



IP camera Tester

IPCTEST-8600 Series (VII Generation)

7 inch capacitive touch screen, support 1080P/ ONVIF /SDI camera/Analog 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 /

Support more than 40 IP camera protocols test (Hikvision, Dahua, Honeywell, Samsung, Axis etc)

Five Optional functions: Model IPCTEST-8600+S+M+SM+MOV..... If add any follows function modules need pay the cost

Optional function1(S)	HD SDI image display
Optional function2(M)	Digital Multimeter
Optional function3(O)	Optical power meter
Optional function4(V)	Visual fault locator
Optional function5(T)	TDR cable test

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, 4 G SD card, 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. Support 1080P camera
6. **SDI camera test (*Optional)**

SDI digital video surveillance testing, support resolution as follows:

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

7. digital camera image test and video image zoom, record, screen snapshot, Photo viewer and playback
8. BNC input& output , both IP & Analog images could be zoomed in 1~4times and output



9. **ONVIF/WIFI ,ONVIF PTZ control ,,built in WIFI to receive the network image and data**
10. **FTP server , Static IP address, DHCP, simultaneously test different segment's IP cameras, Network bandwidth test**
11. OSD menu rotates in 180 angle NEW
12. Display real resolution of the IP camera images
13. Video screen snapshot ,video recording ,files named and save, easy to find
14. Support network PTZ controller (ONVIF)
15. **MPEG4,H.264,,MJPEG/MJPG IP camera image test**
16. Support 1080P HD video files and MKV/MP4 media files play
17. PTZ controller ,Photograph, Video record, Record playback
18. Video level meter, Video PEAK lever, SYNC level, COLOR BURST measurement **NEW**
19. **Optical Power Meter**, it can measure the optical power value and fiber loss ***(Optional)**
20. **Visual fault locator** , to test fiber's bending and breakage ***(Optional)**
21. **TDR cable test**, test cable length and short-circuit ***(Optional)**
22. **Digital Multi-meter**, Voltage, current, resistance and capacitance measuring, continuity testing, diode testing. **(Optional)**
23. Color bar generator, analog video color bar and testing image output NEW
24. POE voltage measurement, PING test ,IP address scan, port flashing etc
25. PoE DC48V power output, Max power 24W **NEW**
26. 12V /2A power output **NEW**
27. 5V 2A power output **NEW**
28. **HDMI output, 1920*1080P Resolution NEW**
29. Audio in /out
30. LED lamp, calculators, music players and other application tools
31. Support customers self update software
32. Lithium Ion Polymer Battery, working time lasts 16 hours

Specifications

“*”Sign means the function optional

Model	IPCTEST-8600 【T】 models optional
Display	7 inch Capacitive touch screen , resolution 800 (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 30fps /1080i 60fps
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
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
Video Signal Generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable.(red, green ,blue, white and black color)
color bar generator	Local side PC can login the tester, send the signal by network ,test network connection communication whether normal
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°C ----+50°C
Working Humidity	30%-90%
Dimension/Weight	231mm x 172mm x 52mm / 1.26Kg