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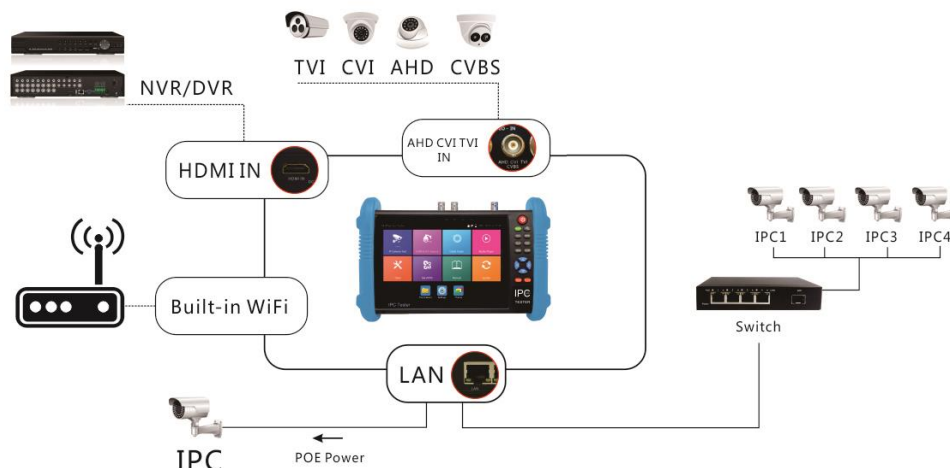## 500124 │ 8K IP Multi-functions CCTV Tester

7 Inch All-in-one CCTV Tester

- 7 inch IPS touch screen, 1280*800 resolution
- 8K H.265 video display via mainstream
- 8MP CVI/TVI/AHD camera test
- Dahua, Hikvision, Axis etc ONVIF camera test
- HDMI input 4K 30FPS, HDMI output 4K 60FPS
- VGA input support 1920*1080P
- DC24V 2A, DC12V 3A power output
- PoE++ power output, max power 90W
- SFP Optical module port
- Brand new dual gigabit Ethernet ports
- UTP cable test/RJ45 cable TDR test, cable quality test
- TesterPlay, support remote control and voice intercom
- Backlight buttons, easier to operate in the dark

Application

The 7 inch IPS touch screen IP camera tester is designed for maintenance and installation of IP analog, HD coaxial cameras as well as other security equipment. The 1280x800 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 with other functions 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 take the all in one camera tester, making working conditions safer and increasing productivity.

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Dome camera, IP TVI CVI AHD 8K H.265 camera testing
- Video transmission channel testing
- PTZ controller

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brief

Features

Camera test:

- 7 inch IPS touch screen, 1280*800 resolution
- 8K H.265 video display via mainstream
- 8MP TVI test,3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD test, 3840 x 2160P 15 FPS,4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP CVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- Rapid ONVIF, Auto log in and display image, create testing report
- 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)
- DC24V 2A, DC12V 3A power output, camera can be powered from tester
- 55V PoE++ power output power, max power 90W
- 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 can 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

Other functions:

- Professional WIFI Analyzer, detect the surrounding wifi signal and signal strength
- Network tool: Ping, IP scan, Port Flash, DHCP server, Trace Route
- POE & power information, DC12V& PoE power and voltage output /input measurement
- TesterPlay: 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
- HDMI input support 4K 30FPS, HDMI output support 4K 60FPS
- VGA input support 1920*1080P
- 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
- Quick office, quick office app (support excel, word, ppt format) doc. editable
- 8GB SD card included
- Audio in, support record and save the audio/LED lamp, calculators, music players and other application tools
- 11.1 V /5200mAh Lithium Ion Battery, after 3.5 hours fast charging, working time lasts 11 hours

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LCD	Item series	500124	
	Display	New 7 inch IPS touch screen, 1280*800 resolution	
Video Mode	CVBS	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)	
		HD coaxial 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 can send and receive color bar generator signal to check BNC cable
	IP camera test 8K/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 & call OSD menu	
		8MP AHD test, 3840 x 2160P 12.5/15 FPS, UTC control & call OSD menu	
	HDMI in & out	Support HDMI input 4K 30FPS, HDMI output 4K 60FPS	
	VGA input	Support 1920*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	55V PoE++ power output, max power 90W	
	DC24 V power	DC24V 2A power output	
	DC12V power	DC12V 3A power output	
	DC5V Power	DC5V 2A power output	
	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	
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, speeds 150M, 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	

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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 15V 1.6A
Battery	Built-in 11.1V Lithium ion battery, 5200mAh
Rechargeable	After fast charging 3.5 hours, normal working time 11 hours
Operation setting	OSD menu, select your desired language: English, Portuguese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Turkish, Deutsch, Serbian, Czech, Vietnamese etc
Auto off	1-30 (mins)
Working Temperature	-10℃---+50℃
Working Humidity	30%-90%
Dimension/Weight	240mm x 154mm x 46mm / 620g

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.

Comparison Table

Features/ Model	500124 ישן	500124 חדש (09/25)
IP & CVBS	√	√
HDMI INPUT *	X	√
VGA INPUT*	X	√
Video level meter*	X	X
Digital cable tracer*	X	X
Digital multimeter*	X	X
Optical power meter*	X	X
Visual fault locator*	X	X
Cable length*	X	√
TDR cable test*	X	X
BNC attenuation test	X	X
8MP AHD*	X	√
8MP CVI*	X	√
8MP TVI*	X	√
8MP EX-SDI, HD-SDI, 3G-SDI *	X	X

Packing kits

1) Tester

2) Network cable tester

3) Adaptor DC15V 1.6A/ 8GB SD card

4) Polymer lithium-ion battery (11.1V DC 5200mAh)

5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord

9) Manual