

ST-ALLIN1-TEST2

Tester/Monitor for IP, HD over Coax: TVI, CVI, AHD, HD-SDI, EX-SDI and Analog (CVBS) CCTV Cameras

The IP BUDDY+ ALL-IN-1: a 7-inch touchscreen IP camera monitor and tester, specifically designed for the installation and maintenance of IP cameras, HD over coax cameras (TVI, CVI, SDI, AHD), analog cameras, and other security devices. With a high-resolution 1280 x 800 display, it delivers crisp, clear images for both HD and analog cameras. The IP BUDDY+ supports PTZ controls for HD over coax, ONVIF PTZ, and analog PTZ cameras, providing seamless control during setup.

This versatile tool also excels in Ethernet network testing, allowing you to check PoE power voltage, perform PING tests, and scan IP addresses. The included blue cable tester ensures accurate network cable termination checks and type identification. Additional features include providing 24W PoE power to IP cameras, an LED flashlight, and 12VDC 2A power output.

Compact, portable, and equipped with a user-friendly design, the IP BUDDY+ ALL-IN-1 is the must-have solution for all technicians and installers, streamlining your workflow and ensuring top-notch performance on every job.

Key Features

- Supports IP cameras up to 8K resolution
- Compatible with TVI, CVI, EX-SDI and AHD cameras up to 8 MP
- Supports HD-SDI and Analog (CVBS)
- HDMI input and output
- VGA input
- Multimeter functionality
- Cable tracing app with toner wand
- Network port: RJ45
- Built-in WiFi up to 492'
- WiFi analyzer
- Provides PoE for IP cameras (up to 24W)
- USB 5V 2A power output
- 12V DC 3A power output
- 12V, 2A input power supply
- Automatic IP discovery
- PoE port finder
- IP scanning
- Link monitor
- Ping testing
- ONVIF compatible

Available Accessories



Replacement Battery
ST-IP-TEST-BATTERY2-V2



Replacement Power Supply
ST-IP-TEST-PS



Screen Protector
ST-IP-TEST-SP2



Includes

- IP BUDDY+ ALL IN 1 video monitor & IP test meter
- 12VDC wall charger
- Lithium ion battery (Not plugged in during shipping. Please plug in prior to using meter!)
- 3 foot BNC test cable
- 18 inch RS485 test cable with alligator clips
- Cable tone probe
- 3 foot meter to camera power cable
- 18 inch 3.5mm audio cable with alligator clips
- Premium carrying case
- Carrying strap
- Lanyard
- User's Manual
- 8GB SD card
- Green DC21 Male & Female power adaptors
- Multi meter test leads (red and black)

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Specifications	
Display	7 inch IPS touch screen, 1280 x 800 resolution
Signal System	NTSC / PAL (Auto-Selecting)
IP camera test	4K, 8K, H.264, H.265, Onvif, Onvif PTZ, ACTi, Dahua IPC-HFW2100P, Hikvision, DS-2CD864-E13, Samsung SNZ-5200, Honeywell HICC-2300T, etc. Customized protocols are available
HD-TVI input	8MP TVI camera test, 3840 x 2160, 15 FPS, image display, zoom, video record and playback, coaxial PTZ control and call camera OSD menu
HD-CVI input	8MP CVI camera test, 3840 x 2160, 12.5/15 FPS, image display, zoom, video record and playback, coaxial PTZ control and call camera OSD menu
AHD input	8MP AHD camera test, 3840 x 2160, 15 FPS, image display, zoom, video record and playback, coaxial PTZ control and call camera OSD menu
HD SDI input	HD-SDI / EX-SDI camera test, support 1080P 50/60 FPS
EX-SDI input	8MP EX-SDI camera test, 3840 x 2160, 25/30 FPS, image display, zoom, video record and playback, coaxial PTZ control and call camera OSD menu
Multimeter	Voltage, current, resistance and capacitance can be tested, continuity testing, diode testing
Cable tracer app with toner wand	Cable tracer app with toner wand, send the specific signal, easy to find out the connected cable from messy cables.
Hikvision test tool	Pressing just one key to activate hikvision camera , Image test, can modify the user name, password and IP parameters
Uniview test tool	Uniview camera test, modify the user name, password and IP parameters
Network test	FTP Server, Static IP address, DHCP, simultaneously test different segments' IP cameras, Network bandwidth testing, IP discovery
IP camera apps	Support video management software to view IP camera image, such as Hikvision ivms-4500, Dahua gDMSS HD Lite, STGO2
RTSP	Support RTSP to view IP camera image
HDMI input	1 channel HDMI input, support 1080P
HDMI output	1 channel HDMI output, support 1080P
VGA input	1 channel VGA input, support 1920 x 1080P 60 FPS
LCD adjust	Adjustable brightness, contrast, color of LCD
Network port	10/100/1000M auto adjust, RJ45
WiFi	Built in WiFi, and can create a WiFi hotspot connection
PoE power output	PoE 24W power supply to IP camera
Video Input / Output	1 channel BNC input & 1 channel BNC looped output
Video Output Mode	1.0 Vp-p
CVBS loop test	The tester send and receive color bar generator signal to check BNC cable
Power adapter	12V, 2A input supply
Power output	12V DC, 3A power output for camera
Audio input	1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone

Specifications	
USB power output	USB 5V 2A power output to mobile phone
Communication	RS485
Baud Rate	150, 300, 600, 1200, 2400, 4800, 9600, 19200bps
Power Saving Features	Sleep mode, Battery level indicator
PTZ Address Scanning	Scan for local PTZ address over data cables
Rechargeable Battery	6 hours charge, works up to 10 hours
Battery	1 pcs Lithium Ion Polymer Battery; 7.6V, 7800mAh, 59.28Wh
Video Display	Displays video signal from analog input
Video Signal	Color bar generator for monitor testing
Cable Test	Checks connections of UTP cables, RJ45 cable TDR test
PTZ Protocol	Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, TeleEye and more
PTZ data Capture	Reads and displays commands sent from controllers
Image 4x zoom	4x zoom image display and video out
Photograph	Snapshot and save the image as JPG file and screenshot
Video record	Video recording and playback from the SD card
Port Finder	Find the connected PoE port quickly
IP scan	Find out the connected IP camera or network equipment's IP address
Link monitor	Check the IP address whether is occupied
Ping testing	Network and Ip camera ping testing
PoE tester	PoE voltage testing, PoE port flicker, PoE link monitoring
Night LED	Built-in LED lamp
SD card	With 8G Micro SD card, support Micro SD card for recording, max support 32G SD card
TesterPlay	Screen projection tester, mobile phone and PC display at the same time (For android version mobile phone)
Drop-down menu	User can select PoE power switch, IP setting, WLAN switch, HDMI IN functions in any interface
DC 24V 2A Power output	DC 24V power supply output with short circuit protection, can supply power to 24V camera
Dual Gigabit Ethernet ports	Dual Gigabit Ethernet port can be connected to the camera for testing at the same time.
WiFi Analyzer	Detect the surrounding WiFi signal and signal strength.
NET TOOL PRO	NET TOOL PRO-Cable Test, Wireless Tool, Link Tool, Full Duplex Detection, PING, IP Scan, DHCP Server, PPPOE, OUI Search, Socket Tool, DNS, LLLDP
Remote control & Testerplay	Mobile APP screen projection and remote control, Engineers and Managers can view camera image positioning and operations at the same time.
Dimension	12.6 x 11.4 x 3.9" (320 x 290 x 98mm)
Weight	5.93 lbs. (2.69kg)

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HD Resolution	720P	1080P	3 MP	4 MP	5 MP	6 MP	4K (8MP)
CVI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30 FPS	—	2560 x 1440 P 25/30 FPS	2592 x 1944 P 20 FPS 2880 x 1620P 25 FPS	2880 x 1920 P 20 FPS	3840 x 2160 P 12.5/15 FPS
TVI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30 FPS	2048 x 1536 P 18/25/30 FPS	2688 x 1520 P 15 FPS 2560 x 1440 P 15/25/30 FPS	2592 x 1944 P 12.5/20 FPS 2960 x 1660 P 20 FPS (3K)	—	3840 x 2160 P 12.5/15 FPS
AHD	1280 x 720 P 25/30 FPS	1920 x 1080 P 25/30 FPS	2048 x 1536 P 18/25/30 FPS	2560 x 1440 P 15/25/30 FPS	2592 x 1944 P 12.5/20 FPS	—	3840 x 2160 P 15 FPS
EX-SDI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30/50/60 FPS	—	2560 x 1440 P 25/30 FPS	—	—	3840 x 2160 P 25/30 FPS
HD-SDI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30/50/60 FPS	—	—	—	—	—
3G-SDI	—	1920 x 1080 P 25/30/50/60 FPS	—	—	—	—	—

IP Camera Resolution	720P	960P	1080P	3 MP	4 MP	5 MP	6 MP	4K (8MP)
H.265	✓	✓	✓	✓	✓	✓	✓	✓
H.264	✓	✓	✓	✓	✓	✓	✓	✓