SecuriTEST IP

CCTV Camera Tester for
IP Digital / HD Coax / Analog Systems
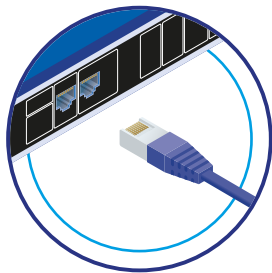
Depend On Us

SecuriTEST IP

SecuriTEST IP is an installation and troubleshooting tester for digital/IP, HD coax and analog CCTV camera systems. With a single tester that can power, configure and document, SecuriTEST IP increases productivity from start to finish.

Supply power to cameras via PoE/PoE+ (Power over Ethernet) or standard 12V DC power using its internal Li-Ion battery, eliminating the need for external power adapters and injectors.

The QuickIP™ feature allows installers who are new to IP camera systems to quickly and easily connect to cameras without being network experts.
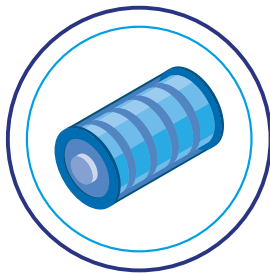
Create professional test reports including video screen shots to verify the job has been completed successfully and reduce unpaid call backs.

CCTV Camera Tester for IP Digital / HD Coax / Analog Systems

Camera Configuration, Installation and Troubleshooting

Physically connect camera

Connect camera to the tester using RJ-45, BNC or Wi-Fi.

Power camera

Power the camera using: PoE+ (tester battery or network pass through), 12V DC power (tester battery).

Camera Identification and Login

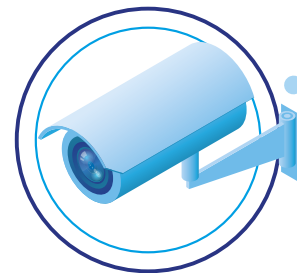Automatic network configuration and connection to IP cameras.

Send reports

Send reports from the jobsite using email or preferred file sharing service.

Document

Create PDF installation reports with video images, statistics and camera settings.

Camera setup

Comprehensive setup options including aim, focus, PTZ presets, network settings (IP), video settings.

Physically Connect Camera

Connect to any IP or analog camera using RJ-45, BNC connections or Wi-Fi via network.

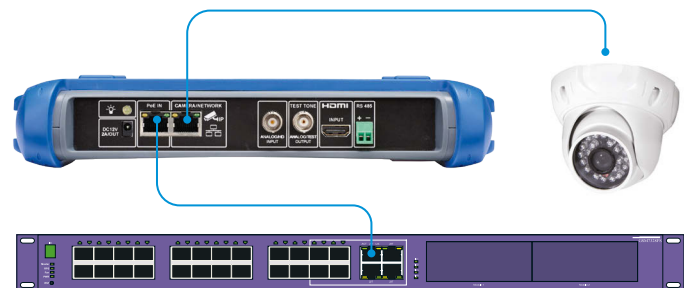Wi-Fi Camera

Analog Camera

IP Camera

Power Camera

Whether you are installing or troubleshooting cameras, SecuriTEST IP supports all your power requirements for IP and analog cameras.

No need for separate power injectors – SecuriTEST IP includes the following power outputs:

Power the camera using Power over Ethernet (PoE+), up to 24 watts from the tester - RJ-45 port.

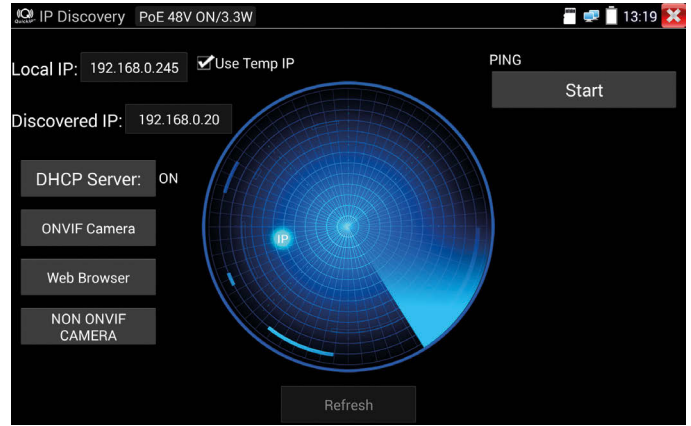Power the camera by passing PoE+ from the network and through the tester - RJ-45 port.

