



**IPv6 and IPv4  
Traceroute, DHCP, Ping**

**Large color screen - Easy navigation**

**PoE Detection**

- ➔ *Excellent wiremapping by pin, with distance to fault*
- ➔ *VLAN support*
- ➔ *802.1x security support (PRO model)*
- ➔ *Fiber interface (PRO model)*
- ➔ *Store up to 250 test results*
- ➔ *ID Port and Link Speed*

## **NaviTEK® II**

### **Frontline Network Technician Tool**

See what you have been missing with other frontline network technician tools!

IDEAL's NaviTEK® II offers many features not found in other tools of its class. Though not widely deployed in the past, capabilities such as IPv6, PoE and VLANs, are now commonplace in today's modern networks.

Modern networks require modern testing and troubleshooting capabilities to enable frontline technicians quick identification and resolution of a wide range of network and cabling issues. Until NaviTEK® II, these capabilities have only been found in much higher priced tools.

Now all technicians can carry the power to test and solve today's complex network challenges with accuracy and confidence. Use a NaviTEK® II and see your network and cabling system more completely while reducing time spent on testing and troubleshooting.





# NavITEK® II

## Comprehensive Frontline Tool

The power in your hands to confidently identify, troubleshoot and repair networking and cabling issues. See more and do more with NavITEK® II.



## Unique Class Leading Features

### Easy to See User Interface

- Large, bright and clear color screen
- Large icons for accuracy and efficiency
- 5-way navigation buttons for easy navigation
- On screen keyboard for easy data input
- Autotest completes several tests automatically

### Essential Features for Modern Networks – IPv6!

- Simultaneously see and test IPv6 and IPv4 network information
  - Ping, Traceroute, DHCP
  - Store up to 10 common destinations
- Netscan – one touch, fast discovery
  - Auto discover IPv6 and IPv4 network nodes
- VLAN interface support (full 4094 range with priority)

### Test Power Over Ethernet

- See the availability of PoE sources in real time (802.3af and 802.3at)

### Accurate Cable Testing and Fault Finding

- Advanced Wiremap – pin by pin help you pinpoint faults
- Total distance, distance to fault with graphical display
- One connector for cabling and network tests, no need to move the cable
- Includes smart remote for very accurate results
- Built in toning capabilities to quickly distinguish cable

### Reporting of Test Results

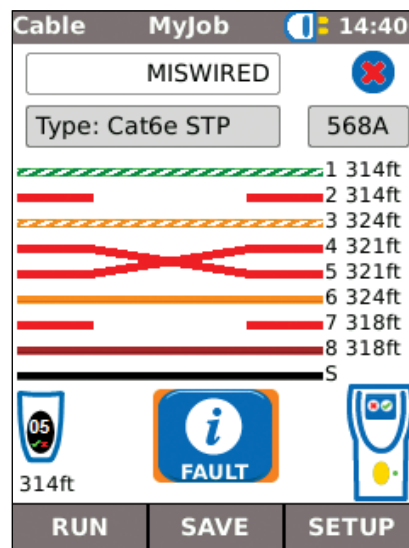
- Simplify customer reporting and create accurate documentation
- Generate and store results in standards compliant XML format

### Large Color Screen



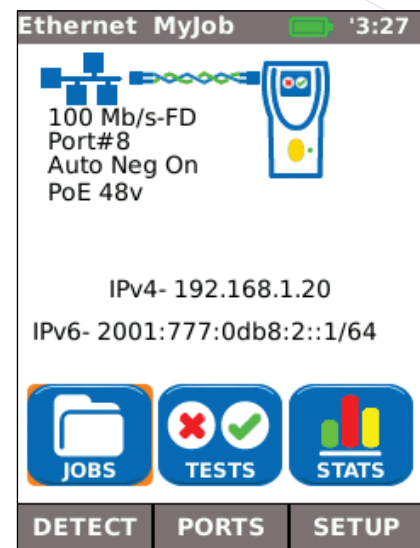
- Easy to see
- Easy to navigate
- Quick to test

