



### TI-HT9643 series

- 4.3 inch IPS touch screen, 960\*540 resolution
- 8MP TVI, 5MP AHD, 8MP CVI & 1080PSDI/EX-SDI test
- H.265/H.264, 4K video display via mainstream
- Dual window test, IP & Analog camera test
- Built in WIFI, create WIFI hotspot
- Support 1080p HDMI input/output
- IP discovery, shortcut button, drop-down menu
- DC12V 2A, DC48V PoE power output
- Rapid ONVIF, auto view video and create testing report
- Quick office(excel, word, PPT format) doc.
- RJ45 cable TDR test, cable quality test
- UTP cable tester
- TesterPlay: Tester, android version mobile phone, PC display at the same time

### Appication

- 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

### Feature

1. **New** -4.3 inch IPS touch screen,960\*540 resolution
2. **New**- **H.264 and H.265,4K video display via mainstream**
3. **New**- **8MP TVI test,2560x1944P 12.5FPS**,4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
4. **5MP AHD test**, 2560x1440P 15F/25F/30F,4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
5. **8MP CVI test**,2560x1440P 25F/30F, 4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
6. **HD SDI/EX-SDI camera test, support 1080P 50/60 FPS**
7. IP & CVBS camera test, PTZ controller
8. **New**- **Rapid video, just by one key to detect all network cameras and auto display**
9. **Rapid ONVIF**, auto log in and display image from the camera, activate Hikvision camera, and also can create testing report
10. **New**- **IP and analog testing at the same time**, converter test from analog to digital with dual test window IP & CVBS
11. **New**- **Screen management, change function's icons order, create new directory**
12. **New**- **Shortcut button, drop-down menu**, can select PoE power, IP setting, WLAN switch, HDMI IN functions etc in any interface
13. **Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized**
14. **New**- **RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc**

15. **TesterPlay (screen projection) : tester, android version mobile phone and PC display at the same time**
16. **New- Screen lock**, password lock and pattern lock are optional
17. **New- HDMI signal input**, 720×480p / 720×576p / 1280×720p / 1920×1080p / 1024×768p / 1280×1024p / 1280×900p / 1440×900p display image ,record and snapshot
18. HDMI output ,support 1080P
19. **New- CVBS loop test** , the tester send and receive color bar generator signal ,to check BNC cable
20. **New- Traffic monitoring** of the tester "LAN port", display network port or WIFI connection real-time upload and download speeds and other network parameters
21. **New- Customers self update software ,you can install apps with android version ,such as Skype, wechat etc**
22. ONVIF camera test, support 4K/h.265/h.264, Network PTZ controller (ONVIF)
23. Built in Wi-Fi ,display image from the wireless camera , **create WIFI hotspot**
24. **New- 4K video files and MKV/MP4 media files play**
25. PoE DC48V power output, Max power 24W, 12V /2A power output/5V 2A power output, as a power bank
26. **New- Quick office**, quick office app ( support excel ,word ,ppt format ) doc. editable
27. 8GB SD card including
28. IP discovery, it can auto-scan the whole network segment IP, and auto-modify tester's IP address
29. Display its genuine resolution of the IP camera images
30. PTZ control supports more than 30 protocols such as PELCO-P, PELCO-D, and SAMSUNG
31. Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator
32. POE voltage measurement, PING test ,IP address scan, port flashing etc
33. Audio in /out , support record and save the audio/LED lamp, calculators, music players and other application tools
34. 7.4 V /5000mAh Lithium Ion Polymer Battery, after 5~6 hours charging , working time lasts 10 hours

### Specification

LCD	Item series	TI-HT9843 series		
	Display	New 4.3 inch IPS touch screen ,960*540 resolution		
Video Mode	CVBS	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)		
		Analog video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement*		
		PTZ control,RS485 control, Baud 600-115200bps,compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc		
		CVBS loop test	the tester send and receive color bar generator signal , check BNC cable	
	IP camera test 4k/H.265/H.264	IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK		
		Rapid Video	Auto view the video, create testing report	
		Hik test tool	pressing just one key to activate hikvision camera , Image test, can modify the user name, password and IP parameters	
		Dahua test tool	Dahua camera test, modify the user name, password and IP parameters	
	IP & CVBS test	IP & CVBS test at the same time ,converter test from analog to digital with dual test window		
	Coaxial HD test	8MP TVI camera test, UTC control/ call OSD menu		
		5MP AHD camera test, UTC control d call OSD menu		
		8MP CVI test UTC control d call OSD menu		
HD SDI/EX-SDI camera test ,support 1080P 50/60 FPS				
HDMI input	1 channel HDMI input, support 1080P			
Zoom Image	4x zoom, to enlarge image, Screen snapshot, record ,save ,view and record and play back			

<b>Analog Video out</b>	color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable
HDMI output	1 channel HDMI output, support 1920*1080P	
<b>Power output</b>	12V/2A power	Output DC12V/2A power out ,supply temporarily power for the camera
	PoE power output	48V PoE power output, max power 24W
	5V/2A power output	USB 5V 2A power output, as a power bank
<b>Cable test</b>	TDR cable test	BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1.2KM
	Cable tracer	search BNC cable, network cable and telephone cable from the mess cables
	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen
	RJ45 cable TDR test	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc. measurement range 180M.
<b>TesterPlay</b>	<b>Screen projection: tester, mobile phone and PC display at the same time (For android version mobile phone)</b>	
Network test	Trace route, Link monitor , DHCP server, port flashing , Ping test	
Wi-Fi	Built in WIFI,speeds150M,display wireless camera image	
Audio test	1 channel audio signal input, test whether sound normal, 1 channel audio signal, to connect headphone	
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal	
PoE test	Measurement POE switch or PSE power supply voltage and cable connection status	
<b>Drop-down menu</b>	You can select PoE power switch ,IP setting, WLAN switch , HDMI IN functions etc in any interface	
External power supply	DC 12V 2A	
Battery	Built-in 7.4V Lithium polymer battery ,5000mAh	
Rechargeable	After charging 5~6 hours, normal working time 10 hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese etc	
Auto off	1-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	215mm x 127mm x 53mm / 0.82kg	
<b>Below are optional functions (If add any functions into tester, you need pay addition cost)</b>		
<b>Digital Multimeter</b> :DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, Capacitance measurement		
<b>Optical power meter</b> , Wavelength: 1625,1550nm,1490nm,1310nm,1300nm,850nm, measurement range , -70 ~ +10 dBm, for optical power testing and Fiber link loss relative measurement		
<b>Visual fault locator</b> :10mW visual fault locator with 650nm wavelength can emit red laser sources to test multi-mode and single mode fiber's bending and breakage, test range 10KM		
<b>TDR cable test</b> : BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1.2KM		
<b>TVI camera test: 8MP TVI camera test</b> UTC control/ call OSD menu		
<b>AHD camera test: 5MP TVI camera test</b> , UTC control/ call OSD menu		
<b>CVI camera test : 8MP CVI camera test</b> ,UTC control d call OSD menu		
<b>HD SDI/EX-SDI camera test ,support 1080P 50/60 FPS</b>		
<b>Video level meter</b> :PEAK ,SYNC signal level, color burst chroma level measurement		
<b>Cable tracer</b> :search BNC cable, network cable and telephone cable from the mess cable		

Note : The above data is for reference only, subject to change without prior notice.