

# IPC-5100 Plus



## IPC-5000 plus series tester model and function comparison table



IPC-5000 Plus

IPC-5100 Plus

IPC-5200 Plus

IPC-5100C Plus

IPC-5200C Plus

12 MP IP camera test	✓	✓	✓	✓	✓
CVBS video test	✓	✓	✓	✓	✓
8MP TVI 5.0 video test	✓	✓	✓	✓	✓
8MP CVI 4.0 video test	✓	✓	✓	✓	✓
8MP AHD 4.0 video test	✓	✓	✓	✓	✓
8MP SDI 2.0 video test	✗	✗	✓	✗	✓
HDMI input	✗	✓	✓	✓	✓
VGA input	✗	✓	✓	✓	✓
HDMI output	✓	✗	✗	✗	✗
Cable tracer	✗	✗	✗	✓	✓

✓ Supported ✗ Not Supported

## IPC-5100 Plus



## RJ45 CABLE TDR TEST

Test cable pair status, length, attenuation, reflectivity, impedance, skew etc. measurement range 180m



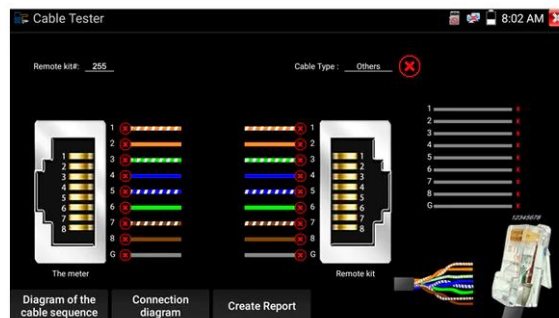
## Poe 48V / DC12V 3A Power output

Power output for PoE camera, and detect camera power at the same time



## UTP Cable test

UTP cable connectivity test, can save testing report. Can detect the near-end, mid-end and far-end fault point of the network cable crystal head.



# Application

## IPC-5100 Plus







## HDMI INPUT

The tester combined with HDMI Input interface, support up to 4K 30FPS resolution.



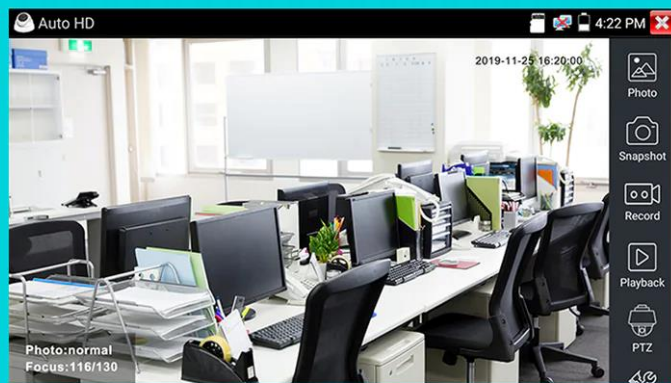


## POE 48V / DC12V 3A POWER OUTPUT

Power output for PoE camera, and detect camera power at the same time

## AUTO HD

Auto recognize HD coax camera type and resolution, support snapshot, video record & playback, coaxial PTZ & call OSD menu.



## APPLICATION UPDATE

Tester support Local update  
online update and APP management  
can update and install the apps  
by customers

# Parameters

Model	IPC-5100 Plus
Display	5 inch IPS touch screen, 1920x1080 resolution
12MP 4K  IP camera test	IP Discovery/Quick OVIF/IPC test /RTSP play /Client APK
	Rapid Video: Auto view the video, create testing report
	For HIKVISION test tool:  support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, open wide dynamic mode. Factory restore, etc.
	For DAHUA test tool:  support batch activate DAHUA cameras and modify IP address,username and password. Self-defined modify channel name.
HD Coaxial test	For Axis test tool amd others brand camera test:  After the tester connects to the network, install the dedicated test tool APP of the corresponding brand through online update. Brands that do not have a dedicated test APP can be tested through the test pro tool.
	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 camera test: 3840 x 2160P 15FPS, UTC control / call OSD menu
	SDI camera can't be supported
CVBS camera test	Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& playback, coaxial PTZ & call OSD menu
	1 channel BNC input, NTSC/PAL (Auto adapt)
HDMI	PTZ control, RS485 control, Baud 600-115200bps, compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc
	HDMI input: 1 ch 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
	HDMI output: N/A
VGA	1 ch VGA input, support 1920 x 1200P 60FPS. The resolution as follow: 1920 x 1200P 60FPS/ 1920×1080P 60FPS / 1792×1344P 60FPS / 1680x 1050P 60FPS / (1600x1200P/900P 60FPS) / 1440x900P 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
	Digital Cable tracer: N/A
	UTP cable test:  Test UTP cable connection status and display on the screen. Can detect the near-end, mid-end and far-end fault point of the network cable crystal head.
Cable test	RJ45 TDR cable test:  Test cable pair status, length, attenuation, reflectivity, impedance, skew, can create test report. measurement range 180M.
Tester Play	screen projection: Tester, mobile phone and PC display at the same time (only for android version mobile phone)
Network test	Trace route, Link monitor, DHCP server, port flashing, Ping test
Wi-Fi	Built in WIFI, speeds 150M, Only support 2.4GHz. display wireless camera image, create WIFI hotspot.
Audio test	1 channel audio signal input, test whether sound normal.
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal.
	Input: DC 12V/1A input
	DC output: DC12V/3A power output, supply temporarily power for the camera
Power	POE output: Standard IEEE802.3af/at PoE power output, DC48V, max 25.5W
Battery	Built-in 7.4V Lithium polymer battery, 3350mAh, 24.79W/h
Rechargeable	After charging 3-4 hours, normal working time 5-8 hours



OS	Android, Free to add APP (requires version support)
CPU	4core, 1.2GHz
RAM(DDR)	1GB
Flash(eMMC)	8GB
TF card slot	Suport up to 32GB, item not include TF card
Menu language	English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Deutsch, Turkish, Portuguese, Czech etc
Auto off	1 to 30 (mins)
Work Temperature	-10°C to +50°C (+14°F to +122°F)
Work Humidity	30% to 90%
Package includes	1xTester; 1xPower adapter; 1xCable test box; 1xPower output cable; 1xBNC video cable; 1xRS485 cable; 1xAudio Test cable; 1xTool box; 1xShoulder Strap; 1xWristband
Dimension	Package Dimension: 260x143x100mm(10.24x5.63x3.94inch) Tester:183x110x36.5mm(7.2x4.33x1.44inch)
Weight	Package weight:1.05kg(2.31lbs) Tester net weight: 0.4kg(0.88lb)