Power the camera using 12V DC from the tester - 2.5mm to 3.5mm barrel connector.

Camera Identification and Login

QuickIP™ automates the process of connecting to IP cameras, allowing novice technicians to configure IP cameras as easily as analog cameras. For instances where dynamic IP addresses are required by the camera, SecuriTEST IP has a built-in DHCP server making setup easy and eliminating the need for additional network hardware.
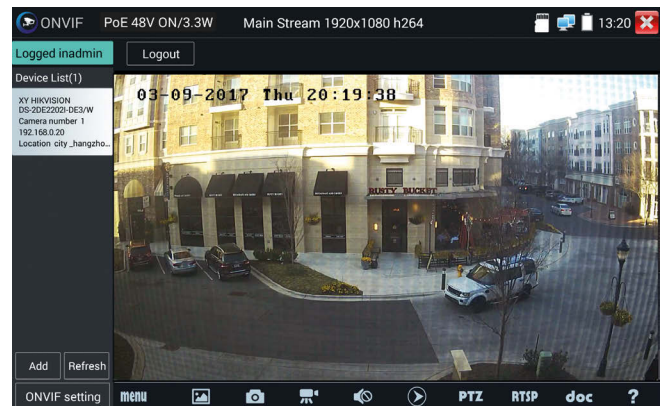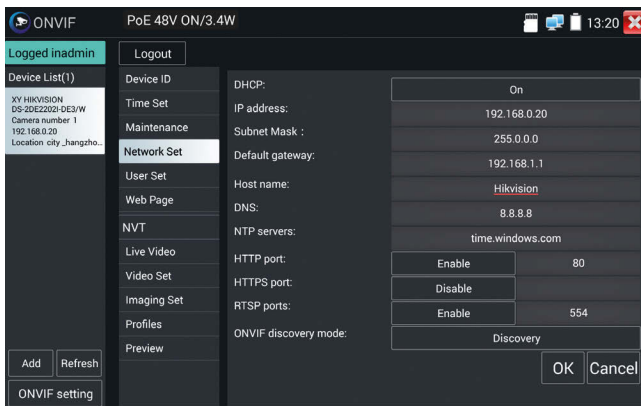
A suite of networking troubleshooting tools are available to pinpoint and solve network connectivity issues.

- Display Network Configuration
- Ping / TraceRoute
- Hub blink for Port Identification
- IP network Scan - check for IP address conflicts
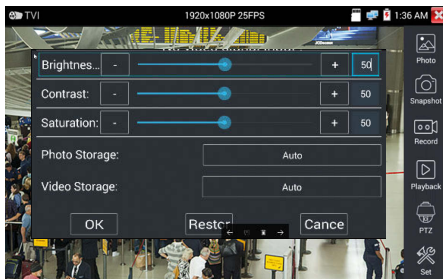
IP Camera Setup

SecuriTEST IP offers a comprehensive range of ONVIF and non-ONVIF camera setup tools to ensure the camera is installed correctly

1. **Configure camera** – update camera information and network settings.
2. **Aim and focus** - use the high-resolution touchscreen or the hard keys when wearing gloves.
3. **Program presets for PTZ cameras** – Program PTZ camera presets for users to automatically look at predefined areas.

4. **Take snapshot** – save video snapshots including preset locations for your installation reports.
5. **Record video clip** – record video clips to demonstrate complete coverage for PTZ cameras.
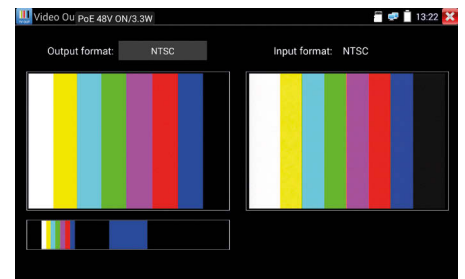
Analog and HD Camera Setup

Easily setup analog cameras.

