# WANGLU

#### IPC-5100 Plus series | 4K HD camera test

#### 5.4 inch ALL IN ONE CCTV Tester

- 5.4-inch IPS touch screen, 1920x1152 resolutions
- 8MP CVI/ TVI/ AHD camera test
- 8MP EX-SDI, HD-SDI, 3G-SDI test\*
- H.265/H.264, 4K video display via mainstream
- VGA input, support 1920 x 1200P 60FPS\*
- HDMI Input, support 4K 30FPS\*
- DC12V 3A, 48V PoE power output
- Rapid ONVIF, Create the test report and modify IP address, etc
- Auto HD, auto recognize HD coax camera type and resolution

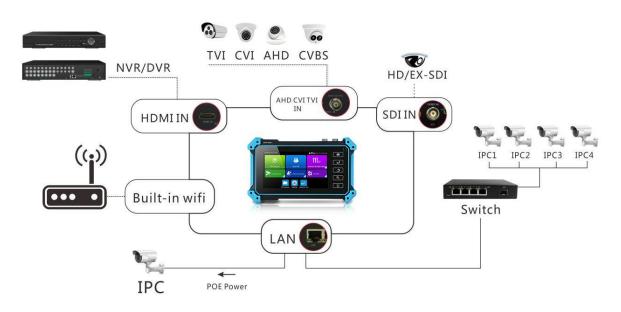




#### **Application**

The 5.4 inch IPS touch screen IP camera tester is designed for maintenance and installation of IP analog, HD coaxial cameras as well as other security equipment. The 1920\*1152 resolution enables it to display network HD cameras and analog cameras in high resolution. The unit supports many ONVIF PTZ and analog PTZ control, and cable test functions. 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.

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Dome camera, IP TVI CVI AHD SDI 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller



### **Features**

#### Camera test:

- 5.4 inch IPS touch screen, 1920\*1152 resolution
- H.265 & H.264 IP, 4K video display via mainstream
- Analog camera test, PTZ controller
- 8MP TVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD test, 3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP CVI test, 3840 x 2160P 12.5/15FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP EX-SDI test, 3840 x 2160P 25/30FPS,4xzoom, video record & playback, coaxial PTZ & call OSD menu\*
- HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu\*
- HDMI Input, up to 4K 30FPS, support snapshot, video record & playback\*
- Rapid ONVIF, Auto log in and display image, create testing report
- IPC test pro, auto scan all network segments IP, auto open PoE power and display the power. Input username and password, can scan camera image, can batch activate HIKVISION and Dahua cameras. Jump to ONVIF interface and test tools.
- AXIS, Hikvision camera test, enter ONVIF app, input username and password to test
- HIKVISION 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.
- Dahua test tool, support batch activate DAHUA cameras and modify IP address, user name and password. Self-defined modify channel name.
- IP and analog display image at the same time
- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- DC12V/3A power output, camera can be powered from DC 12 Voltage.
- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi 2.4GHz , 2412-2472Mhz < 20dBm</li>

