



All-in-one CCTV tester

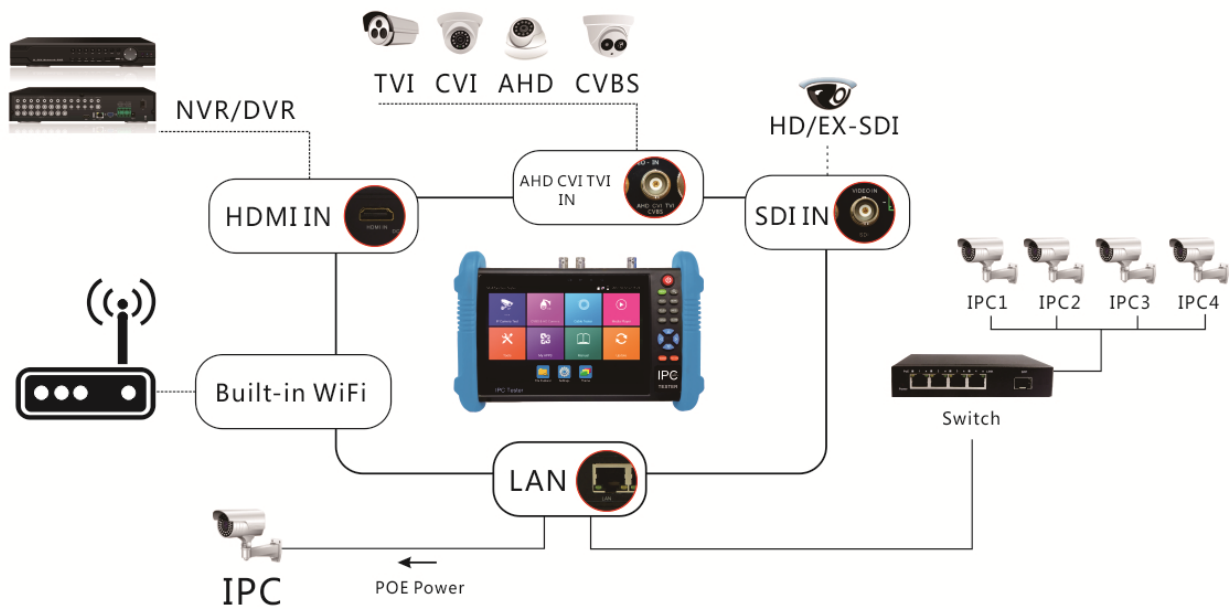
- ◆ 7 inch IPS touch screen, 1920*1200 resolution
- ◆ 8MP CVI/ TVI/ AHD, 8MP EX-SDI, HD-SDI, 3G-SDI
- ◆ H.265/H.264, 4K video display via mainstream
- ◆ Dahua, Hikvision, Axis etc ONVIF camera test
- ◆ Built in WIFI, create WIFI hotspot
- ◆ HDMI input & output, support 1080p
- ◆ DC12V 3A, DC 24V 2A, DC48V PoE power output, max power 25.5W
- ◆ Rapid ONVIF, auto view video and create testing report
- ◆ UTP cable tester/RJ45 cable TDR test, cable quality test
- ◆ Tester Play: Tester, mobile phone, PC display at the same time



Application

The 7 inch touch screen IP camera tester is designed for maintenance and installation of IP analog, HD coaxial cameras as well as other security equipment. The 1920*1200 resolution enables it to display network HD cameras and analog cameras in high resolution. The unit supports many ONVIF PTZ and analog PTZ control. Additionally, it has other functions such as TDR cable test, Digital multi-meter, UTP cable test and cable scan etc. CCTV installers often need to carry a variety of testing tools to complete their work. If they take the all-in-one camera tester, making work conditions safer and increasing productivity.

