



## More vision into residential cabling.

*Fluke Networks offers the most comprehensive set of installation and cable test solutions on the market to help you increase the performance of voice-data-video networks and protect your business at the same time.*

*From low-cost installation tools to easy-to-use testers to document your work, all our tools are designed with the residential installer in mind.*

*They are rugged, reliable and easy to use – all things you expect from Fluke Networks. Best of all, our residential network solutions allow you to get the job done faster, eliminate callbacks and win more bids. That's not just good business, that's what Network SuperVision is all about.*

**Residential Cabling Solutions**  
Network SuperVision Solutions™ for voice-data-video networks

Whether you need to cut, strip, terminate or test, Fluke Networks has the solutions you need to meet your voice-data-video cabling installation needs.

- **Terminate jacks** with our rugged and easy-to-use single-pair and multi-pair punchdown tools that save you time and increase accuracy with every termination.
- **Trace and locate** both terminated and unterminated cable and wire quickly and easily with the industry's best analog "SmartTone" and digital "IntelliTone" toning technologies.
- **Verify cable** continuity, wiring configuration and the location of cable faults (e.g. opens, shorts) with award-winning testers that save you time and money while delivering a quality installation.
- **Qualify cables** for voice, VoIP, 10/100/1000 Ethernet, CATV with our affordable, intuitive, qualification tester that documents cabling installations allowing you to eliminate callbacks and disputes.
- **Troubleshoot cables** with a variety of innovative built-in technologies like TDR and multi-map, which provide greater vision to locate faults and speed up problem resolution.
- **Test security, audio and CATV/video cabling** quickly and accurately by using one simple tool.
- **Generate professional reports** that leave a lasting impression with your customers, and help protect your business by documenting cabling system integrity.



JackRapid™ Punchdown Tool terminates jacks eight times faster than traditional impact tools.

## All the residential tools and testers you need from one trusted provider.

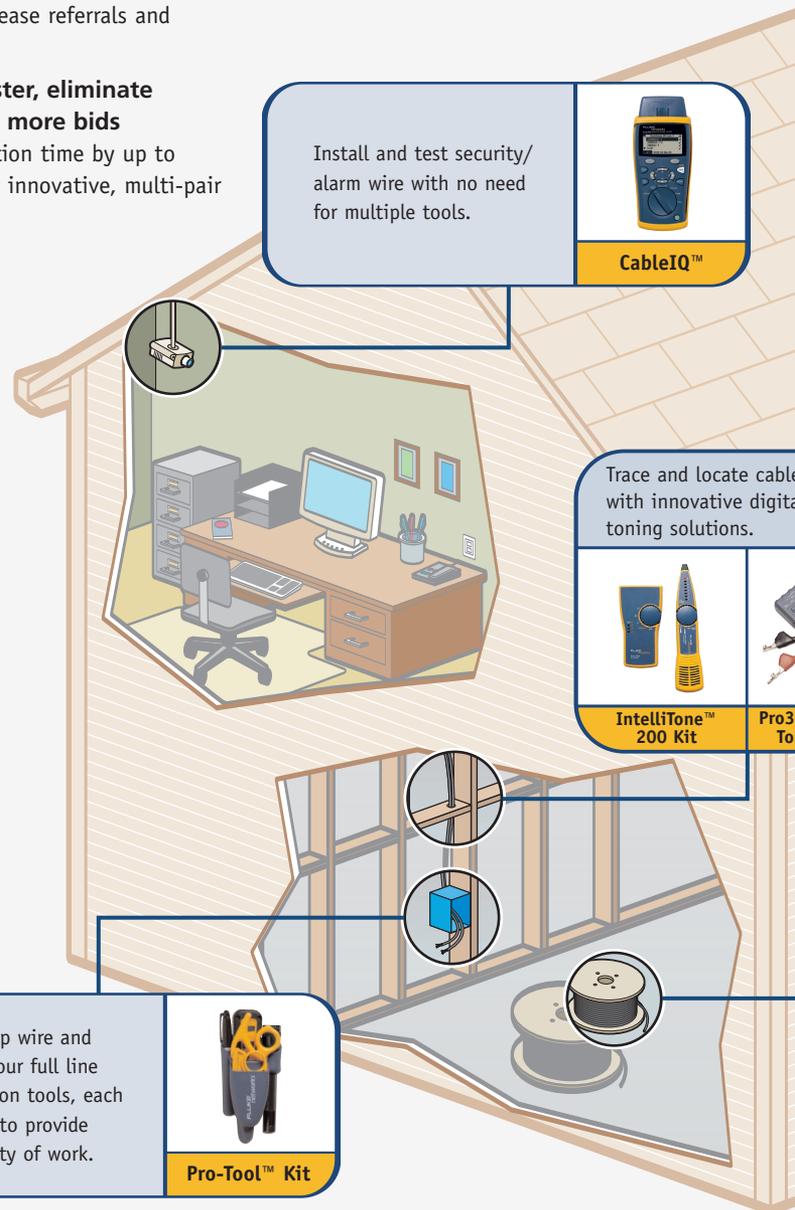
### Improve the quality and productivity of each installation

