IDEAL NETWORKS

Proof of Performance

SignalTEK CT

Data Cable Transmission Tester

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Data Cable
Transmission Tester

Proof of Performance

If you install or maintain data cabling, SignalTEK CT allows you to generate PDF test reports that prove installed links run at Gigabit Ethernet transmission rates.

For installers, this means having a cost-effective way to demonstrate that the copper cabling was installed correctly and is capable of supporting Ethernet applications. By proving real world performance, SignalTEK CT confirms a professional job - reducing the risk of call backs.

SignalTEK CT also gives network owners the assurance that installed cabling will support bandwidth hungry services like VoIP, IP CCTV and video streaming following moves, adds and changes.

Autotest from remote unit for one person testing

Today's challenge

The foundation of all Ethernet networks is the physical cabling. As networks become faster and more complex they become more susceptible to disruption from external interference as well as faulty cabling and or connectors. These physical layer problems can cause a high number of server re-transmissions resulting in network drop-out or slow connection speeds.

If network performance issues are to be avoided, today's installers and technicians need test equipment that not only verifies correct wiring but also confirms a link's ability to transmit data at full rate.

Replaceable RJ45 contacts

Tomorrow's solution

Uniquely SignalTEK CT proves a link's ability to support Gigabit applications by performing two primary tests; **data transmission** and **wiremap testing**.

With a single press of the Autotest button, SignalTEK CT transmits 823,452 data frames between the two handsets and reports any transmission errors against performance criteria laid down by the IEEE 802.3ab Gigabit Ethernet Standard.

It takes only 1 bit of data to get corrupted or lost to give rise to a transmission test failure.

Autotest also measures cable length and checks for wiring faults such as crossed pairs, opens, shorts and split pairs.

Simple pass/fail results are displayed once the Autotest is complete which can be automatically saved for later review or download.

Send test reports from anywhere using the free app

IDEAL AnyWARE

Step 1
Test

- Enter job site information
- Perform autotest on copper cabling

Step 2
Connect

- Activate SignalTEK CT wireless hotspot
- Connect your mobile phone or tablet with the IDEAL AnyWARE App
- Transfer test reports to your mobile device
- View test reports

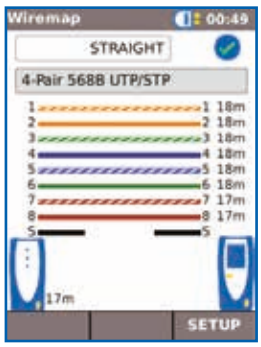
Step 3
Send

- 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

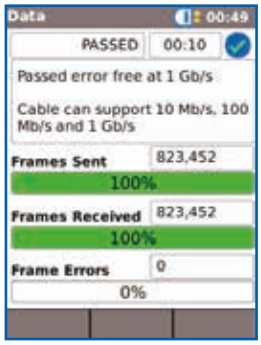
Download the FREE App today

Download on the App Store

GET IT ON Google play



Wiremap results screen



Data test results screen

Fast & Flexible

- Fast Autotest provides proof of network performance in seconds
- Support for shielded and unshielded twisted pair cable including Cat 5e, Cat 6, Cat 6_A and Cat 7 (TIA 568A and 568B wiring schemes)
- Stores up to 5000 tests to accommodate even the largest jobs
- Ability to identify and trace cables with a compatible amplifier probe (62-164)

Intuitive

- Automatic generation of PDF format test reports makes documentation effortless
- User-friendly menu structure for trouble-free operation and minimal training
- Simple cable naming and job creation enhances on-site productivity

Dependable

- Tests against IEEE802.3ab to assure cable performance against a recognised international standard
- Field replaceable RJ45 contacts eliminate downtime from worn or damaged connectors
- Rugged design provides protection against knocks in the field
- No requirement for annual calibration reducing cost of ownership

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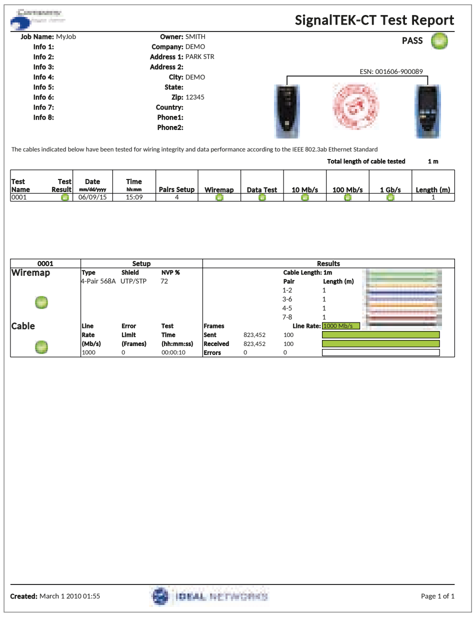
Test Reporting

SignalTEK CT 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

SignalTEK CT	
Part No.	Kit Contents
R156004	**SignalTEK CT** – Data Cable Transmission Tester. Includes 1 x display, 1 x remote, 2 x NiMH batteries, 2 x patch cables - 30cm, Cat 5e STP, 2 x power supply with EU/UK/US adaptors, 1 x USB Wi-Fi adapter, 1 x user manual, 1 x carry case

Optional Accessories

Part No.	Description
151052	1 x alkaline battery module
62-164	1 x IDEAL amplifier probe
150058	1 x RJ45 insert extraction tool, 10 x lifejack RJ45 inserts

For replacement accessories, please visit www.idealnetworks.net.

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

For detailed specifications, please visit www.idealnetworks.net.

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