



NaviTEK NT

Copper and Fiber Network Troubleshooter

Test Equipment Depot - 800.517.8431 - 5 Commonwealth Ave, MA 01801 - TestEquipmentDepot.com

NaviTEK NT

Network Troubleshooter

The NaviTEK NT is a network tester for troubleshooting and maintenance of active and passive copper and fiber networks. Incorporating an improved graphical interface NaviTEK NT allows network technicians to pinpoint and solve network connectivity issues faster than ever before. Subsequently, tests can be saved as pdf reports and shared with colleagues and clients using the free TREND AnyWare™ app.

Addressing the needs of today's network technicians

Today, network technicians have a broad selection of software troubleshooting tools at their disposal and whilst useful in certain situations and environments they do have limitations. NaviTEK NT on the other hand offers a comprehensive suite of test and troubleshooting functionality only found on dedicated hand-held testers:-

- · Copper and fiber test interfaces
- Fast detection of link and IP information including duplex, speed, port ID, VLAN, DNS, DHCP, Gateway status and IP address
- Detects services such as ISDN, POTS and PoE
- · Accurate wire mapping including length measurement and distance to fault
- Rugged, compact design permits use in confined spaces
- · Not susceptible to virus and malware attack

NAME AND ASSESSED.

Port & network summary info



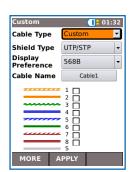
Press the Autotest button to display summary information and allow for detailed inspection of network parameters.

VLAN detection & operation



Automatic detection of VLAN ID's allows the user to configure NaviTEK NT for operation on a VLAN.

Custom Wiremap



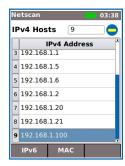
Use a list of wiremap templates for common Ethernet cable types as well as non-Ethernet cables, such as Profinet and ISDN.

CDP/LLDP/EDP port information



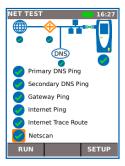
Show port information using Cisco Discovery Protocol (CDP), Link Layer Discovery Protocol (LLDP) and Extreme Discovery Protocol (EDP).

Netscan



Display list of IP and MAC addresses of every device connected to the network.

Network Probe



View network illustration to verify test results of each network component.

Send test data from anywhere using the free app









Step 1

Test

- · Create job folder
- Enter job site information
- Perform autotest on copper/fiber cabling and copper/fiber networks

Step 2

Connect

- Activate NaviTEK NT wireless hotspot
- Connect your mobile phone or tablet with the TREND AnyWARE App
- Transfer test reports to your mobile device

App Store

• View test reports

Step 3

Send

- Select reports (PDF or CSV) to send
- Select preferred transfer method email, ftp, cloud storage etc.
- Send file
- Alternatively save test reports to USB key

NaviTEK NT

Performs tests for copper cabling and networks, including:

- Display network configuration IPv4 / IPv6 compatible
- Advanced wiremap for miswires, split pairs, opens and shorts
- Distance to opens and shorts (TDR)
- PoE/PoE+ detection
- Tone generator for cable tracing
- Autotest button performs Ping and Traceroute test (network mode)
- Hub blink for port identification
- DHCP client
- Switch detection 10/100/1000 Mb/s
- User-exchangeable RJ45 inserts
- Support for up to 12 wiremap remotes
- Backlit color screen

NaviTEK NT Plus

All the features of NaviTEK NT as well as:

Download the FREE app today

Google play

- Touchscreen
- · Custom wiremap
- Autotest button performs a suite of network tests: Internet connectivity (Ping, DNS, Gateway, Traceroute) and NetScan
- Network Probe (NET TEST) provides detailed port and network information of each device
- Port identification using EDP/CDP/LLDP protocols
- VLAN detection and support
- Network scan (IP & MAC addresses of devices)
- PoE/PoE+ load test
- Traffic utilization bar graph
- Internal memory for 5000 test reports
- Generate test reports (PDF or CSV)
- TREND AnyWARE App

NaviTEK NT Pro

All of the features of NaviTEK NT Plus as well as:

- Fiber optic cable interface
- Logon using the 802.1x protocol
- Optical power level and pass/fail indication with supported SFP
- Loopback mode for transmission testing on both copper & fiber interfaces

NaviTEK NT

Network Troubleshooter

Test Reporting

NaviTEK NT automatically generates test reports in PDF or CSV format.

The summary page of each report can be customised to include logo, company and operator details. Choose between 3 different reports that can show either passed, failed or all test reports in each report:

- Summary
- Brief
- Full (see example on the right side)

Ordering Information

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Part No.	Kit Contents
R153001	NaviTEK NT – Network Troubleshooter. 1 x NaviTEK NT test unit, 1 x Remote unit No. 1, 4 x AA dry cell batteries (non-rechargeable), 2 x Patch cables - 30cm, Cat. 5e STP, 1 x Quick reference guide, 1 x Carry case
R151005	NaviTEK NT Plus – Network Troubleshooter. 1 x NaviTEK NT Plus test unit with touchscreen, 1 x Remote unit No. 1, 1 x Rechargeable Power Module, 1 x PSU EU/UK/US adapters, 2 x Patch cables - 30cm, Cat. 5e STP, 1 x USB Wi-Fi adapter, 1 x Quick reference guide, 1 x Carry case
R151006	NaviTEK NT Pro – Network Troubleshooter. 1 x NaviTEK NT Pro test unit with touchscreen, 1 x Remote unit No. 1, 1 x Rechargeable Power Module, 1 x PSU EU/UK/US adapters, 2 x Patch cables - 30cm, Cat. 5e STP, 1 x USB Wi-Fi adapter, 1 x Quick reference guide, 1 x Carry case