## **Specification**

Display  New 5.4 inch IPS touch screen, 1920x1152 resolution  1 channel BNC input, NTSC/PAL (Auto adapt)  PTZ control, RS485 control, Baud 600-115200bps, compatible with more than 30 protocols such as PELO Samsung, Panasonic etc  IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK  Rapid Video  Auto view the video, create testing report  Support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.2t H.265 video, open wide dynamic mode. Factory restore, etc.  DAHUA test tool  DAHUA test tool  DAHUA test tool  Support batch activate DAHUA cameras and modify IP address, username password. Self-defined modify channel name.  8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu  8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu  8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu  8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu  1 channel VGA input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920×1080P /1920×1080I /720×20480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P		Item series	IPC-5100PLUS		
CVBS  PTZ control, RS485 control, Baud 600-11200bps, compatible with more than 30 protocols such as PELO Samsung, Panasonic etc  IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK  Rapid Video Auto view the video, create testing report  Support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.2t H.265 video, open wide dynamic mode. Factory restore, etc.  Support batch activate DAHUA cameras and modify IP address, username password. Self-defined modify channel name.  8MP TVI camera test, 3840 v. 2160P 12.5/15 Fps, UTC control / call OSD menu  8MP EV. Camera test, 3840 v. 2160P 15.5/15 Fps, UTC control / call OSD menu  8MP EV. Sol), HD-Spl, 36-50l, UTC control / call OSD menu  8MP EV. Sol), HD-Spl, 36-50l, UTC control / call OSD menu  8MP EV. Sol), HD-Spl, 36-50l, UTC control / call OSD menu  1 channel HDMI input*  1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 v. 2160/2K_2560 v. 1440P/  1920×1080P /1920×1080l /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P  /1440×900P, etc  1 channel VGA input, support 2048 v. 1152 60FPS. The resolution as follow: 2048 v. 1152P/ 1920 v. 1200P 60FPS/1360x768P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/11600x1200P/900P 60FPS/1400x9 60FPS/1020×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/11600x1200P/900P 60FPS/1400x9 60FPS/1020×1080P 60FPS/11280x1024/960/800/768/720P 60FPS/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/11280x1024/960/800/768/720P 60FPS/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/1020x1020P 60FPS/	LCD	Display	New 5.4 inch IPS touch screen, 1920x1152 resolution		
Samsung, Panasonic etc  IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK Rapid Video Auto view the video, create testing report  Support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.2t H.265 video, open wide dynamic mode. Factory restore, etc.  DAHUA test tool password. Self-defined modify channel name, can quickly change H.2t H.265 video, open wide dynamic mode. Factory restore, etc.  Support batch activate DAHUA cameras and modify IP address, username password. Self-defined modify channel name.  8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu 8MP AND test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu 9MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu 1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920x1080P /1920x1080i /720x480P /720x576P /1280x720P/1024x768P/1280x1024P /1280x900P /1440x900P, etc 1 channel HDMI input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1390x1080P 60FPS/1728x1344P 60FPS/1880x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x9 60FPS/3360x768P 60FPS/1280x1024/960/800/768/720P 60FPS/(1500x1200P/900P 60FPS)/1440x9 60FPS/3360x768P 60FPS/1280x1024/960/800/768/720P 60FPS/1152x870P 60FPS/1024x768P 60FPS/3360x768P 60FPS/1280x1024/960/800/768/720P 60FPS/1152x870P 60FPS/1024x768P 60FPS/3800x600P 60FPS/600x480P 60FPS.  Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back 0utput DC12V/3A power out, supply temporarily power for the camera PoE power output 48V P0E power output, max power 25.5W			1 channel BNC input, NTSC/	PAL (Auto adapt)	
P Discovery/Quick ONVIF/PC test /RTSP play /Client APK		CVBS	PTZ control, RS485 control,	Baud 600-115200bps, compatible with more than 30 protocols such as PELCO-D/P,	
Rapid Video   Auto view the video, create testing report					
Video Mode  HD Coaxial test *  **HD Coaxial test **  **HD Coaxial test **  **HD Coaxial test **  **HO Coaxial test **  **Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& play coaxial PTZ & call OSD menu  **In coaxial PTZ & call OSD men			1		
Video Mode  HD Coaxial test *  4K/H.265/H.264  HIKVISION test tool password etc. Self-defined modify channel name, can quickly change H.20			Rapid Video	Auto view the video, create testing report	
AK/H.265/H.264  HIKVISION test tool password etc. Self-defined modify channel name, can quickly change H.26 H.265 video, open wide dynamic mode. Factory restore, etc.  DAHUA test tool Support batch activate DAHUA cameras and modify IP address, username password. Self-defined modify channel name.  8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu  8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu  8MP AHD test, 3840 x 2160P 15.FPS, UTC control / call OSD menu  8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu *  Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& play coaxial PTZ & call OSD menu  1 channel HDMI input* upont 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/  1920×1080P /1920×1080P i720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/1920 x 1200P 60FPS/1360x768P 60FPS/1280x1024/960/800/768/720P 60FPS/1152×870P 60FPS/1024x768P 60FPS/600×480P 60FPS/1280x1024/960/800/768/720P 60FPS/1152×870P 60FPS/1024x768P 60FPS/600×480P 60FPS.  Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back  Power output 48V PoE power output, max power 25.5W			HIKVISION test tool	Support batch activate HIKVISION cameras and modify IP address, modify	
Video Mode  HD Coaxial test *  HD Coaxial PT2 Control / call OSD menu   In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Control / call OSD menu  In Coaxial PT2 Coaxial PT2 Coaxial PT2 Coaxial PT2 Coaxi				password etc. Self-defined modify channel name, can quickly change H.264 and	