### Find Faults Fast



- Clearly see cabling faults
- Know where they are
- Validate repairs

### PoE and IPv6



- Be prepared for any challenge
- Test and validate IPv6 networks
- Test and validate PoE sources

**Feature** **NavITeK® II**  
**(Base) PLUS PRO**

**User Interface**

◆ Large Color Screen	✓	✓	✓
◆ 5 way navigation	✓	✓	✓
◆ On screen keyboard	✓	✓	✓

**Network Interfaces**

◆ 10/100 Ethernet	✓	✓	✓
◆ Replaceable RJ45 Connector	✓	✓	✓
◆ Gigabit Ethernet	✓	✓	✓
◆ Traffic Utilization Meter	✓	✓	✓
◆ Duplex status	✓	✓	✓
◆ Netscan		✓	✓
◆ VLAN Support (4094 with priority)		✓	✓
◆ Fiber SFP Interface (supports SX, LX, ZX)			✓

**Network Testing and Discovery**

◆ IPv6 and IPv4 Ping	✓	✓	✓
◆ IPv6 and IPv4 Traceroute	✓	✓	✓
◆ IPv6 and IPv4 DHCP	✓	✓	✓
◆ Netscan Discovery of IPv6 and IPv4 hosts		✓	✓
◆ Number of stored preferred destinations	<b>10</b>	<b>10</b>	<b>10</b>

**Network Service Availability Identification**

◆ Ethernet	✓	✓	✓
◆ ISDN	✓	✓	✓
◆ PBX	✓	✓	✓
◆ Hub Blink	✓	✓	✓
◆ Switch port, Cisco, Extreme, LLDP		✓	✓

**Test Information - Save/Document/Report**

◆ Link Information	✓	✓	
◆ Ping Information		✓	✓
◆ PoE Information		✓	✓
◆ Cable Testing Information		✓	✓
◆ 802.1x Security Information			✓
◆ Netscan Information		✓	✓
◆ Job and Customer Information		✓	✓
◆ Number of Jobs / Tests Storage on Unit		<b>5/50</b>	<b>5/50</b>
◆ Save on unit and upload to PC with USB		✓	✓

**Feature** **NavITeK® II**  
**(Base) PLUS PRO**

**PoE (802.3af) / PoE+ (802.3at)**

◆ Detection and availability	✓	✓	✓
◆ Voltage	✓	✓	✓
◆ Used pairs	✓	✓	✓

**Cable Testing**

◆ Advanced pin by pin Wiremap	✓	✓	✓
◆ Length	✓	✓	✓
◆ Misswires	✓	✓	✓
◆ Shorts	✓	✓	✓
◆ Split Pairs	✓	✓	✓
◆ Opens	✓	✓	✓
◆ Accurate Distance to Fault	✓	✓	✓
◆ Tone generator	✓	✓	✓
◆ Loopback (copper and fiber)			✓

**802.1x Security**

◆ EAP Type			✓
◆ User Name			✓
◆ Certificates			✓
◆ Password			✓

**Statistics**

◆ Link/MAC		✓	✓
◆ VLAN		✓	✓
◆ Errors - Collisions		✓	✓
◆ Errors - FCS		✓	✓
◆ Errors - Undersize		✓	✓
◆ Errors - Oversize		✓	✓
◆ Errors - Jabbers		✓	✓
◆ Errors - Bad Length		✓	✓

**Language Support**

◆ English	✓	✓	✓
◆ Spanish	✓	✓	✓
◆ French	✓	✓	✓
◆ German	✓	✓	✓
◆ Portuguese	✓	✓	✓
◆ Simplified Chinese	✓	✓	✓
◆ Italian	✓	✓	✓





