

GTTEST5UNI

5 inch ALL-IN- ONE CCTV Tester

8MP TVI, CVI, AHD, IP Analog PoE with 4K
HDMI in and VGA in and Cable Tracer



The 5 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*1080 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, TVI CVI AHD 4K H.265 IP camera testing
- . Video transmission channel testing
- . PTZ controller



1		Menu key
2		Confirm key
3		Return: Return or cancel while setting parameters of the menu
4		4xzoom the image display
5		LED light
6		The RS485 data transmission and received indicator, it lights red while the data is being transmitted or received.
7		The power indicator: it lights red while the tester is powered on by the adapter

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Main Feature

- 5-inch IPS touch screen, 1920x1080 resolutions
- HD BNC Input for AHD, HD-TVI, HD-CVI,
- H.264 / H.265 Video Formats Supported, 4K video display via mainstream
- 48V PoE (POE (25.5 Watt Max) for Powering PoE IP Cameras
- VGA input, support 1920 x 1200P 60FPS*
- HDMI Input, support 4K 30FPS*
- DC12V 3A , supply temperately power for camera
- Rapid ONVIF, Create test report and modify IP address, etc
- Auto HD, auto recognize HD coax camera type and resolution
- RJ45 TDR cable test, cable quality test
- UTP cable test, detect the near-end, mid-end and far-end fault point of the RJ45 cable plug
- Cable tracer ,quickly locate cable from the bundle cables

Camera test:

- 5 inch IPS touch screen, 1920*1080 resolutions
- H.265 & H .264 IP, 4K video display via mainstream, Supports Both Analog and IP PTZ Cameras
- 8MP TVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, snapshot, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD test, 3840x2160P 15 FPS, 4xzoom, snapshot, 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
- Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& playback, co-axial PTZ & call OSD menu.
- VGA input, support 1920 x 1200P 60FPS*
- HDMI Input, support 4K 30FPS*
- 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.
- For AXIS, Hikvision camera testing, enter ONVIF app, input user name and password to test
- HIK 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.
- DH test tool, support batch activate DAHUA cameras and modify IP address, user name and password. Self-defined modify channel name.
- Automatically Detects PAL or NTSC When Connected to a Camera
- 12V DC 3A Power Output for Powering Cameras (works with CCTV cameras and IP cameras)
- IP and analog display image at the same time
- PC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- CVBS camera test, PTZ controller
- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi, display image from the wireless camera, create WIFI hotspot

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Cable test:

- Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized. Can detect the near-end, mid-end and far-end fault point of the RJ45 cable plug
- RJ45 TDR cable test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc, can create test report.
- Cable tracer, secondary code digital mode, decisively rejects noise and false signals, locate cables quickly and easily

Other Functions:

- Network tool: Ping, IP scan, Port Flash, Built-in DHCP Server for IP cameras, Trace Route
- Tester Play: Tester, android version mobile phone and PC display at the same time
- Traffic monitoring, display network port or WIFI connection real-time upload and download speeds and other network parameters
- Customers self-update software, you can install apps with android version
- Media player, 4K video files and MKV/MP4 media files play
- Display its genuine resolution of the IP camera images
- Audio in, support record and save the audio/ LED lamp, calculators, music players and other application tools
- 7.4 V 3350mAh Li-ion Battery, after 3-4 hours charging, working time lasts 6 hours



HD Coaxial 4.0 Test

Snapshot ,video record and playback, zoom, camera OSD menu control over coaxial cable.



Resolution comparison table:

