

# IP camera Tester

## IPC3500 Series

3.5 inch capacitive touch screen, support 1080P/ ONVIF /SDI camera/Analog camera/ CVI camera /TVI camera/AHD camera test / WIFI /12V 1A Power output /PTZ control /Ping test/Link test/Cable tracer /Support add Video Management Software that compatible with mobile phone or tablet PC, install the Video Management Software in the tester/Support more than 80 IP camera protocols test (Hikvision, Dahua, Honeywell, Samsung, Axis etc)

3.5 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, as well as test Wireless IP ,Analog and SDI camera , 12V 1A power output for camera , 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.

### 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. 3.5 inch touch screen, 480\*320 resolution **NEW**
2. Capacitive touch screen ,OSD menu,
3. Touch screen and key operation
4. Support AHD/CVI/TVI camera test .snapshot ,video record and playback ,zoom, **NEW**
5. Built-in WIFI, wireless network camera test **NEW**
6. Support 1080P camera
7. 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

8. digital camera image test and video image zoom, record, screen snapshot, Photo viewer and playback
9. BNC input& output , both IP & Analog images could be zoomed in 1~4times and output
10. **ONVIF/WIFI ,ONVIF PTZ control ,,built in WIFI to receive the network image and data**
11. **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**
12. Video screen snapshot ,video recording ,files named and save, easy to find
13. Support network PTZ controller (ONVIF)
14. **MPEG4,H.264,,MJPEG/MJPG IP camera image test**
15. Support 1080P HD video files and MKV/MP4 media files play
16. PTZ controller ,Photograph, Video record, Record playback
17. Support genuine image display
18. **Video level meter**, Video PEAK lever, SYNC level, COLOR BURST measurement *Optional*
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
24. POE voltage measurement, PING test ,IP address scan, port flashing etc
25. Audio in /out
26. LED lamp, calculators, music players and other application tools
27. Support customers self update software
28. Lithium Ion Polymer Battery, working time lasts 8 hours

## Specification

“\*” Sign means the function optional

Model	IPC3500 <b>【*】</b> models optional
Display	3.5 inch Capacitive touch screen , resolution 4800 (RGB) x 320
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
TVI camera test*	Support resolution 720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps ,camera OSD menu control over coaxial cable
CVI camera test*	Support resolution 720p 25fps,30fps,50fps,60fps / 1080P 25fps,30fps , camera OSD menu control over coaxial cable
AHD camera test*	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 (optional)*	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
12V/1A power output	Output DC12V/1A power for camera
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
<b>Cable tracer *</b>	<b>Search the cable by the audio signal</b>
PoE test	Measurement POE switch or PSE power supply voltage and cable connection status
<b>Digital Multi-meter (optional)*</b>	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing . Testing speed: 3 times/ seconds, Data range -6600~+6600.
<b>Optical power meter (Optional)*</b>	Calibrated Wavelength(nm) : 850/1300/1310/1490/1550/1625nm Power range(dBm) : -70~+10dBm
<b>Visual fault locator (optional)*</b>	Test fiber's bending and breakage ( SM and MM fiber)
<b>TDR cable test(optional) *</b>	Cable length and short circuit measurement(BNC cable, Coaxial cable, Cat5/6, telephone cable)
<b>POWER</b>	
External power supply	DC 5V(1.5A)
Battery	Built-in 3.7V Lithium polymer battery ,3500mAh
Rechargeable	After charging3~4 hours, normal working time8hours
<b>Parameter</b>	
Operation setting	Capacitive touch screen, OSD menu. Chinese/English
Auto off	1-30 (mins)
<b>General</b>	
Working Temperature	-10℃----+50℃

Working Humidity	30%-90%
Dimension/Weight	194mm x 112mm x 48mm / 540g

**PS:**

**1. Optical power meter / Visual fault locator , only can choose one of them to add in the tester**

**2. TVI / CVI/AHD /SDI camera test/ TDR function ,only can choose one of them to add in the tester**