TREND NETWORKS

# Which NaviTEK is right for me?

Product overview - capabilities and included items

## Start with the job - then choose the tool

Compare network troubleshooting, fiber readiness and included accessories. Kit upgrades are referenced by exact SKU.

### NaviTEK III Kit

R166006



**Equipped for copper + fiber**

**BEST FOR**

Campus and field teams that need copper, fiber and Wi-Fi diagnostics with fiber accessories ready to go.

**COPPER**
10G port-speed detection;
1G active network tests

**FIBER**
1G network tests + length;
SM/MM SFPs and loopbacks included

**WI-FI**
Built-in 2.4/5 GHz diagnostics;
6/6E/7 via optional R166051

**PoE**
90W PoE++ Pass/Fail load test

**TEST METHOD**
Network troubleshooting;
no cable performance qualification

**NETWORK TESTS**
Ping, Trace Route and Netscan over copper, fiber or Wi-Fi.

**REPORTING**
AnyWARE Cloud + on-board PDF;
VNC + TeamViewer remote control

**INCLUDED ITEMS**

Everything with R166004, with:
Remotes expanded to IDs 1-12 (12 plug + 12 socket); SM/MM SFPs, jumpers, loopbacks; 1.25mm + 2.5mm cleaners; analog tracing probe.
One hard case replaces soft case;
3-year total warranty.

### NaviTEK III

R166004



**Modern network diagnostics**

**BEST FOR**

IT technicians troubleshooting copper, PoE, Wi-Fi and network services, with the flexibility to add fiber accessories.

**COPPER**
10G port-speed detection;
1G active network tests

**FIBER**
Fiber-ready: add SFPs for IP tests;
add loopbacks for fiber length

**WI-FI**
Built-in 2.4/5 GHz diagnostics;
6/6E/7 via optional R166051

**PoE**
90W PoE++ Pass/Fail load test

**TEST METHOD**
Network troubleshooting;
no cable performance qualification

**NETWORK TESTS**
Ping, Trace Route and Netscan over copper, fiber or Wi-Fi.

**REPORTING**
AnyWARE Cloud + on-board PDF;
VNC + TeamViewer remote control

**INCLUDED ITEMS**

1 plug + 1 socket remote;
1m Cat 6A patch cord;
USB-C charger; external antenna;
soft case; quick reference guide.
SFPs not included.
1-year standard warranty.

### NaviTEK NT Pro

R151006



**Fiber + secure wired access**

**BEST FOR**

Wired-network teams that need copper and fiber connectivity testing, switch-port details and 802.1X authentication.

**COPPER**
10/100/1000M network testing;
wiremap and distance to faults

**FIBER**
1G active network tests;
SFP optical-power information

**WI-FI**
No Wi-Fi diagnostics;
USB Wi-Fi is for report transfer

**PoE**
30W PoE+ load test

**TEST METHOD**
Network troubleshooting;
no cable performance qualification

**NETWORK TESTS**
Ping, Trace Route and Netscan over copper or fiber.

**REPORTING**
On-board PDF / CSV;
USB or AnyWARE mobile app

**INCLUDED ITEMS**

Same included items as R151005:
remote; rechargeable power module;
PSU with UK/EU/US/AU adapters;
two 30cm Cat 5e STP patch cables;
USB Wi-Fi adapter; carrying case;
quick reference guide. SFP not included.

### NaviTEK NT Plus

R151005



**Detailed copper diagnostics**

**BEST FOR**

Technicians maintaining copper networks who need switch-port and VLAN visibility, PoE testing and saved reports.

**COPPER**
10/100/1000M network testing;
wiremap and distance to faults

**FIBER**
Not supported

**WI-FI**
No Wi-Fi diagnostics;
USB Wi-Fi is for report transfer

**PoE**
30W PoE+ load test

**TEST METHOD**
Network troubleshooting;
no cable performance qualification

**NETWORK TESTS**
Ping, Trace Route and Netscan over copper.

**REPORTING**
On-board PDF / CSV;
USB or AnyWARE mobile app

**INCLUDED ITEMS**

Remote; rechargeable power module;
PSU with EU/UK/US/AU adapters;
two 30cm Cat 5e STP patch cables;
USB Wi-Fi adapter; carrying case;
quick reference guide.

### NaviTEK NT

R153001



**Essential wired checks**

**BEST FOR**

Technicians checking copper wiring and basic IP connectivity with wiremap, Ping, Trace Route and port blink.

**COPPER**
10/100/1000M network testing;
wiremap and distance to faults

**FIBER**
Not supported

**WI-FI**
No Wi-Fi diagnostics

**PoE**
PoE / PoE+ detection and voltage;
no load testing

**TEST METHOD**
Network troubleshooting;
no cable performance qualification

**NETWORK TESTS**
Ping and Trace Route over copper.

**REPORTING**
No result storage or reporting

**INCLUDED ITEMS**

Remote #1; four non-rechargeable AA batteries; two 30cm Cat 5e STP patch cables; carrying case;
quick reference guide.

