
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[www.platinumtools.com](http://www.platinumtools.com)

**We Make Connections EZ!**

**P/N TNC950AR**

# Net Chaser™

**ETHERNET SPEED CERTIFIER**

**TEST AND SPEED CERTIFY**

**ETHERNET NETWORK CABLES TO 1 GB**

**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



**Optional Accessories**

Model	Description	Model	Description
T138	#1-8 Network Testing and ID Remotes	TAR104	Net Chaser Active Remote with selectable #1 to #4 ID's
TRK120	#1-20 ID Only Coax Remotes	TP150	Tone & Probe
TRK220	#1-20 ID Only Network Remotes	TPS120	AC to DC Power Supply: 12V 2.5A inter plugs
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	21025	RJ45 Port Saver
		TCA015	24 inch cable assembly 8-Way alligator clips to RJ45
		TCA016	1 ft. Network patch Cables (2 pcs)
		TAK010	Hanging strap with carabineer clip
		18301	F-Connector coupler (F81)
		4007	Hanging pouch

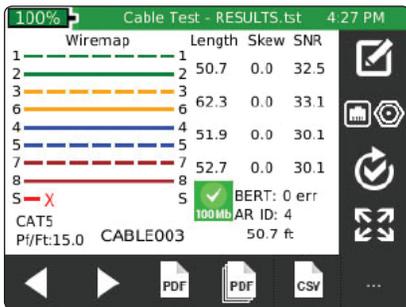
**WE MAKE CONNECTIONS EZ!**



- 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.

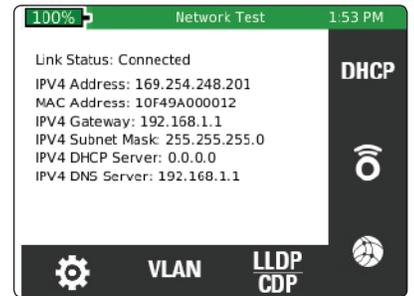


SAMPLE SCREEN

## 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 SPECIFIED 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

**The Cable Contractor** Cable Test Results **Net Chaser™**  
Ethernet Speed Certifier

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	100Mb
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	---	X
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: gj1  
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

\*Active Network Test Report

## 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



## Connectors

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



## 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

## Specifications

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

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