Engineered by the brand you know and trust, all of our residential solutions are designed with the installer in mind. They're built field-tough, easy-to-use and deliver the speed and accuracy you need to deliver a quality installation – every time. And with all this, you gain credibility with your customers, increase referrals and win more bids.

### Complete jobs faster, eliminate callbacks and win more bids

Reduce jack installation time by up to eight times with our innovative, multi-pair

JackRapid™ Punchdown Tool. Cut cable troubleshooting time by 50% with our award-winning MicroScanner™ Pro, and reduce installation costs and bolster reputation by documenting test results with our new CableIQ™ Residential Qualifier. Whatever solutions you choose, you can rest assured your investment is safe with Fluke Networks.



Install and test security/ alarm wire with no need for multiple tools.



CableIQ™

Trace and locate cable with innovative digital toning solutions.



IntelliTone™ 200 Kit



Pro3 To

Cut and strip wire and cable with our full line of installation tools, each engineered to provide better quality of work.



Pro-Tool™ Kit

Qualify and ID-tag coax video outlets all with one tool.



CableIQ™

Verify and troubleshoot speaker installations with improved accuracy.



CableIQ™

Test, qualify, and document the entire cabling system from one point in the home.



CableIQ™

es fast  
al or analog



000™ Analog  
one & Probe

Manage cabling inventory and troubleshoot breaks and shorts with TDR-based testers.



TS90® Cable Fault Finder  
MicroScanner™ Pro

Terminate and seat jacks at once with one squeeze of the handle.



JackRapid™

Verify jack wiremaps to industry specifications and troubleshoot faults.



CableIQ™  
MicroScanner™ Pro

# Unparalleled vision into residential cabling performance



From the **worldwide leader** in network test.

**Discover mode** detects and locates Ethernet devices, coax devices and splitters (speed/duplex/pairing).

**Cable qualification.** Find out in four seconds what speeds (10/100/100) your cable can support.

**Intelligent wiremap** graphically shows distance to specific conductor fault.

**Four AA batteries.** Long lasting battery life for several weeks of testing.

**Graphical display.** Backlit for viewing in all environments.

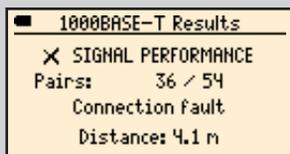
**Store 250 results** for later reviewing.

**Digital or analog toning.** Compatible with IntelliTone Probe for finding cables with superior precision.

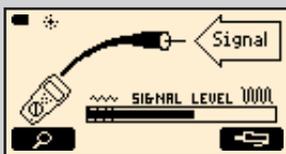
**Expert cabling diagnostics** gives you detailed information on performance faults.

**Rotary knob makes learning easy** and operation simple.

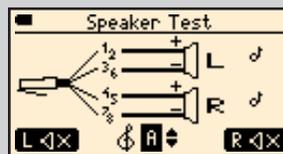
**USB port** for fast transfer of data to PC or to refresh software.



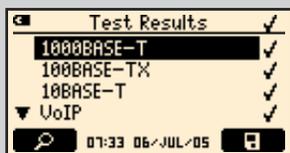
Advanced troubleshooting technology detects cabling performance faults, clearly displays fault type and distance



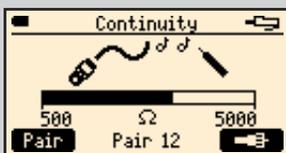
Qualify coax cabling for video/CATV applications; test length, continuity, faults; detect video signal



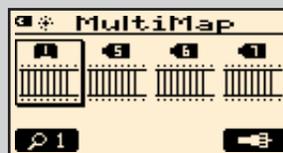
Emits up to 14 different tones to be amplified by connected speakers; allows user to toggle between left and right, and change phasing



Four-second Autotest determines that cabling systems will support voice, VoIP, 10/100/1000 Ethernet, and CATV



Graphical display and audible tone determines continuity and resistance on security/alarm wire



Perform a wiremap on an entire bridged telephone wire system; see outlet ID and jack wiremap faults all at the same time

## Eliminate callbacks and disputes with CableIQ™

### Qualification testing ensures that cabling systems will perform reliably

As voice, data, and video technologies continue to converge onto one cabling infrastructure, residential builders and homeowners increasingly need assurance that structured wiring systems will support today's applications. CableIQ's qualification test confirms what speeds and technologies any residential cabling systems will support. In just four seconds, it allows installers to see whether existing or newly-installed cabling will support Voice, VoIP, 10/100/1000 Ethernet, or CATV.