## Ordering Information

Base Units and Kits	Cat. No.
<b>NaviteK® II Test Unit</b> Advanced Wiremap Remote Unit #1 (2) Cat 5e STP patch cords (4) AA Dry Cell Batteries (non-rechargeable) Quick Reference Guide, Manual on CD Carrying Case	<b>33-997</b>
<b>NaviteK® II PLUS Test Unit</b> Advanced Wiremap Remote Unit #1 (2) Cat 5e STP patch cords (4) AA Dry Cell Batteries (non-rechargeable) Quick Reference Guide, Manual on CD Carrying Case	<b>33-994</b>
<b>NaviteK® II PLUS Premium Kit</b> NaviteK® II PLUS Test Unit NiMH rechargeable battery pack AC power adaptor (US/UK/EU) (10) Lifejack RJ45 Inserts + Extraction Tool Advanced Wiremap Remote Unit #1 (2) Cat 5e STP patch cords (4) AA Dry Cell Batteries (non-rechargeable) Quick Reference Guide, Manual on CD Carrying Case	<b>33-995</b>
<b>NaviteK® II PRO Premium Kit</b> NaviteK® II PRO Test Unit with Fiber SFP Interface NiMH rechargeable battery pack AC power adaptor (10) Lifejack RJ45 Inserts + Extraction Tool Advanced Wiremap Remote Unit #1 (2) Cat 5e STP patch cords (4) AA Dry Cell Batteries (non-rechargeable) Quick Reference Guide, Manual on CD Carrying Case SFP Fiber Kit modules sold separately	<b>33-996</b>

Accessories	Cat. No.
(1) Alkaline Battery Module	33-994-BP
(1) Remote #1	33-940-R1
Remote Kit #2 - 12	33-940-R12
(1) MiMH Power Module	33-995-PM
(2) 12" Cat 5e STP Patch Cables	33-994-PC
(1) AC power adaptor (US/UK/EU)	33-995-AC
(1) Lanyard Strap Set	33-994-LN
(10) RJ45 Replaceable Inserts with (1) Removal Tool	33-940-RJ45
(1) IDEAL Amplifier Probe	62-164
(1) Fiber Tip Pen Cleaner	33-963-10
Optical fiber multimode 2m duplex cable, LC/LC connectors	33-996-MM
Optical fiber single-mode 2m duplex cable, LC/LC connectors	33-996-SM
(1) Carrying Case	33-994-CC
1000BASE-SX Fiber Kit, Includes 850nm SFP (Small Form factor Pluggable) SX transceiver and LC/SC duplex multimode cable	SFP-850-1
1000BASE-LX Fiber Kit, Includes 1310nm SFP (Small Form factor Pluggable) LX transceiver and LC/SC duplex singlemode cable	SFP-1310-1
1000BASE-ZX Fiber Kit, Includes 1550nm SFP (Small Form factor Pluggable) ZX transceiver, LC/SC duplex singlemode cable	SFP-1550-1

## Specifications

Interfaces	10/100/1000 Ethernet - RJ45
	Fiber - Gigabit Ethernet SFP (PRO Model)
	USB host port
Tone Generator	Integrated into test unit, compatible with standard analog inductive probes
Input power	DC 12-15V, 2A; Line/mains power: AC 110-240V, 50/60Hz
Operating Temp	0 to +40 degrees C, non-condensing
Storage Temp	-20 to +70 degrees C, non-condensing
Supported Languages	English, French, German, Spanish, Portuguese, simplified Chinese, Italian
Display	2.8" color TFT
Warranty	One (1) year from date of purchase, excluding non-rechargeable batteries
Safety Standards	Primary European standard: EN 60950-1:2006 / A1:2010
	Parallel standard for ROW: IEC60950-1:2005 / A1:2009/EN
	Parallel standard for USA and Canada: UL1950
Electromagnetic Compatibility	EN 55022:2006 / A1:2007
	EN61000-3-2:2006
	EN61000-3-3:2008