Optional Accessories

Part No.	Description							
MGKSX1	1 x 850nm SX MM SFP + fiber patch cord accessories kit							
MGKLX2	1 x 1310nm LX SM SFP + fiber patch cord accessories kit							
MGKZX3	1 x 1550nm ZX SM SFP + fiber patch cord accessories kit							
150058	RJ-45 replacement kit - Pack of 10 replacement inserts with extraction tool							

Basic Specifications

Max. No. of Jobs	Max. No. of Stored Test	Max. Length	Battery Life	Dimensions per handset in mm	Weight per handset
50	5000	181 m/593 ft.	5 hours	175 x 80 x 40	0.4 kg





Date Tested	: Building_! : October 2			Owner: tes impany:	ter					PA	🕶		
Time Tested: 17:00 Info 1: ST_Johns_Uni		Address 1: STOKENCEHURCH			CH				Test001	.7			
		.Uni	Address 2: OXFORD ROAD							ESN: 001606-88007			
	: PORT_7			City:				7		Lare. oc	1000		
	ROW_24			State:				lame: Switch					
	RACK_3			Zip:		6				- 49 Ci-	and the state of		
	: WAN_ACC		Country: UK				System Description: GS748Tv5 ProSafe IP Address: 172,20,1.6				e 40-port digasit E		
Info 6: COMMS_ROOM1					4414944864	Port Address: 08:bd:43:6a:b2:6					73		
	: FLOOR_2: : THAMES_			Phone2:			Port Descrip Capabi						
							PoE Power	(W):					
		tup			Results			7		Detected	VLAN IDs		
Port Line Rate	Auto Auto		RJ45 1000 Mb/s					1		-			
Duplex	Auto		Full Dupler										
	DHCP		Assigned	172.20.20	.24								
IPv6	Stateless		Assigned		1501:0000:21	16:6ff:fe88:	7d						
								_					
			Setup						esults				
PoE	PoE	Min. Pwr					Pair 12-36		Voltage	Pair 45-7			
Load	Type PoE+	(W) 0				Voltage (V)	(mA)	Power (W)	Voltage (V)	(mA)	Power (W)		
Primary	_	Destination		Pause	Length	Tx	Re	Min RTT	Avg RTT	Max RTT	-		
DNS Ping	Type	Address		(ma)	(Bytes)	(Frames)	(Frames)	(ms)	(ms)	(ms)			
0	Auto	172.20.1.1		1000	64	3	3	1.2	1.2	1.2			
Secondary		Destination		Pause	Length	Tx	Rx	Min RTT	Avg RTT	Max RTT			
DNS Ping	Type	Address 172,22,5,1		(ms) 1000	(Bytes) 64	(Frames)	(Frames)	(ms)	(ms) 42.6	(ms) 64.3			
\bigcirc	Auto					ľ	3						
Gateway		Destination		Pause	Length	Tx	Rx	Min RTT	Avg RTT	Max RTT			
Ping	Type	Address		(ms)	(Bytes)	(Frames)	(Frames)	(ms)	(ms)	(ms)			
O	Auto	172.20.0.3		1000	64	3	3	1.1	1.3	1.6			
Internet		Destination		Pause	Length	Tx	Rx	Min RTT	Avg RTT	Max RTT			
Ping	Type Manual	Address		(ms) 1000	(Bytes)	(Frames)	(Frames)	(ms)	(ms) 5.2	(ms)			
	Manual	www.google	.com	1000	64	3	3	4.4	5.2	6.6			
Trace		Destination		Max	Timeout	Total			Time 1	Time 2	Time 3		
Route	Type	Address		Hops	(s)	Hops			(ms)	(ms)	(ms)		
0	Auto	www.google	.com	30	3	6			4.059	4.08	3.984		
Netscan		Host Address		Scan Range	Max Hosts	Hosts							
	IPv4	10.0.0.2		Class C/24	256	35					_		
	IPv6					21					i i		
	IP Address		MAC Addre			J	IP Address			MAC Addr			
	172.20.20.2		00:00:29:45				172.20.20.3			a4:5d:36:d			
	172.20.20.2		54:be:f7:16				172.20.20.3			54:be:f7:1			
	172.20.20.4		2c:27:d7:3a				172,20,20,			08:2e:5f:0			
	172.20.20.5		a4:5d:36:d1 3c:d9:2b:5c				172.20.20.1			00:1a:a0:9 2c:76:8a:d			
	172.20.20.5		3c:d9:2b:5c 10:78:d2:vf:				172.20.20.1			2c:76:8a:d a0:48:1c:9			
	172.20.20.6		10:78:62:cf: ac:81:12:7a				172.20.20.1			00:48:1c:9			
	172.20.20.1		54:be:f7:16				172.20.20.1			f0:de:f1:0t			
								••					





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