### Qualification testing can virtually eliminate callbacks and disputes

Callbacks are expensive. Without test documentation, installers are unfairly burdened with the responsibility for all callbacks and claims, whether cabling-related or otherwise, and even for problems caused by other subcontractors. Before CableIQ, residential installers had no economical way to document residential cabling installations. Qualification testing with CableIQ gives installers an economical and objective way to prove the quality of cabling systems upon installation, virtually eliminating callbacks and workmanship disputes.

### Guarantee performance with CableIQ™ Test Reports

**Mitchell**  
HOME INSTALLATION

Site: Smith Residence  
Address: 555 Main Street  
Springfield, USA

Written notes:

CableIQ AUTOTEST RESULTS  
Fluke Networks Qualification  
Tested by: Mitchell Installation  
John Sanders

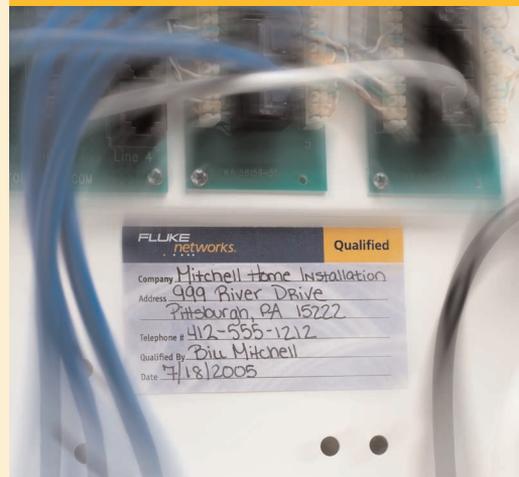
Cable ID	Room	Qualified	Time	Length	Version	S/N
Cable ID: Living Room: 1	Living Room: 1	✓	12:42:34 AM	113 ft	V0.05.04	00000005
Cable ID: Living Room: 2	Living Room: 2	✓	12:42:17 AM	61.6 ft	V0.05.04	00000005
Cable ID: Den: 3	Den: 3	✓	3:20:31 AM	101 ft	V0.05.06	8734030
Cable ID: Master Bedroom: 4	Master Bedroom: 4	✓	3:19:01 AM	52.4 ft	V0.05.06	8734030
Cable ID: Bedroom A: 5	Bedroom A: 5	✓	3:19:01 AM	124 ft	V0.05.06	8734030
Cable ID: Bedroom B: 6	Bedroom B: 6	✓	6:59:08 AM	105.1 ft	V0.05.04	00000005

FLUKE networks



## Residential qualification testing and the TIA-570B standard

Residential cabling networks are unique. The need to support voice, data, audio/video, and security applications means that a wider range of cabling media is required. At the same time, continuing adoption and convergence of new technologies in the home is giving rise to increased requirements for speed and reliability. Installing and testing of residential cabling systems thus requires unique methods and tools. The new TIA-570B standard for residential qualification testing addresses these unique needs. This standard was created to provide a guideline for installing and testing all types of residential cabling media, and works to improve the quality of installations, and protect the reputations of installers.



## See what customers are saying about Fluke Networks' Residential Solutions

"The JackRapid saves me thousands of dollars, this is a great product. JackRapid addresses my most important concerns: quality, time and money!"

**Residential Installation  
Business Owner**

"When we test and document the cable, we know that any return for service becomes a billable callback. With each non-billable callback that we can avoid, we save an average of \$200 (USD), savings that go straight to our bottom line."

**Installation Manager**

"Fluke Networks has produced an affordable testing product for the residential industry that is long overdue! CableIQ meets the requirements of the 570-B Residential Standard for qualification of voice and data cabling. Installers can use CableIQ to assure builders that they are installing quality networks. Fluke Networks is to be commended for providing the industry the kind of tools that are both necessary and affordable."