R166006 retains the R166004 charger, antenna and 1m patch cord. Expanded remote sets and one hard case replace the base versions.

TREND NETWORKS

# Which NaviTEK is right for me?

Detailed capabilities and included accessories

| CAPABILITY | NaviTEK III Kit<br>R166006 | NaviTEK III<br>R166004 | NaviTEK NT Pro<br>R151006 | NaviTEK NT Plus<br>R151005 | NaviTEK NT<br>R153001 |
|---|---|---|---|---|---|
| **COPPER CABLING** | | | | | |
| Wiremap, length and distance to fault | ✓ | ✓ | ✓ | ✓ | ✓ |
| Continuous live wiremap | ✓ | ✓ | Not supported | Not supported | Not supported |
| Tone generator | Analog + 2 digital | Analog + 2 digital | Analog | Analog | Analog |
| Copper performance qualification | Not supported | Not supported | Not supported | Not supported | Not supported |
| **FIBER CABLING** | | | | | |
| Fiber network link speed | 1G | 1G; optional SFP | 1G; optional SFP | Not supported | Not supported |
| Fiber length with SFP + loopback | Included | Optional accessories required | Not supported | Not supported | Not supported |
| SFP optical-power diagnostics | Tx/Rx dBm + relative dB | Tx/Rx dBm + relative dB | Rx power | Not supported | Not supported |
| SFP temperature display | Celsius / Fahrenheit | Celsius / Fahrenheit | Not supported | Not supported | Not supported |
| Integrated visual fault locator | ✓ | ✓ | Not supported | Not supported | Not supported |
| USB microscope with automatic Pass/Fail | Optional R163-VIP | Optional R163-VIP | Not supported | Not supported | Not supported |
| **WI-FI** | | | | | |
| Built-in Wi-Fi network diagnostics | 2.4 / 5 GHz | 2.4 / 5 GHz | Not supported | Not supported | Not supported |
| AP scan, channel map, utilization, AP location | ✓ | ✓ | Not supported | Not supported | Not supported |
| Wi-Fi 6 / 6E / 7 and 6 GHz diagnostics | Optional R166051 | Optional R166051 | Not supported | Not supported | Not supported |
| Wi-Fi report transfer | Built-in / Cloud | Built-in / Cloud | USB / AnyWARE app | USB / AnyWARE app | Not supported |
| **ACTIVE NETWORKS AND PoE** | | | | | |
| Advertised copper port speed detected (max.) | 10G | 10G | 1G | 1G | 1G |
| Copper active IP test link speed (max.) | 1G | 1G | 1G | 1G | 1G |
| CDP / LLDP / EDP switch and port discovery | ✓ | ✓ | ✓ | ✓ | Not supported |
| VLAN discovery and tagged VLAN operation | ✓ | ✓ | ✓ | ✓ | Not supported |
| 802.1X authentication | ✓ | ✓ | ✓ | Not supported | Not supported |
| Dedicated DHCP / DNS / gateway health view | ✓ | ✓ | Not supported | Not supported | Not supported |
| Ping and Trace Route | ✓ | ✓ | ✓ | ✓ | ✓ |
| Network device discovery | IP / MAC / host name | IP / MAC / host name | Netscan | Netscan | Not supported |
| PoE load test (maximum) | 90W PoE++ | 90W PoE++ | 30W PoE+ | 30W PoE+ | Not supported |
| PoE / PoE+ detection and voltage display | ✓ | ✓ | ✓ | ✓ | ✓ |
| **REPORTING AND REMOTE SUPPORT** | | | | | |
| Result storage and reports | PDF | PDF | PDF / CSV | PDF / CSV | Not supported |
| AnyWARE Cloud projects / sync / reporting | ✓ | ✓ | Not supported | Not supported | Not supported |
| VNC and TeamViewer remote control | ✓ | ✓ | Not supported | Not supported | Not supported |

✓ Supported | Included = required accessories supplied | Optional accessories required = sold separately

NaviTEK III fiber length requires a loopback and a compatible TREND or third-party SFP with Phased Loop Lock support.
NaviTEK III Wi-Fi 6/6E/7 and 6 GHz diagnostics require optional R166051. Built-in Wi-Fi operates on 2.4/5 GHz.
10G indicates advertised copper switch-port speed detection. NaviTEK III active IP tests connect at up to 1G.
NT Plus / Pro USB Wi-Fi transfers reports; it does not test Wi-Fi. NaviTEK models troubleshoot connectivity; they do not qualify cabling.