

7 Inch All-in-one CCTV Tester

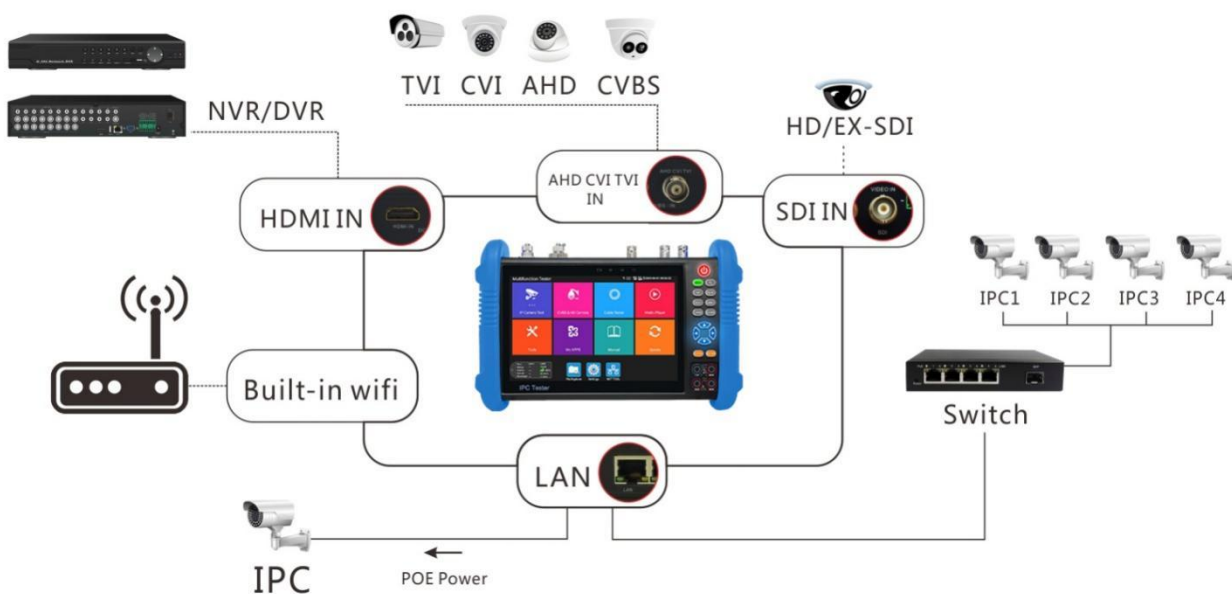
- ⌘ 7 inch IPS touch screen, 1280*800 resolution
- ⌘ **8K H.265 video display via mainstream**
- ⌘ 8MP CVI/TVI/AHD/EX-SDI, HD-SDI, 3G-SDI camera test*
- ⌘ Dahua, Hikvision, Axis etc ONVIF camera test
- ⌘ HDMI input 4K 30FPS, HDMI output 4K 60FPS*
- ⌘ **VGA input support 1920*1080P***
- ⌘ DC24V 2A, DC12V 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



Features

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

| LCD | Item series | IPC-9800 Pro series | |
|------------------|--|--|---|
| | 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 | 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 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 |
| 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 7.6V Lithium polymer battery, 7800mAh |
| Rechargeable | After fast charging 3.5 hours, normal working time 16 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°C----+50°C |
| Working Humidity | 30%-90% |
| Dimension/Weight | 240mm x 154mm x 46mm / 2KG |

Note: “*” sign mean functions 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.

Comparison Table

| Features/ Model | IPC-9800ADH Pro | IPC-9800ADHS Pro | IPC-9800CLMOVTADHS Pro |
|------------------------------|-----------------|------------------|------------------------|
| IP & Analog camera test | √ | √ | √ |
| HDMI INPU & OUTPUT* | √ | √ | √ |
| VGA INPUT* | √ | √ | √ |
| 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 test* | x | X | √ |
| TDR cable test* | X | X | √ |
| 8MP CVI/TVI/AHD camera test* | √ | √ | √ |
| 8MP EX-SDI, HD-SDI, 3G-SDI * | X | √ | √ |

- 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