Multi-functions CCTV tester

Model : ON-TMX9-S (with SDI)

◆ 8 inch Retina touch screen, 2048*1536 resolution

◆ H.265/H.264, 4K video display via mainstream

◆ Built in WIFI, create WIFI hotspot

◆ HD Coaxial video signal quality and level meter test

◆ DC12V 3A, DC48V PoE power output

◆ 4 channels Rapid ONVIF, auto view video, and create testing report

◆ Anti-sunlight board, help shade the eyes of engineers from the glare of sunlight.

◆ Tester Play, tester, android version mobile phone and PC display at the same time

◆ 8MP TVI, 8MP CVI, 8MP AHD and SDI/EX-SDI test

◆ Dual window test, IP &Analog camera test

◆ HDMI input and 4K output

◆ RJ45 cable TDR test, cable quality test

◆ HD coaxial video signal quality and level meter test

The 8 inch retina touch screen IP camera tester is designed for maintenance and installation of IP analog, HD coaxial cameras as well as other security equipment. The 2048x1536 resolution enables it to display network HD cameras and analog cameras in high resolution. The unit supports many ONVIF PTZ and analog PTZ control. Additional, it with other functions TDR cable test, Digital multi-meter, UTP cable test and cable scan etc. 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.

Application

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

Features

1. **New -8 inch retina touch screen, 2048*1536 resolution**

2. **New- H.264 & H .265, 4K video display via mainstream**

3. **8MP TVI test,3840 x 2160P 12.5/15 FPS,4xzoom ,video record &playback ,coaxial PTZ control & call OSD menu***

4. **8MP AHD test, 3840x2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu***

5. **8MP CVI test, 3840 x 2160P 12.5/15FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu***

6. **8MP EX-SDI test, 3840 x 2160P 25/30FPS,4xzoom, video record& playback, coaxial PTZ & call OSD menu ***

7. **HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu ***

8. **3G-SDI test, 1920 x 1080P 50/60 FPS, 4xzoom, video record& playback, coaxial PTZ & call OSD menu ***

9. **IP & CVBS camera test, PTZ controller**

10. **New- Rapid video, just by one key to detect all network cameras and auto display**

11. **Tester Play (screen projection): tester, mobile phone and PC display at the same time (For android version mobile phone)**

12. **Rapid ONVIF,** auto log in and display image from the camera, activate Hikvision camera, and also can create testing report

13. **New- IP and analog testing at the same time ,**converter test from analog to digital with dual test window IP & CVBS

14. **New- In HDMI in mode, It can converter test from analog to digital with dual test window IP & HDMI in or Analog & HDMI in**

15. **New- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc**

16. Cable tracer, search BNC cable, network cable and telephone cable from the mess cables

17. **Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need to customize**

18. **New- Shortcut button, drop-down menu** , can select PoE power, IP setting, WLAN switch, HDMI IN functions etc in any interface

19. **New- Screen lock,** password lock and pattern lock are optional

20. **New- HDMI out**, support 4K

21. NEW- Anti-sunlight board,help shade the eyes of engineers from the glare of sunlight.

22. **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

23. **New- CVBS loop test,** the tester send and receive color bar generator signal, to check BNC cable

24. **New- Traffic monitoring** of the tester "LAN port", display network port or WIFI connection real-time upload and download speeds and other network parameters

25. **New- Customers self update software, you can install apps with android version, such as Skype, wechat etc**

26. ONVIF camera test, support 4K, Network PTZ controller (ONVIF)

27. Built in Wi-Fi, display image from the wireless camera, **create WIFI hotspot**

28. **New- 4K video files and MKV/MP4 media files play**

29. PoE DC48V power output, Max power 24W,12V /3A power output/5V 2A power output, as a power bank

30. **New- Quick office,** quick office app (support excel, word, ppt format) doc. editable

31. 8GB SD card including

32. IP discovery, it can auto-scan the whole network segment IP, and auto-modify tester's IP address

33. Supports more than 30 protocols such as PELCO-P, PELCO-D, and SAMSUNG

34. Video level meter, Video PEAK lever, SYNC level, COLOR BURST measurement

35. Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator

36. POE voltage measurement, PING test, IP address scan, port flashing etc

37. Audio in /out, support record and save the audio/LED lamp, calculators, music players and other application tools

38. 7.4 V /7000mAh Lithium Ion Polymer Battery, after 6-7 hours charging, working time lasts 16 hours

Specifications

LCD	Item series	ON-TMX9-S	
	Size & Display resolution	New 8 inch touch screen with retina display, 2048*1536 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	IPC test /IPC viewer /Rapid Video/RTSP /ONVIF	
		Rapid Video	can 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 test,3840 x 2160P 15 FPS, UTC control&call OSD menu***	

		8MP CVI test, 3840 x 2160P 12.5/15 FPS, UTC control & call OSD menu*
		8MP AHD test,3840 x 2160P 15FPS, UTC control & call OSD menu*
		8MP EX-SDI, HD-SDI, 3G-SDI, UTC control & call OSD menu
	HDMI input	1 channel HDMI input,support1080P
	Zoom Image	4x zoom, to enlarge image, Screen snapshot, record ,save ,view and record and play back
Analog Video out	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	
Power output	12V/3A power output	Output DC12V/3A 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
Cable test	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(Built-in cable TDR test port, only for network cable)
	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**
Tester Play	**screen projection: tester, android version mobile phone and PC display at the same time**	
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	
Drop-down menu	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, 7000mAh	
Rechargeable	After charging 6-7 hours, normal working time 16 hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish etc	
Auto off	1-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	264mm x 182mm x 43mm / 1Kg	