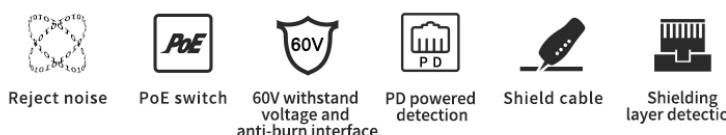
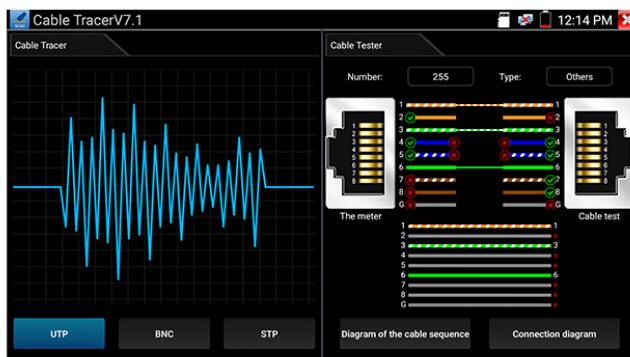
HD coaxial camera type/ Resolution	720P	1080P	3MP	4MP	5MP	4K(8MP)
CVI	1280 x 720P 25/30/50/60 FPS	1920 x 1080P 25/30 FPS	—	2560 x 1440P 25/30 FPS	—	3840 x 2160P 12.5/15 FPS
TVI	1280 x 720P 25/30/50/60 FPS	1920 x 1080P 25/30 FPS	2048 x 1536P 18/25/30 FPS	2560 x 1440P 15/25/30 FPS	2592 x 1944P 12.5/20 FPS	3840 x 2160P 12.5/15 FPS
AHD	1280 x 720P 25/30/50/60 FPS	1920 x 1080P 25/30 FPS	2048 x 1536P 18/25/30 FPS	2560 x 1440P 15/25/30 FPS	2592 x 1944P 12.5/20 FPS	3840 x 2160P 15 FPS

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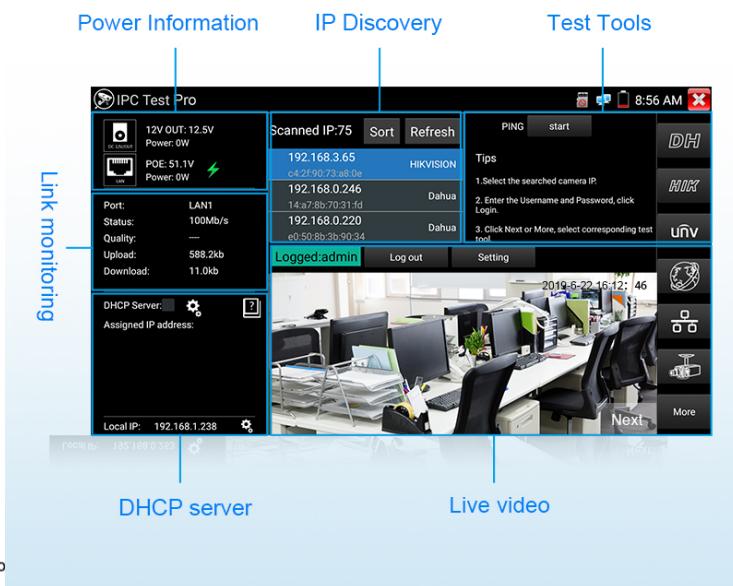
Cable Tracer (Optional)

Cable tracer and UTP cable test app in the same interface. Can search network cable, BNC cable and shielded cable, decisively rejects noise and false signals. Locate cables quickly and easily.



IPC Test Pro

Integrated IP camera test, PoE and camera test tool function in one app, can view the network information, the power and voltage of PoE and DC 12V, also can go to ONVIF function and test tool functions.



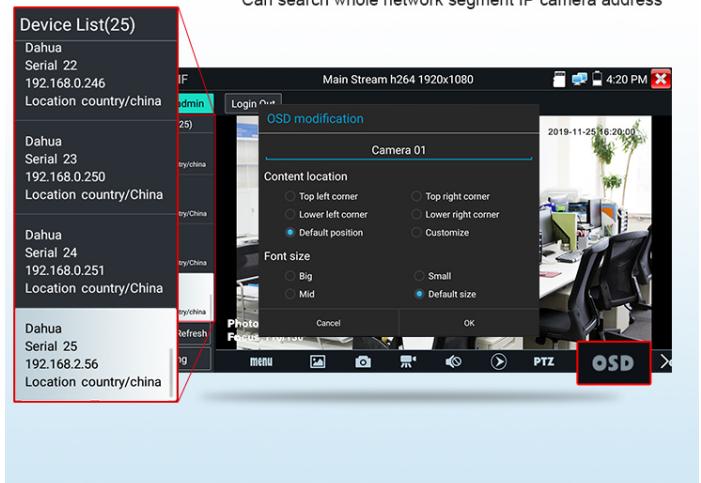
IP Discovery

Auto-scan the whole network segment IP, as well as auto-modify the tester's IP to the same network segment with the scanned camera's IP.