DAHUA test tool   password. Self-defined modify channel name.				H.265 video, open wide dynamic mode. Factory restore, etc.	
Password. Self-defined modify channel name.   8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu				Support batch activate DAHUA cameras and modify IP address, username and	
Nideo Mode			DAHUA test tool	password. Self-defined modify channel name.	
HD Coaxial test *			8MP TVI camera test, 3840	x 2160P 12.5/15 FPS, UTC control/ call OSD menu	
### AHD test, 3840 x 2160P 15FPS, UTC control / call OSD menu  ### 8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu *  Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& play coaxial PTZ & call OSD menu  1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920×1080P /1920×1080i /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P  /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x9 60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image  4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back  12V/3A power  Output DC12V/3A power out, supply temporarily power for the camera  PoE power output  48V PoE power output, max power 25.5W	Video Mode		8MP CVI camera test, 3840	8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu	
### RAUTO HD -SDI, 3G-SDI, UTC control / call OSD menu *  Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& play coaxial PTZ & call OSD menu  1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920×1080P /1920×1080P /1920×1080P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x960PS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image	Video Mode	UD Cooxial tast *	8MP AHD test, 3840 x 2160P 15FPS, UTC control / call OSD menu		
Coaxial PTZ & call OSD menu		HD Coaxial test *	8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu *		
## 1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920×1080P /1920×1080i /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x90 60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back 12V/3A power Output DC12V/3A power out, supply temporarily power for the camera  PoE power output 48V PoE power output, max power 25.5W			Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& playback,		
HDMI input*  1920×1080P /1920×1080i /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P  /1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P  60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x9i  60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P  60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image  4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back  12V/3A power  Output DC12V/3A power out, supply temporarily power for the camera  PoE power output  48V PoE power output, max power 25.5W			coaxial PTZ & call OSD menu		
/1440×900P, etc  1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x96 60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back 12V/3A power Output DC12V/3A power out, supply temporarily power for the camera  PoE power output 48V PoE power output, max power 25.5W		HDMI input*	1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/		
1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P 60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x96 60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back 12V/3A power Output DC12V/3A power out, supply temporarily power for the camera PoE power output 48V PoE power output, max power 25.5W			1920×1080P /1920×1080i /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P		
VGA input*         60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x96           60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P           60FPS/800x600P 60FPS/600x480P 60FPS.           Zoom Image         4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back           12V/3A power         Output DC12V/3A power out, supply temporarily power for the camera           Power output         48V PoE power output, max power 25.5W			/1440×900P, etc		
VGA input*  60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P  60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image		VGA input*	1 channel VGA input, support 2048 x 1152 60FPS. The resolution as follow: 2048 x 1152P/ 1920 x 1200P		
60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS.  Zoom Image			60FPS/1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x900P		
Zoom Image 4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back  12V/3A power Output DC12V/3A power out, supply temporarily power for the camera  PoE power output 48V PoE power output, max power 25.5W			60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS)/1152x870P 60FPS/1024x768P		
Power output    12V/3A power			60FPS/800x600P 60FPS/600x480P 60FPS.		
Power output PoE power output 48V PoE power output, max power 25.5W		Zoom Image	4x zoom, to enlarge image, Screen snapshot, record, save, view and record and play back		
PoE power output 48V PoE power output, max power 25.5W	Power output	12V/3A power	Output DC12V/3A power out, supply temporarily power for the camera		
Wi-Fi Built in Wi-Fi 2.4GHz , 2412-2472Mhz < 20dBm		PoE power output	48V PoE power output, max power 25.5W		
	Wi-Fi	Built in Wi-Fi 2.4GHz , 2412-2472Mhz < 20dBm			
Audio test 1 channel audio signal input, test whether sound normal.	Audio test	1 channel audio signal input, test whether sound normal.			
Power management Display DC 12V input & output voltage and power in real time	Power management	Display DC 12V input & output voltage and power in real time			
Data monitor Captures and analyzes the command data from controlling device, also can send hexadecimal	Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal			
External power supply DC 12V 1A	External power supply	DC 12V 1A			
Battery Built-in Lithium ion battery	Battery	Built-in Lithium ion battery			

Rechargeable	After charging 3-4 hours, normal working time 5 hours		
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Deutsch, Turkish		
Operation setting	Portuguese, Czech etc		
Auto off	1-30 (mins)		
Working Temperature	-10℃+50℃		
Working Humidity	30%-90%		
Dimension/Weight	183mm x 110mm x 36.5mm / 0.8kg		

### Note: "\*" sign mean functions are customizable

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 kits

- 1) Tester
- 2) Network cable tester
- 3) Adaptor DC12V 1A
- 4) lithium ion battery
- 5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord
- 6) Wrist belt
- 7) Manual