equipment NET 205 Westwood Ave Long Branch, NJ 07740 1-877-742-TEST (8378) Fax: (732) 222-7088 salesteam@Tequipment.NET



SIGNALTEK[™] Cable Performance Tester



Document Performance of Twisted Pair Voice and Data Cabling

STRIP

IDEAL DataComm

CUT

SIGNALTEK[™] provides a technically innovative method to test and document the performance of voice, data, and video applications for cabling installers and network technicians.

TERMINATE

TEST



- Selectable Performance Testing – qualify performance of Data, Voice over IP, and IP Video applications
- Performs Gigabit Ethernet link establishment test in 10 seconds
- Data Monitoring to detect intermittent network problems
- Smart Autotest Function detects the presence of the SIGNALTEK remote, active network device or open ended cable and automatically runs the appropriate test suite
- Intuitive Graphical User Interface for fast and easy operation
- Internal and USB Data Storage – store 20,000 tests internally or unlimited on USB drive
- Prints Easy-to-Read Pass/ Fail Qualification Reports



CERTIFY



SIGNALTEK[™] – High-Performance Gigabit Ethernet Testing

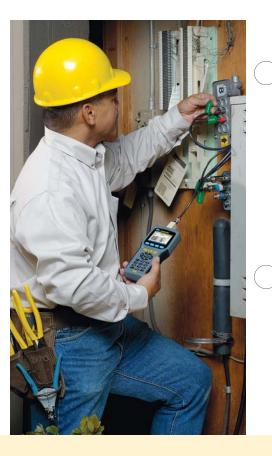
SIGNALTEK[™] is the most cost-effective Gigabit Ethernet cable performance tester in the world. It tests the link's ability to support applications by transmitting Ethernet packets on the link and measuring performance according to the IEEE 802.3ab Gigabit Ethernet standard, the ultimate performance indicator for any network.

- Provides comprehensive cable testing for voice, data, and video applications
- Performs complete wiremap and length tests of: 1, 3, and 4 pair UTP/STP, and series 6/59 coaxial cable to TIA-568 A/B and TIA-570 standards
- Performs a full IEEE 802.3ab compliant Gigabit Ethernet packet test in about 35 seconds with 97% performance certainty
- Includes a TDR (Time Domain Reflectometer) for accurate length measurements and to aide in locating cabling faults by providing distance to short/open information
- Supplied alligator clips allow testing of speaker, alarm, thermostat, home automation devices, and nearly any other type of control wire

SIGNALTEK[™] – a technically innovative performance, monitoring and network troubleshooting tool

In addition to cable performance qualification, SIGNALTEK[™] can be configured to run for several minutes or hours at a time. While stress testing critical network links, SIGNALTEK[™] transmits hundreds of Gigabits of information across the network while looking for dropped packets. This monitoring mode allows SIGNALTEK[™] to be used to isolate intermittent network problems that are difficult to detect. Adopting the latest generation of Gigabit Ethernet technology, IDEAL's innovation brings the best performance to this new class of affordable testers.

- Offers service detection to verify true 10/100/1000 Mbps Ethernet operations
- Provides Bit Error Rate test for VoIP, data, and videoover-IP applications
- User-defined data logging and network monitoring to detect problems that may cause network outages
- Selectable test modes to qualify cabling support of Data, Voice over IP, and IP Video transmissions



SIGNALTEK[™] – a flexible tool to test any IP device

Internet Protocol (IP) is fast becoming the standard communications protocol for every type of network and home technology device. SIGNALTEK[™] leverages its tri-speed (10/100/1000) Ethernet processor to provide performance and activity testing of any addressable IP device in the network.

- IP pinging can be used to verify the communication of many devices including IP cameras, home automation, and A/V control panels
- Offers network diagnostic tools such as link establishment, port LED blink, and ping
- Supports static and dynamic (DHCP) IP configuration
- Allows multiple target IP and web addresses for pinging several network devices and confirming operation of network switches and routers

JOB NAME		03/20/	2006 12:	01 💷
Auto-Test Preferences Wiremap Link Establishment Cable Performance VoIP Performance Web Performance		Remote		No-Link ₹
Video Performance DHCP Ping			<u>द</u> ा द	
Run Sa	ve			Setup

SIGNALTEK[™] makes reporting and data storage easy

The SIGNALTEK[™] reporting and data storage system is designed for installers and network technicians with ease-of-use and flexibility in mind.

- Generates easy pass/fail reports of link performance in accordance with IEEE 802.3ab standards
- Stores 20,000+ records on internal memory
- Accepts USB memory drives for unlimited storage
- Direct printing to supported USB printers
- No special software required, view reports with any web browser



Specifications

Cable Types

- Voice/phone cable USOC/RJ11/RJ12 interface
- Data cable (STP/UTP) RJ45 for CAT 3/5e/6/6a/7 cabling
- Coax cable via RJ45-to-F patchcord, series 58, 59, 6 cabling (75 ohm)

Cable Length Measurement

Exceeds IEEE 802.3 specifications

Battery Life: Standard AA Alkaline Batteries

- Standby 90 days
- Cable testing 30 hours
- Network monitoring 4 hours

Ports/Connections

- RJ45 test interface port
- Mini-USB "A" device port
- Standard USB "B" host port
- DC power input for longterm network monitoring

Physical Dimensions

- Display Handset: 7.9"L × 3.6"W × 1.5"D (20.1cm × 9.1cm × 3.8cm)
- Remote Handset:
 6.8" L × 3.5" W × 1.5" D
 (17.3cm × 8.9cm × 3.8cm)
- Near-end Weight:
 12.5 oz. (354g)
 Weight without batteries
- Remote-end Weight:
 9 oz. (255g)
 Weight without batteries





Catalog No. 33-974

- 1 SIGNALTEK[™] Near-end and remote-end handset
- 1 Black Nylon carrying case
- 2 12" (30.5cm) RJ11 silver satin cables
- 2 24" (61cm) RJ45-to-F patchcords
- 2 12" (30.5cm) RJ45 shielded patchcords
- 2 12" (30.5cm) RJ45-twin alligator clip cords
- 8 AA alkaline batteries
- 1 USB cable
- 1 Quickstart guide
- 1 CD-ROM User Manual







SIGNALTEK™ Optional Power Adapter – 4010-00-0136

CAT NUMBER	
33-974	
1219-91-0003	
K-7920	
4010-00-0136	



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