Rapid ONVIF

4K camera test via mainstream, support 12MP IP camera test
OSD menu, can modify channel name.
Can search whole network segment IP camera address



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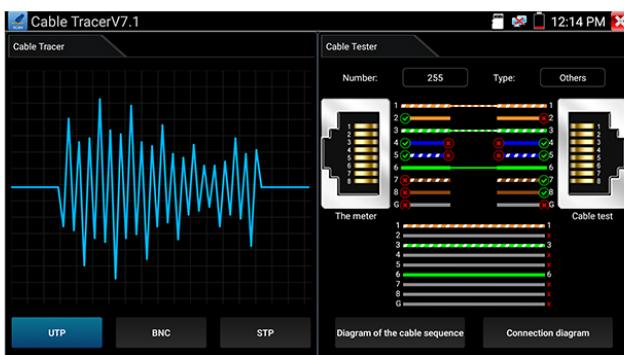
RJ45 cable TDR test

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



Cable Tracer (Optional)

Cable tracer and UTP cable test app in the same interface. Can search network cable, BNC cable and shielded cable, decisively rejects noise and false signals. Locate cables quickly and easily.

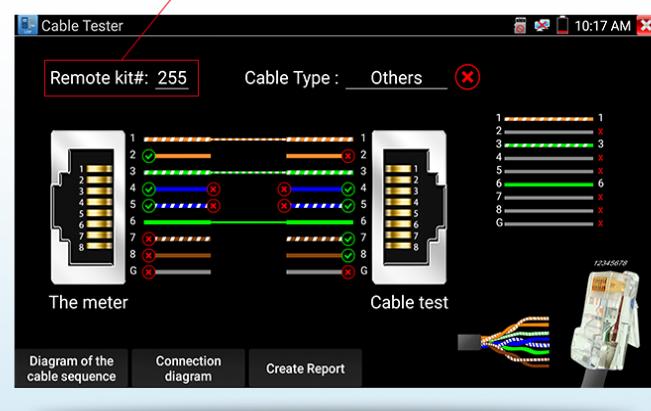


Advanced UTP cable test

UTP cable, BNC cable, telephone cable and shield cable etc sequence and continuity test, can save testing report. Can detect the near-end, mid-end and far-end fault point of RJ45 cable connector.

Remote kit#: 255

Can be used with different number of cable tester,as line splitter



Reject noise



PoE switch



60V withstand voltage and anti-burn interface



PD powered detection



Shield cable



Shielding layer detection

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Model	GTTEST5UNI	
Display	New 5 inch IPS touch screen, 1920x1080 resolution	
CVBS	<p>1 channel BNC input, NTSC/PAL (Auto adapt)</p> <p>PTZ control, RS485 control, Baud 600-115200bps, compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc</p>	
Video Mode		
IP camera test	IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK	
4k/H.265/H.264	Rapid Video	Auto view the video, create testing report
	HIK 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
	D H test tool	Support batch activate DAHUA cameras and modify IP address,username and password. Self-defined modify channel name.
HD Coaxial test *	<p>8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu</p> <p>8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu</p> <p>8MP AHD test, 3840 x 2160P 15FPS, UTC control / call OSD menu</p> <p>Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record& playback, coaxial PTZ & call OSD menu</p>	
HDMI input*	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	
VGA input*	1 channel VGA input, support 1920 x 1200P 60FPS. The resolution as follow: 1920 x 1200P 60FPS/1920x1080P 60FPS /1792x1344P 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	
Power output		
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	
Cable test		
Digital Cable tracer *	Search BNC cable, network cable and telephone cable from the mess cables. Cable search and UTP cable can test at the same time	
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.	
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 (For android version mobile phone)	
Network test	Trace route, Link monitor, DHCP server, port flashing, Ping test	
Wi-Fi	Built in WIFI, speeds 150M, display wireless camera image	
Audio test	1 channel audio signal input, test whether sound normal.	
Power management	Display DC 12V input & output voltage and power in real time	

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Model	GTTEST5UNI
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal
External power supply	DC 12V 1A
Battery	Built-in 7.4V Li-ion battery, 3350mAh
Rechargeable	After charging 3-4 hours, normal working time 6 hours
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Deutsch, Turkish Portuguese, Czech etc
Auto off	1-30 (mins)
Working Temperature	-10 degree Celsius --- +50 degree Celsius
Working Humidity	30%-90%
Dimension/Weight	183mm x 110mm x 36.5mm /0.32kg

PACKING LIST

- 1) Tester
- 2) Network cable tester
- 3) Adaptor DC12V1A
- 4) Li-ion battery (7.4V /3350mAh)
- 5) Tool bag / DC Power cable/ BNC cable/ RS485 cable/ Audio cable/ wrist belt/Safety cord