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Dome camera, IP TVI CVI AHD SDI 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller



Features

Camera test:

- 7 inch IPS touch screen, 1920*1200 resolutions
- H.265 & H.264 IP, 4K video display via mainstream
- 8MP TVI test, 3840 x 2160P 15 fps, 4x zoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD test, 3840 x 2160P 15 fps, 4x zoom, video record & playback, coaxial PTZ & call OSD menu *
- 8MP CVI test, 3840 x 2160P 12.5/15fps, 4x zoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP EX-SDI test, 3840 x 2160P 25/30FPS, 4x zoom, video record & playback, coaxial PTZ & call OSD menu
- HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4x zoom, video record & playback, coaxial PTZ & call OSD menu
- 3G-SDI test, 1920 x 1080P 50/60 FPS, 4x zoom, video record & playback, coaxial PTZ & call OSD menu
- Rapid ONVIF, Auto log in and display image, create testing report
- Dual Gigabit Ethernet ports, Dual Gigabit Ethernet port can be connected to the camera for testing at the same time **NEW**
- AXIS, Hikvision camera test, enter ONVIF app, input username and password to test
- CVBS camera test and PTZ control
- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- Video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement
- 4K HD camera level meter test, Through hardware high-speed sampling and processing technology, Test camera level data. Detect camera transmission quality and whether BNC transmission is normal. **NEW**
- DC12V/3A power output, camera can be powered from DC 12V voltage
- DC 24V 2A Power output, DC 24V power supply output with short circuit protection, can supply power to 24V camera **NEW**
- 48V PoE power output power
- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi, display image from the wireless camera, create WIFI hotspot
- CVBS loop test, the tester send and receive color bar generator signal, to check BNC cable
- Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator

Cable test:

- Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc
- New digital Cable tracer, search BNC cable, network cable and telephone cable from the mess cables **NEW**

- TDR cable test: BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1.2KM*

- TDR 2.0, Using the curve to accurately locate cable faults, can test the short-circuit and open-circuit length of metal wires, such as network cable, BNC cable, elevator cable, telephone cable and power lines. Support test up to 1.2km. **NEW**

- BNC attenuation test, Through hardware high-speed sampling and processing technology, test the BNC coaxial cable transmission attenuation value, detect the transmission quality of BNC cable. **NEW**

Other functions:

- Network tool: Ping, IP scan, Port Flash, DHCP server, Trace Route
- POE & power information, DC12V& PoE power and voltage output /input measurement
- Tester Play: Tester, android version mobile phone and PC display at the same time
- Shortcut button, drop-down menu, can select Poe power, IP setting, CVBS, LAN info, HDMI IN etc
- HDM input,720×480p /720×576p /1280×720p /1920×1080p /1024×768p/1280×1024p /1280×900p /1440×900p display, record and snapshot *
- Traffic monitoring, display network port or WIFI connection real-time upload and download speeds and other network parameters
- Self -update software, you can install apps with android version
- Media player, 4K video files and MKV/MP4 media files play
- Wifi Analyzer, Detect the surrounding wifi signal and signal strength. **NEW**
- NET TOOL PRO, contained Cable Test, Wireless Tool, Link Tool, Full Duplex Detection, PING, IP Scan, DHCP Server, PPPOE, OUI Search, Socket Tool, DNS, LLLDP **NEW**
- Quick office, quick office app (support excel, word, ppt format) doc. editable
- 8GB SD card including
- Display its genuine resolution of the IP camera images
- Audio in, support record and save the audio/LED lamp, calculators, music players and other application tools
- 7.4 V /7500mAh Lithium Ion Polymer Battery, after 3.5 hours charging, normal working time 16 hours **NEW**

