## X9-MOVTADHS | 4K HD camera tester
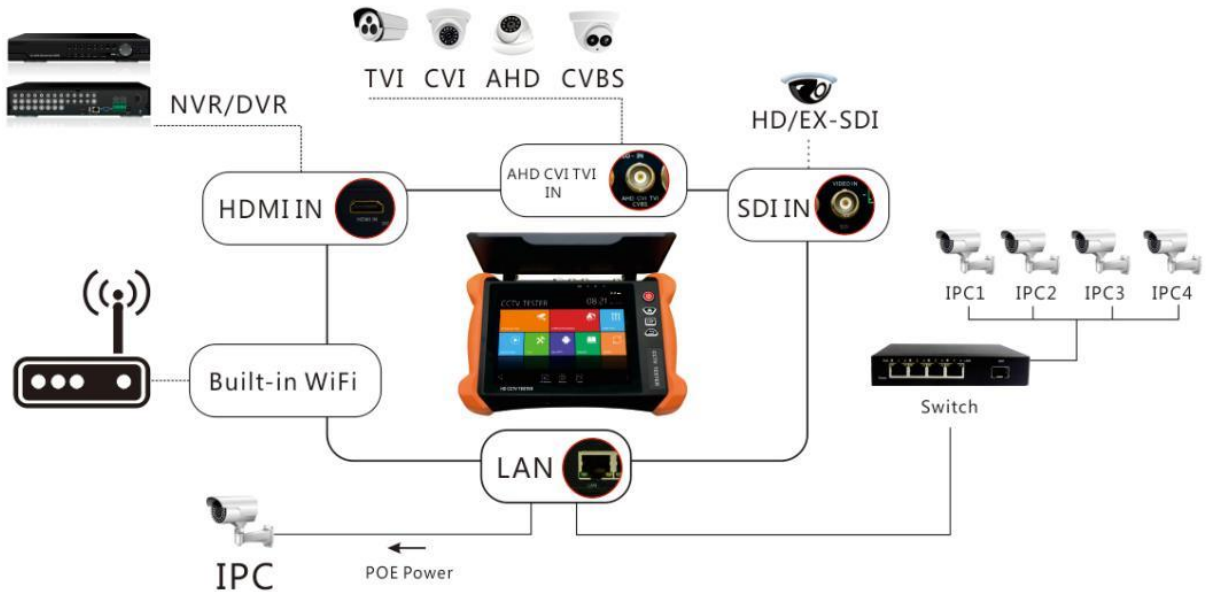
**X9-MOVTADHS**
8" SECURITY CAMERA TESTER

◆ 8 inch retina touch screen, 2048*1536 resolution

◆ 8MP TVI, 8MP CVI, 8MP AHD & SDI/8MP EX-SDI test

◆ H.265/H.264, 4K video display via mainstream

◆ Android 7.1 operating system

◆ Dual 1000M LAN port, 10/100/1000M auto adapt

◆ Anti-sunlight and screen protecting cover

◆ Built in 2.4GHz/5GHz dual band Wi-Fi, create Wi-Fi hotspot

◆ HDMI input & output, support 4K 2160P

◆ DC5V 2A, DC12V 3A, DC24V 2A, DC48V PoE power output

◆ 4 Channel Rapid ONVIF, auto view video and create testing report

◆ RJ45 cable TDR test, cable quality test

◆ Cable tracer and video level meter

◆ Network Tool Pro, professional network detection and debugging

◆ TesterPlay: Tester, mobile phone, PC display at the same time

◆ Built-in Digital Multi-meter

◆ Support TDR cable test

◆ Built-in Optical power meter & Visible red laser source

## Application

The 8 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 2048x1536 resolution enables it to display network HD cameras and analog cameras in high resolution. The unit supports many ONVIF PTZ and analog PTZ control. Additional, it with other functions TDR cable test, Digital multi-meter, Optical power meter, Visual fault locator, UTP cable test and cable tracer 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.



- Android 7.1 operating system
- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Security surveillance IP TVI CVI AHD SDI 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller

## Features

**Camera test:**

- 8 inch retina touch screen, 2048*1536 resolutions
- H.265 & H .264 4K 12MP IP camera video display via mainstream
- 8MP TVI camera test, 3840 x 2160P 12.5/15 fps, 4xzoom, video record&playback, coaxial PTZ control & call OSD menu
- 8MP AHD camera test, 3840 x 2160P15 fps, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP CVI camera test, 3840 x 2160P 12.5/15fps, 4xzoom, video record& playback, coaxial PTZ & call OSD menu
- 8MP EX-SDI camera test, 3840 x 2160P 25/30 FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu
- HD-SDI camera test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu
- 3G-SDI camera test, 1920 x 1080P 50/60 FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu
- 4 Channel Rapid ONVIF, Auto log in and display image, create testing report

