IP camera Tester

IPC-8600 Series（VII Generation）

7 inch capacitive touch screen / ONVIF /SDI camera/Analog camera/ CVI camera /TVI camera/AHD /SDI camera test / WIFI /12V 2APower output / 5V 2A power bank / DC48V PoE power supply /HDMI output/Video level meter/ IP camera viewer /PTZ control /Ping test/Link test/Cable tracer / IP discovery, Auto -search the whole network segment IP / Rapid ONVIF, Auto-login and display the camera image, activate Hikvision camera quickly. Support more than 80 IP camera brands test (Hikvision, Dahua, Honeywell, Samsung etc)

7 inch Touch Screen IP camera tester is for maintenance and installation of IP camera and Analogue camera ,display HD camera and analogue camera image ,PTZ control, easy to use and operate . Built in network testing tools (IP address search, PING etc), quickly check the IP camera problem. Cable scan, TDR tester, easy to check the network cable, BNC cable problem, Optical power meter, Visual fault detector function, effective to solve the optical fiber transmission problem.

New IP camera tester normal working time lasts 16 hours, built in WIFI，as well as test Wireless IP ,Analog and SDI camera ,12V 2A power output for camera ,DC48V PoE power supply,5V 2A power output(as a power bank 13000mAh),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. This function is very convenient for the user to upward the downside to connect the LAN cable and do the testing.

Application

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

Features

1. 7 inch touch screen，1024*600 resolution *NEW*
2. Capacitive touch screen ,OSD menu,
3. Touch screen and key operation
4. Built-in WIFI, wireless network camera test *NEW*
5. AHD/CVI/TVI camera test . snapshot ,video record and playback ,zoom, NEW（***Optional**）
6. IP discovery, do not need to know the first two digits of camera's IP address , it can auto-scan the whole network segment IP, and auto-modify tester's IP address
7. Rapid ONVIF, search camera quickly, auto log in and display image from the camera, activate Hikvision camera.
8. Support 1080P camera
9. **SDI camera test （*Optional）**

   SDI digital video surveillance testing, SDI input, support resolution as follows:

   1280x720P 25Hz/1280x720P 30Hz/1280x720P 50Hz/1280x720P 60Hz/1920x1080P 25Hz/1920x1080P 60Hz/1920x1080I 50Hz/1920x1080I 60Hz

10. Digital camera image test and video image zoom, record, screen snapshot, Photo viewer and playback
11. Currently, Support ONVIF, combine with more than 80 brand camera ,such as DAHUA,Haikang,KEDA,Samsung,HIKVISION and TIANDY camera.
12. If IP camera manufacturers can offer Video Management Software that compatible with mobile phone or tablet PC, install the Video Management Software in the tester enable the tester to display IP camera image by IP camera viewer.

13. OSD menu rotates in 180 angle NEW

14. Display real resolution of the IP camera images

15. Video screen snapshot ,video recording ,files named and save, easy to find

16. Support network PTZ controller (ONVIF)

17. Support 1080P HD video files and MKV/MP4 media files play

18. PTZ controller ,Photograph, Video record, Record playback

19. Video level meter, Video PEAK lever, SYNC level, COLOR BURST measurement *NEW*

20. **Optical Power Meter,** it can measure the optical power value and fiber loss ***(Optional)**

21. **Visual fault locator ,** to test fiber's bending and breakage *** (Optional)**

22. **TDR cable test,** test cable length and short-circuit   *** (Optional)**

23.   **Digital Multi-meter,** Voltage, current, resistance and capacitance measuring, continuity testing, diode testing. (**Optional)**

24. Color bar generator, analog video color bar and testing image output NEW

25. POE voltage measurement, PING test ,IP address scan, port flashing etc

26. PoE DC48V power output，Max power 24W *NEW*

27. 12V /2A power output *NEW*

28. 5V 2A power output，as the power bank *NEW*

29. HDMI output, 1920*1080P Resolution *NEW*

30. Audio in /out

31. LED lamp, calculators, music players and other application tools

32. Support customers self update software

33. Lithium Ion Polymer Battery, working time lasts 16 hours

Specifications

"*"Sign means the function optional

Model	**IPC-8600【*】models optional**
Display	7 inch Capacitive touch screen , resolution 1024（RGB）x 600
Network port	10/100M auto adapt,RJ45
SDI camera test (Optional) *	**1 channel SDI IN BNC Input ,Support resolution 720p 60fps / 1080p 60fps /1080i 60fps**
TVI camera test *(Optional) *	**Support resolution 720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps , camera OSD menu control over coaxial cable**
CVI camera test (Optional) *	**Support resolution 720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps , camera OSD menu control over coaxial cable**
AHD camera test* (Optional) *	**Support AHD2.0, Support resolution 1080P 25fps,30fps /720p 25fps,30fps , camera OSD menu control over coaxial cable**
WIFI	Built in WIFI，speeds150M，display wireless camera image
IP camera type	ONVIF，ACTi、Dahua IPC-HFW2100P、Hikvision,DS-2CD864-E13、Samsung SNZ-5200、Tiandy TD-NC9200S2、Kodak IPC120L、Honeywell HICC-2300T、Aipu-waton IP5000-BC-13MP/IRS06-13MP、fine-Tida IPC、FSJ BY-1080Q、WEISKY IPC camera etc. Customized welcome
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
Video level meter	PEAK video signal level, SYNC signal level, Color bar chroma level measurement
Zoom Image	Support Analog camera and IP camera image zoom /move

Snapshot, Video record and playback	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 control	Support RS232/RS485 control, Baud 600-115200bps, Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, Lilin, Yaan, etc
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
Cable scan	Search the cable by the audio signal
PoE test	Measurement POE switch or PSE power supply voltage and cable connection status
Digital Multi-meter (optional)*	**AC/DC Voltage，AC/DC current、Resistance、Capacitance、Data hold、Relative measurement、Continuity testing . Testing speed: 3 times/ seconds，Data range -6600～+6600.**
Optical power meter (Optional)*	**Calibrated Wavelength(nm) ：850/1300/1310/1490/1550/1625nm** **Power range(dBm) ：-70～+10dBm**
Visual fault locator (optional)*	**Test fiber's bending and breakage (SM and MM fiber)**
TDR cable test (optional) *	**Cable length and short circuit measurement(BNC cable, Coaxial cable, Cat5/6, telephone cable)**
POWER	
External power supply	DC 12V 2A
Battery	Built-in 7.4V Lithium polymer battery ,6500mAh
Rechargeable	After charging 7~8 hours, normal working time 16 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