Specifications

LCD	Item series	IPTESTER/PRO	
	Display	New 7 inch IPS touch screen , 1920*1200 resolution	
Video Mode	CVBS	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)	
		4K HD camera level meter test, through hardware high-speed sampling and processing technology, Test camera level data. Detect camera transmission quality and whether BNC transmission is normal	
		Analog video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement	
		PTZ control,RS485 control, Baud 600-115200bps,compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc	
		CVBS loop test	the tester send and receive color bar generator signal , check BNC cable
	IP camera test 4k/H.265/H.264	IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK	
		Rapid Video	Auto view the video, create testing report
		Hik test tool	activate hikvision camera , modify the user name, password and IP parameters
		Dahua test tool	Dahua camera test, modify the user name, password and IP parameters
	IP& CVBS test	IP& CVBS test at the same time ,converter test from analog to digital with dual test window	
Coaxial HD test	8MP TVI camera test,3840 x 2160P 15 FPS, UTC control/ call OSD menu		
	8MP CVI camera test,3840 x 2160P 12.5/15 FPS,UTC control d call OSD menu		
	8MP AHD test,2560x1944P 12.5F/20F, UTC control d call OSD menu		
	8MP EX-SDI, HD-SDI, 3G-SDI, UTC control & call OSD menu		

	HDMI input	1 channel HDMI input, support 1080P
	Zoom Image	4x zoom, to enlarge image, Screen snapshot, record ,save ,view and record and play back
Analog Video out	Color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable
Power output	PoE power output	48V PoE power output, max power 25.5W
	DC12V power	DC12V /3A power output
Cable test	TDR cable test	BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1.2KM
	TDR 2.0	Using the curve to accurately locate cable faults, can test the short-circuit and open-circuit length of metal wires, such as network cable, BNC cable, elevator cable, telephone cable and power lines. Support test up to 1.2km.
	Cable tracer	search BNC cable, network cable and telephone cable from the mess cables *
	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen
	RJ45 cable TDR test	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc. measurement range 180M.
	BNC attenuation test	Test BNC coaxial cable transmission attenuation value, detect the transmission quality of BNC cable*
TesterPlay	screen projection: tester, mobile phone and PC display at the same time (For android version mobile phone)	
Network test	Trace route, Link monitor , DHCP server, port flashing, Ping test	
Wi-Fi	Built in WIFI,speeds150M,display wireless camera image	
Audio test	1 channel audio signal input, test whether sound normal, 1 channel audio signal, to connect headphone	
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal	
PoE test	Measurement POE switch or PSE power supply voltage and cable connection status	
Drop-down menu	You can select PoE power switch ,IP setting, CVBS, LAN info , HDMI IN functions etc in any interface	
External power supply	DC 12V 2A	
Battery	Built-in 7.4V Lithium polymer battery ,7500mAh	
Rechargeable	After charging 3.5 hours, normal working time 16hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese etc	
Auto off	1-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	240mm x 154mm x 46mm / 620g	
Digital Multimeter	Digital Multimeter :DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, Capacitance measurement	
Optical power meter	Optical power meter, Wavelength: 1625,1550nm,1490nm,1310nm,1300nm,850nm, measurement range ,-70 ~ +10 dBm, for optical power testing and Fiber link loss relative measurement	
Visual fault locator	Visual fault locator :10mW visual fault locator with 650nm wavelength can emit red laser sources to test multi-mode and single mode fiber's bending and breakage, test range 10KM	
TDR cable test	TDR cable test: BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1.2KM	
Video level meter	Video level meter :PEAK ,SYNC signal level, color burst chroma level measurement	
Cable tracer	Cable tracer :search BNC cable, network cable and telephone cable from the mess cable	
ADHS	8MP TVI ,8MP CVI ,8MP AHD ,HD SDI/3G-SDI/8MP EX-SDI test	

The data above is only for reference and any change of them will not be informed in advance. For more detailed technical inquiries, please feel free to contact us.

Packing kits

- 1) Tester
 - 2) Network cable tester
 - 3). Adaptor DC12V 2A/ 8GB SD card
 - 4) Polymer lithium ion battery (7.4V DC 7500mAh)
 - 5). Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord
 - 6). SC, ST Connector
 - 7). Multi-meter test leads one pair of red and black
 - 8). TDR alligator clamp
 - 9). Manual
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