

# IP TVI CVI AHD CVBS SDI In One Tester



IPS 7 inch TFT-LCD test monitor with capacitive touch screen / ONVIF IP camera test, 2592\*1520 / IP CVBS TVI CVI AHD SDI 1080P camera / WIFI /12V 2APower output / 5V 2A power bank / DC48V PoE power supply /HDMI output/ IP camera viewer /PTZ control /Ping test/ UTP cable test /IP discovery, Auto -search IP camera address / Rapid ONVIF, Auto-login and display the camera image, activate Hikvision camera quickly.

7 inch tester monitor is designed for maintenance and installation of IP CVBS TVI CVI AHD SDI cameras as well as other security equipment. It's 1280 x 800 resolution enables it to display images from network HD cameras and analog cameras in top quality, it supports ONVIF PTZ, analog PTZ control and Coaxial control. A combination of touch screen and push buttons make the IP camera tester very user friendly. In addition the tester is also a great tool for Ethernet networks and cabling systems. It can test PoE voltage and is capable of IP address searching.

Other functions built in WIFI, UTP cable tester, 12V 2A power output for camera, DC48V PoE power supply, 5V 2A power output, HDMI output, Audio input and output, Network bandwidth testing, OSD menu rotates in 180 angle, OSD menu can be rotated in 180 angle by manual setting. The meters portability, user-friendly design and multi-function capability make it an essential tool for installers and technicians, greatly improving work efficiency and simplifying installations and system maintenance.

## **Application**

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Dome camera IP camera testing
- Video transmission channel testing
- PTZ control

## **Features**

1. IPS 7 inch TFT-LCD test monitor with touch screen, 1280\*800 resolution
2. LCD screen with brightness/contrast/color saturation adjustment
3. Built in Wi-Fi can receive images from wireless cameras,
4. ONVIF and customized IP cameras (with more than 80 brand camera, such as DAHUA, Haikang, KEDA, Samsung, HIKVISION and TIANDY camera)
5. ONVIF IP camera test, support 2592\*1520
6. 8GB SD card including

7. Test H.264/MPEG4/MJPEG IP cameras
8. Video image magnification enables detailed viewing
9. HDMI signal output, supports 1080p
10. Analog camera image display, auto adapts and display NTSC or PAL video formats
11. Supports RS232/RS485, Rate 600 - 115,200bps adjustable
12. **AHD/CVI/TVI** camera test. snapshot ,video record and playback ,zoom, support 1080P
13. **HD-SDI camera test** , SDI input, 1280x720P 25Hz/ 1280x720P 30Hz/ 1280x720P 50Hz/ 1280x720P 60Hz/1920x1080P 25Hz/ 1920x1080P 60Hz/1920x1080I 50Hz/ 1920x1080I 60Hz
14. **IP discovery**, it can auto-scan the whole network segment IP, and auto-modify tester's IP address
15. **Rapid ONVIF**, search camera quickly, auto log in and display image from the camera, activate Hikvision camera.
16. **Hik test tool app** is design for activating and debugging Hikvision camera can auto-identify inactivated hikvision camera, also can display image from the Hikvision camera.
17. **DH test tool app** is design for Dahua Camera image test, support modify IP, user name and password etc parameters.
18. Snapshot and save images as JPG files in an SD card, video record and playback
19. Support mobile client of the IP camera
20. Display real resolution of the IP camera images
21. PTZ controller ,Photograph, Video record, Record playback
22. Color bar generator, analog video color bar and testing image output
23. POE voltage test, PING test ,IP address scan, port flashing etc
24. DC 48V PoE power output, supplies temporary power for PoE cameras
25. 12V /2A power output
26. 5V 2A power output, as the power bank
27. Audio input and output test
28. LED lamp, calculators, music players and other application tools
29. 7.4V Lithium polymer battery ,5800mAh,after charging 7~8 hours ,working time last 10 hours

## **Specifications**

Model	<b>TI-HD9698</b>
Display	<b>7 inch IPS TFT-LCD test monitor with capacitive touch screen ,1280*800 resolution</b>
Network port	10/100M auto adapt,RJ45
IP discovery	auto-scan the whole network segment camera IP
Rapid ONVIF	search camera quickly, auto log in and display image from the camera, activate Hikvision camera
Hik test tool	activate Hikvision camera, Camera image test, support modify IP, user name and password etc parameters .
DH test tool	Dahua Camera image test, support modify IP, user name and password etc parameters
<b>HD SDI</b>	<b>1 channel SDI IN BNC Input ,Support resolution 720p 60fps / 1080p 60fps /1080i 60fps</b>
<b>HD TVI</b>	<b>720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps , camera OSD menu control over coaxial cable</b>
<b>HD CVI</b>	<b>720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps , camera OSD menu control over coaxial cable</b>
<b>HD AHD</b>	<b>AHD2.0, Support resolution 1080P 25fps,30fps /720p 25fps,30fps , camera OSD menu control over coaxial cable</b>
WIFI	Built in WIFI,speeds150M,display wireless camera image
IP camera type	Customized camera protocols welcome. ACTi,Dahua IPC-HFW2100P,Hikvision,DS-2CD864-E13,Samsung SNZ-5200、Tiandy TD-NC9200S2,Kodak IPC120L,Honeywell HICC-2300T, IPC,FSJ BY-1080Q,WEISKY IPC camera etc.
Video input/output	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)
Video Level Test	Video signals measured in IRE or mV
Zoom Image	Support Analog camera and IP camera image zoom /move

Snapshot ,video record	Image Screen snapshot, record ,save ,view and record and play back
HDMI output	1 channel HDMI output,support 1920*1080P
12V/2Apower output	Output DC12V/2A power for camera
5V power output	5V 2A power output,as a Power bank
PoE power output	48V PoE power output,Max power 24W
Audio test	1 channel audio signal input, test whether sound normal, 1 channel audio signal, to connect headphone
PTZ controller	RS485 control, Baud 600-115200bps,
Color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable.(red, green ,blue, white and black color )
UTP Cable tester	Test UTP cable connection status and display on the screen. Read the number on the screen
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal
Network test	IP address scan, link test, Ping test, Quickly search the connection IP camera and other device's IP address
PoE test	Measurement POE switch or PSE power supply voltage and cable connection status
POWER	
External power supply	DC 12V 2A
Battery	Built-in 7.4V Lithium polymer battery ,5800mAh
Rechargeable	After charging 7~8 hours, normal working time 10 hours
Parameter	
Operation setting	Capacitive touch screen, OSD menu,Chinese/English
Auto off	1-30 (mins)
General	
Working Temperature	-10℃---+50℃
Working Humidity	30%-90%
Dimension/Weight	231mm x 172mm x 52mm / 1.26Kg