**Business Development Manager,  
Residential**



### Ordering Information

CIQ-KRQ	<b>CableIQ Residential Qualifier Kit</b> Includes CableIQ with remote adapter, F/BNC/RCA coax, bare wire, and speaker wire adapters, 50-pack "Qualified" labels
CIQ-100	<b>CableIQ Qualification Tester</b> Includes CableIQ with remote adapter
MT-8200-32A	<b>MicroScanner™ Pro</b> Includes MicroScanner Pro, Wiremap Adapter (Office ID 4), Coax Adapter (CATV type, F-connector), 9-volt alkaline battery and user guide
26500090	<b>TS®90 Cable Fault Finder</b> Includes BNC to alligator clip
MT-8200-60A	<b>IntelliTone™ 200 Digital Toner and Probe Kit</b> Includes IntelliTone 200 Toner and 200 Probe, coax F connector adapter, (2) RJ11 and (2) RJ 45 patch cables, test leads with alligator clips, lanyards, owners CD and quick start guide, (2) 9 volt batteries
26000900	<b>Pro3000™ Analog Tone and Probe Kit</b> Includes analog tone generator, probe, pouch and (2) 9 volt batteries
10059600	<b>JackRapid™ Punchdown Tool with Leviton Blade</b> (for Leviton 41106, 41108 Cat 3/5, 5G108 Cat5e) Additional blade heads available, go to <a href="http://www.flukenetworks.com/jackrapid">www.flukenetworks.com/jackrapid</a> for ordering info.
11293000	<b>IS60 Pro-Tool™ Kit</b> Includes all the essential tools to cut, strip, clean and connect network phone and data lines to blocks and jacks. D914S™ Punchdown tool, D-Snips™, cable stripper, Maglite® and Sharpie®
25501009	<b>TS®25D Test Set with LCD</b> TS®25D Test Set with LCD, caller ID, call-waiting caller ID, analog tone generator, data lockout, lockout override

For more information on models, options, accessories and product specifications, go to [www.flukenetworks.com/resolutions](http://www.flukenetworks.com/resolutions)

### See the power of CableIQ in action

Experience the unique capabilities of CableIQ by taking a virtual test drive at [www.flukenetworks.com/resolutions](http://www.flukenetworks.com/resolutions). Or call us at **1-800-508-0490** (U.S. and Canada).

Visit [www.flukenetworks.com/contact](http://www.flukenetworks.com/contact) to locate Fluke Networks' sales organizations worldwide.

#### NETWORK SUPERVISION

**Fluke Networks**  
P.O. Box 777, Everett, WA USA 98206-0777

Fluke Networks operates in more than 50 countries worldwide. To find your local office contact details, go to [www.flukenetworks.com/contact](http://www.flukenetworks.com/contact).

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## **CableIQ Gigabit Service Kit**

CableIQ Gigabit Service Kit is the all-in-one solution for network service technicians to qualify cabling performance and confirm network connectivity. It includes all the tools technicians need to expedite problem resolution, perform high-quality moves/adds/changes/upgrades, and document their work. CableIQ quickly qualifies cabling bandwidth (10/100, VoIP, Gigabit Ethernet) and locates performance faults. LinkRunner Pro verifies link speed/duplex (up to Gigabit Ethernet), pings key network devices, confirms PoE power, and pinpoints switch ports with CDP/EDP/LLDP. IntelliTone works safely and effectively on active networks to zero in on cables and wire pairs. Rugged carry case makes deployment to any job easy.

- Quickly qualify bandwidth (10/100, VoIP, Gigabit Ethernet) of any cable
- Troubleshoot cabling performance faults like crosstalk or impedance changes
- Confirm link (speed/duplex/pairs) and ping key network devices at Gigabit speeds
- Measure IEEE 802.3af Power over Ethernet (PoE) voltage pair by pair
- Pinpoint switch ports with Cisco, Extreme, and Link Layer Discovery Protocols
- Locate and trace cables with IntelliTone™ digital signaling technology
- Save cable and network test reports to PC with included reporting software

### **Ordering Information:**

<b>Model Name</b>	<b>Product Description</b>
CIQ-100	<b>CableIQ Qualification Tester</b> Includes CableIQ Qualification Tester with remote adapter, soft carrying case and four AA batteries
CIQ-KIT	<b>CableIQ Advanced IT Kit</b> Includes CableIQ Qualification Tester with remote adapter, IntelliTone 200 Probe, six remote cable IDs, rugged carrying case, and all needed batteries
CIQ-SVC	<b>CableIQ Service Kit</b> Includes CableIQ Qualification Tester with remote adapter, LinkRunner Network Multimeter, IntelliTone 200 Probe, six remote cable IDs, rugged carrying case, and all needed batteries
CIQ-GSV	<b>CableIQ Gigabit Service Kit</b> Includes CableIQ Qualification Tester with remote adapter, LinkRunner Pro Network Multimeter, IntelliTone 200 Probe, six remote cable IDs, rugged carrying case, and all needed batteries