Video adjustment   PTZ protocol settings   Test pattern generator to adjust screens

4

Professional Reports*

Easily transfer reports from the jobsite – Using the built-in Wi-Fi and the web browser, test reports can be sent directly from the tester using email, your preferred file sharing service or be exported on microSD card.

Convert unpaid call backs to billable service calls – Generate professional PDF reports that provide proof of installation to the client.

No more spreadsheets – Today security engineers waste time manually filling in excel documents to create reports. SecuriTEST IP is the first camera tester to capture camera image(s), network configuration and automate documentation.

Reduce troubleshooting time – Reports capture as-built configuration that will help to reduce troubleshooting on future call backs.

18GB of combined storage – 10GB of internal memory and 8GB available on the SD memory card included.

* Only applicable when using the ONVIF protocol

Example Report

Data Cable Test (UTP) – Wiremap

Eliminate guess work troubleshooting cabling faults – SecuriTEST IP is used in combination with the "Cable Tracer/Remote Tool" to pinpoint cabling faults such as cross overs, miswires, shorts and opens. The length of the cabling is also provided.

Determine water ingress in data cabling – Many cables are run outside or in underground conduit and exposed to moisture. Moisture ingress through the cable jacket, which is impossible to see, leads to a number of performance problems.

Cable Tracing – Search for Cabling

SecuriTEST IP includes the ability to identify and trace cables using the digital tone generator and the "Cable Tracer/Remote Tool". Choose from four tones and use the "Cable Tracer/Remote Tool" with variable sensitivity settings to trace either large cable bundles from a distance or pinpoint a single cable within a bundle.

SecuriTEST IP

Accurate setup of 4k cameras – Digital zoom displays full detail of high resolution video on the 7" touchscreen.

Fast access to key features – Short cut menu to instantly launch your most used tools.

One hand operation – Pan/Tilt/Zoom (PTZ) the camera using either the touchscreen or the hard keys.

Long battery life – Up to 10 hours continuous usage with a lithium-ion battery.

Ease of use – High resolution 7" capacitive touchscreen with 1920 x 1200 resolution display.

PoE+ troubleshooting – Display the PoE+ consumption of the attached camera in real-time using the power monitor tool. Displays voltage by pair and total wattage drawn.

Analog/AHD/CVI/ TVI video input - Connect to all common analog and HD-over-coax cameras for maximum versatility.

Setup security monitors – Use the analog Video Out port on the tester with the test pattern generator function to setup security monitors.

Flashlight – Bright LED flashlight with 5/10/30/60 minute auto-off options.

12V DC power supply – Power any camera using the built-in 12V/2A DC power supply.

Power up camera with PoE+ – RJ-45 network port provides PoE+ (up to 24 watts) to the camera using the internal battery when network power is unavailable.

Troubleshooting HDMI – Use the HDMI In port, connect to any HDMI source to isolate Network Video Recorder (NVR) vs monitor problems.

HDMI In – Eliminates the need for a separate monitor.

RS485 interface – Control and program Pan/ Tilt/Zoom (PTZ) cameras and monitor incoming PTZ control signals to assist in troubleshooting analog cameras.