- Dual 1000Mbps LAN port, display LAN ports bandwidth information and test signal quality, can test data transmission, Traffic monitor and network packet monitor
- Chrome browser, test and set Axis camera
- For 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 (for Hikvision camera), DH test tool (for Dahua camera)
- HD Coaxial and analog video level test, measure video level value, image signal quality and strength.
- Video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement
- DC5V/2A power output, mobile phone and camera can be powered from USB interface
- DC12V/3A power output, camera can be powered from DC 12 Voltage
- DC24V/2A power output, camera can be powered from dome camera
- Standard PoE power output (DC48V)
- Rapid video, just by one key to detect all network cameras and auto display
- Built in dual band Wi-Fi, 2.4 & 5GHz, max speed 433Mbps, display image from the Wi-Fi camera, create Wi-Fi 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 Can detect the near-end, mid-end and far-end fault point of RJ45 cabke connector
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc
- Cable tracer, search BNC cable, network cable and telephone cable from the mess cables. Cable tracer and UTP cable test app in the same interface
- Network Tool Pro, professional network problem detection and debugging
- TDR cable test: BNC cable, network cable, telephone line, RVV cable, elevator cable and other metal cable length and short circuit measurement

## Other functions:

- 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
- HDM input, 4K 60 FPS, display,record and snapshot
- Traffic monitoring, display network port or Wi-Fi 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)
- 8GB micro 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 /7000mAh Lithium Ion Polymer Battery, after fast charging about 4-6 hours, working time about 16 hours

**Specificati**

| | Brand | Rsrteng |
|---|---|---|
| **Device** | Item series | X9 series |
| | Model | X9-MOVTADHS |
| | Display | 8 inch touch screen with retina display, 2048*1536 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 — the tester send and receive color bar generator signal, check BNC cable |
| | **IP camera test** | IPC test /IPC viewer /Rapid Video/RTSP /ONVIF |
| | | Rapid Video — can create testing report |
| | | For Hik test tool — Support batch activate Hikvision cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.264 and H.265 video, open wide dynamic mode. Factory restore, etc. |
| | | For Dahua test tool — Support batch activate DAHUA cameras and modify IP address, username and password. Self-defined modify channel name. |
| | **IP& CVBS test** | IP& CVBS test at the same time, converter test from analog to digital with dual test window |
| | **HD Coaxial 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 camera test, 3840 x 2160P 15FPS, UTC control & call OSD menu |
| | | 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control & call OSD menu |
| | **HD Coaxial Video level test** | Measure video level value, image signal quality and strength |
| | **HDMI input** | 1 channel HDMI input, support 4K 60fps. |
| | **HDMI output** | 1 channel HDMI output, support 4K 30fps |
| | **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 | 24V/2A power output | DC24V/2A power for dome camera |
| | 12V/3A power output | DC12V/3A power out, supply temporarily power for the camera |
| | 5V/2A power output | USB DC5V 2A power output, as a power bank |
| | PoE power output | IEEEE802.3af/at PoE power output, DC48V, max power 25.5W |
| 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 network port) |
| | Cable tracer | Search BNC cable, network cable and telephone cable from the mess cables. Cable tracer and UTP cable test app in the same interface |
| | UTP cable test | Test UTP cable connection status and display on the screen. Read the number on the screen. Can detect the near-end, mid-end and far-end fault point of RJ45 cable connector |
| | RJ45 cable TDR test | test cable pair status, length, attenuation, reflectivity, impedance, skew etc. |
| Digital Multi-meter (DMM) | DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, Capacitance measurement | |
| Optical power meter (OPM) | Wavelength: 1625,1550nm,1490nm,1310nm,1300nm,850nm, measurement range , -70 to +10 dBm, for optical power testing and Fiber link loss relative measurement | |
| Visual fault locator (Visible red laser source) | 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 | |
| TesterPlay (Screen projection) | Tester, android version mobile phone and PC display at the same time (Does not support IOS devices) | |
| Network test | Trace route, Link monitor , DHCP server, port flashing , Ping test | |
| Wi-Fi | Built in Wi-Fi, max speeds 433Mbps, support 2.4 and 5GHz Wi-Fi. Display Wi-Fi camera image, create Wi-Fi hotspot, Wi-Fi analyzer | |
| Audio test | 1 channel audio signal input, test whether sound normal<br>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, WLAN switch, HDMI in functions etc in any interface | |
| Power supply | DC 12V 2A | |
| Battery | Built-in 7.4V Lithium polymer battery, 7000mAh | |
| Rechargeable | After fast charging about 4 hours, normal working time 16 hours | |
| Operation setting | OSD menu, select your desired language: English, Chinese, Polish, Korean, Russian, Italian, French, Polish, Spanish, Japanese, German, Portuguese, Serbian, Vietnamese, Czech etc . | |
| Auto off | 1 to 30 min | |
| Working Temperature | -10℃ to +50℃ / 14℉ to 122℉ | |

| Working Humidity | 30% to 90% |
|---|---|
| Tester dimension | 264 x 182 x 43mm / 10.4x7.17x1.69inch |
| Package dimension | 340x300x100mm / 13.4x11.8x3.94inch |
| Tester net weight | 1.3Kg / 2.86lbs |
| Package weight | 2.9kg / 6.4lbs |

**Note:** 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

1x Tester;

1x Power adapter;

1x Cable tracer;

1x Power output cable;

1x BNC video cable;

1x RS485 cable;

1x Audio Test cable;

1x TDR cable;

2x Multi-meter Test cable;

2x Fiber Optic Test Adapters;

1x User manual;

3x Shoulder Strap;

1x Tool bag

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