

# STE-1200

CCTV Security Tester



P/N 2011426000

- 3.5 Inch TFT LCD, 960 x 240 Resolution
- 12 VDC, 1A Power Output for Camera
- Audio Input Testing
- Supports Pan-Tilt-Zoom Control for More than Twenty PTZ Protocols
- Automatically Adapts and Displays Video from NTSC or PAL Cameras
- PAL or NTSC Multi-System Colorbar Video Generator
- Captures and Analyzes RS232 and RS485 Controlling Data



## Overview

The STE-1200™ CCTV Security Tester is used for the installation and maintenance of closed circuit video monitoring systems. The unit can be used to display video feeds directly from security cameras, control the movement of Pan-Tilt-Zoom (PTZ) cameras, generate colorbar test images, capture addressing data from serial control systems, and test LAN cables.

These functions along with easy operation and portability makes it simple for a CCTV Technician to install and maintain CCTV systems, improving work efficiency by reducing time in the field.

The STE-1200 makes adjustments to PTZ controllers quick and simple. Support for more than 20 PTZ protocols such as PELCO and Samsung allow for easy adjustments. These adjustments include zooming, panning, tilting, adjusting focus, and creating preset positions for security cameras. Live video can also be displayed and generated in both NTSC and PAL formats.

The STE-1200 can be used to capture and analyze data from RS485 cable. It can also test cable in local area networks by displaying the connection status, sequence, and cable number. The STE-1200 is capable of baud rates ranging from 150, and 600 to 19200 bps along with support for RS232, RS485, and RS422 interfaces.



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## Connection Diagram

The following diagram shows an example of how the STE-1200 CCTV Security Tester is used to test a CCTV security system. This example shows a typical PTZ camera with video output, PTZ control wiring (RS232 or RS485), audio output, and DC power supply.

In this example, the security camera is supplied power using the STE-1200 power output. This configuration is common in new installations where power may not be available for testing. In existing installations, the security camera can be powered by the installed power source.

## Specifications

### Video Testing

Signal Mode	NTSC/PAL seven system, auto-adapting
Display	3.5 inch digital TFT-LCD, 960 x 240 resolution
LCD Adjustment	Brightness, Contrast, Saturation
Video Input	Female BNC
Video Output	Female BNC



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<b>Video Output Mode</b>	1.0 Vp-p
<b>Signal Generator</b>	PAL or NTSC multi-system colorbar video
<b>PTZ Controller</b>	
<b>Communication</b>	RS232, RS422 (simplex) and RS485
<b>PTZ Protocols</b>	24 Protocols - AD, ALEC, CBC, DAT-SD, DH-YTC06, Fastrax, LC-NEW, LG-MULTIX, Lilin-FAST, Lilin-MLP2, Minking A01, Minking B01, Molyx, Panasonic, PEARMAN, Pelco D, Pelco P, Samsung, SONY-EVI, VCItp, Vicon, WV-CS850, YAAN, and YANN-0
<b>Baud Rate</b>	150, 300, 600, 1200, 2400, 4800, 9600, 19200 bps

## Network Testing & Analysis

<b>Tests</b>	Connection status and ID, cable type, wire sequence, and data
<b>Cable Type</b>	Unshielded Twisted Pair (UTP)
<b>Status</b>	Serial numbered cable tester
<b>Wire Sequences</b>	Straight, cross-over, short, and open
<b>Data</b>	Captures and analyzes RS-485 control data

## Audio Testing

<b>Audio Input</b>	Mini-jack (1/8" TRS)
<b>Audio Output</b>	Internal speaker

## Power

<b>Battery</b>	3.7 V, 3000 mAh Li-Ion battery
<b>Input</b>	5 VDC, 2A
<b>Output</b>	12 VDC, 1A power output for camera
<b>Operation Time</b>	Up to 12 hours
<b>Charge Time</b>	3 to 4 hours

## General

<b>Temperature</b>	-22 to 158 °F (-30 to 70 °C)
<b>Humidity</b>	30% to 90% RH
<b>Dimensions</b>	6.93 x 3.70 x 1.42 inches (176 x 94 x 36 mm)
<b>Weight</b>	0.75 lbs (340 grams)

## INCLUDES THE FOLLOWING:

- Protective carry case with strap
- Device neck lanyard
- Blue rubber protective bumper
- LAN cable tester
- BNC male to male cable
- RS485 terminal block (2 pos.)
- Alligator clip to RS485 terminal block (2 pos.) cable
- Alligator clip to mini-jack (1/8" TRS) Cable
- 12 VDC, 1A output power cable for camera power
- AC to DC power adapter
- 3.7 V, 3000 mAh Li-Ion Battery
- User's Manual



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