IPC-9800 Pro series │ 8K IP Camera Tester

7 Inch All-in-one CCTV Tester
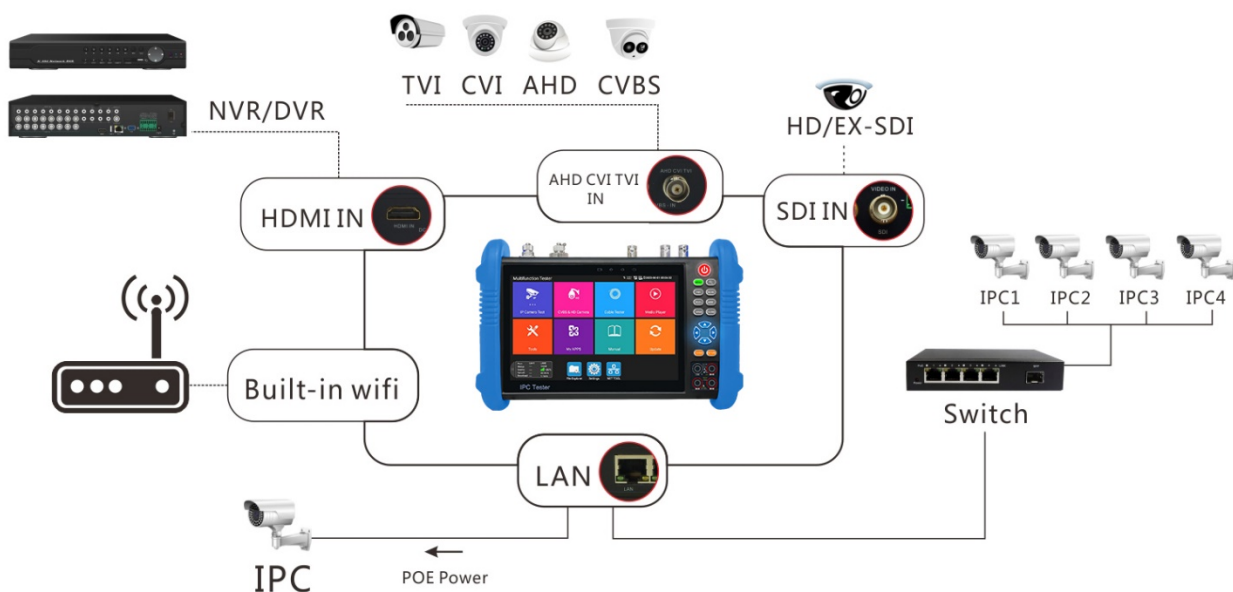
- 7 inch IPS touch screen, 1280*800 resolution
- 8K H.265 video display via mainstream
- 8MP CVI/TVI/AHD/EX-SDI, HD-SDI, 3G-SDI camera test*
- Dahua, Hikvision, Axis etc ONVIF camera test
- HDMI input 4K 30FPS, HDMI output 4K 60FPS*
- VGA input support 1920*1080P*
- DC24V 2A, DC12V 3A, 48V PoE power output, max power 30W
- 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 SDI 8K H.265 camera testing
- Video transmission channel testing
- PTZ controller

Camera test:

● 7 inch IPS touch screen, 1280*800 resolution

● 8K H.265 video display via mainstream

● Analog camera test and PTZ control

● 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 **

● 8MP EX-SDI test, 3840 x 2160P 25/30 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu **

● HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu **

● 3G-SDI test, 1920 x 1080P 50/60 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

● 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 **

● DC24V 2A, DC12V 3A power output, camera can be powered from tester

● 48V PoE power output power, max power 30W

● 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

● Upgraded Digital Cable tracer, search BNC cable, network cable and telephone cable from the mess cables, more accurately. *

● **Cable Length,** BNC cable, network cable, telephone cable, RVV cable, elevator cable, and cat 5/6 cable's length test. Max measurement for cable's open is 1.5KM**. (Short circuit length test not supported) ***

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

Other functions:

● Digital Multimeter: DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, capacitance measurement **

● 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: 10mW visual fault locator with 650nm wavelength can emit red laser sources to test multi-mode and single mode fiber's bending and breakage, max test 10KM **

● 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
- 7.6 V /7800mAh Lithium Ion Polymer Battery, after 3.5 hours fast charging, working time lasts 16 hours

Specifications

	Item series	IPC-9800 Pro series	
LCD	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)	
		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	Send and receive color bar signal to check BNC cable
	IP camera test 8K/H.265	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 *	
		8MP EX-SDI, HD-SDI, 3G-SDI, 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, record and play back	
Analog Video out	Color bar generator	Output one channel PAL/NTSC color bar signal for testing monitor or video cable	
Power output	PoE power output	48V PoE power output, max power 30W	
	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 *	
	Digital cable tracer *	Search BNC cable, network cable and telephone cable from the mess cables, more accurately*	
	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen	
	RJ45 cable TDR	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc.	

	test	measurement range 180M
TesterPlay	Screen projec on: Tester, mobile phone and PC display at the same me (For android 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 connec on status	
Drop-down menu	You can select PoE power switch, IP se ng, CVBS, LAN info, HDMI IN func ons etc in any interface	
External power supply	DC 12V 2A	
Ba ery	Built-in 7.6V Lithium polymer ba ery, 7800mAh	
Rechargeable	A er fast charging 3.5 hours, normal working me 16 hours	
Opera on se ng	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 / 2KG	

Note: "*" sign mean func ons are customizable

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.

Features/ Model	IPC-9800ADH Pro
IP & Analog camera test	√
HDMI INPU & OUTPUT*	√
VGA INPUT*	√
Video level meter*	X
Digital cable tracer*	X
Digital mul meter*	X
Op cal power meter*	X
Visual fault locator*	X
Cable length test*	x
TDR cable test*	X
8MP CVI/TVI/AHD camera test*	√
8MP EX-SDI, HD-SDI, 3G-SDI *	X

Packing kits

1) Tester

2) Network cable tester

3) Adaptor DC12V 2A/ 8GB SD card

4) Polymer lithium ion battery (7.6V DC 7800mAh)

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

6) SC, ST Connector（Only for optical power meter model）

7) Multi-meter test leads one pair of red and black (only for the Multi-meter model)

8) TDR alligator clip (only for TDR model)

9) Manual