Data cable testing – RJ-45 port to perform wiremap testing of unshielded twisted pair (UTP) data cabling. Automatically identify cross over cables and common wiremap faults using the Tracer/Remote.
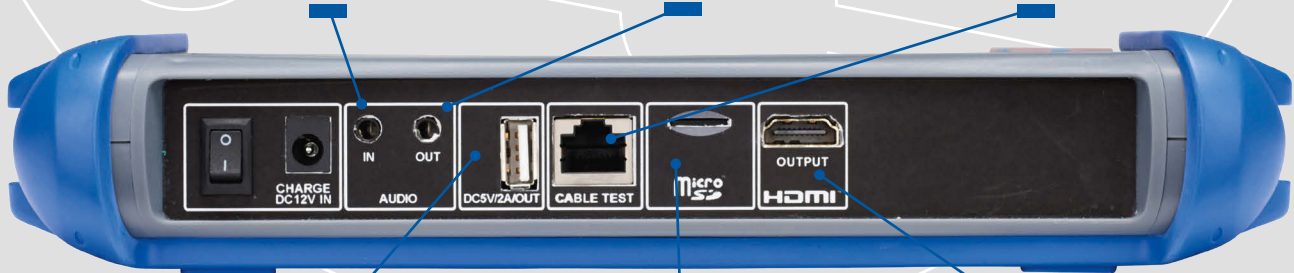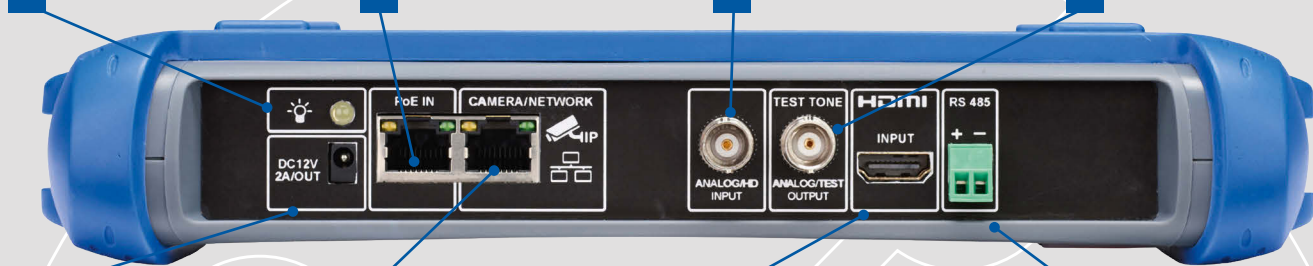
Camera audio testing using audio in port – Test microphone equipped cameras using the tester's internal speaker.

Camera audio testing using audio out port – Listen to the camera audio through the tester using external headphones/ earbuds. Useful in noisy environments.

USB charging – High power 2A USB port to quickly charge devices such as mobile phones and tablets. (Please note this port does not support data transfer).

microSD slot – Transfer test reports, screen captures and video clips, or update software using microSD card.

HDMI output – Display tester screen on a larger monitor using HDMI for greater clarity.

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CCTV Camera Tester for
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Ordering Information

Part No.	Kit Contents
R171000	**SecuriTEST IP** – Digital/Analog/HD Coax CCTV Tester. 1 x SecuriTEST IP Camera Tester, 1 x carry case with strap, 2 x neck straps, 1 x PSU EU/UK/US/AU adapters, 1 x cable tracer/remote, 1 x 9.84 ft Cat. 5e UTP patch cable, 1 x 9.84 ft coax cable with two end BNC (m) connectors, 1 x 9.84 ft DC12V 3.5(f) to 2.5(f) power cable, 2 x RS485 female green plugs, 1 x 1.64 ft RS485 cable with female green plug and two clips, 1 x 1.64 ft audio male jack with other end two clips, 1 x quick reference guide, 1 x 8GB microSD card and reader with USB adapter

Optional Accessories

Part No.	Description
R171050	1 x Replacement Cable Tracer/Remote
R171051	1 x Replacement accessory set for SecuriTEST IP. 1 x coax cable with two end BNC (m) connectors, 1 x DC12V 3.5(f) to 2.5(f) power cable, 2 x RS485 female green plug
R171052	1 x Replacement Battery

Basic Specifications

Internal Memory	Max. Cable Length	Battery Life*	Dimension (inches)	Weight	Operation Temp	Operation Humidity
10GB	328 ft	10 hours	6.3 (L) x 9.9 (W) x 1.9 (D)	2.2 lbs	-14°F to +122°F	30% to 90%

*Battery life is dependent on the load being drawn.

TREND NETWORKS