

Multi-functions CCTV tester **New**

Model : ON-TMX4-S (with SDI)

- ◆ 4 inch IPS touch screen, 800*480 resolution
- ◆ H.265/H.264, 4K video display via mainstream
- ◆ Built in WIFI, create WIFI hotspot
- ◆ RJ45 cable TDR test, cable quality test
- ◆ Rapid ONVIF, auto view video and create testing report
- ◆ Backlight key design, convenient for operate in the dark.
- ◆ Tester Play: Tester, android version mobile phone, PC display at the same time
- ◆ 8MP TVI, 8MP CVI, 5MP AHD & SDI/EX-SDI test
- ◆ Dual window test, IP & Analog camera test
- ◆ HDMI input, support 1080p
- ◆ UTP cable tester
- ◆ DC12V 2A, DC48V PoE power output
- ◆ HD coaxial video signal quality and level meter test

The 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 800*480 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, IP TVI CVI AHD SDI 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller

Features

1. 4 inch IPS touch screen, 800*480 resolution
2. **New-** H.264 and H.265, 4K video display via mainstream
3. **New-** 8MP TVI test, 3840 x 2160P 15 FPS, 4x zoom, video record and playback, coaxial PTZ control and call camera OSD menu *
4. **5MP AHD test**, 2560x1944P 12.5F/20F, 4x zoom, video record and playback, coaxial PTZ control and call camera OSD menu *
5. **8MP CVI test**, 3840 x 2160P 12.5/15 FPS, 4x zoom, 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, CVBS, LAN info, 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. **New-** CVBS loop test , the tester send and receive color bar generator signal ,to check BNC cable
19. **New-** Traffic monitoring of the tester "LAN port", display network port or WIFI connection real-time upload and download speeds and other network parameters
20. **New-** Customers self update software ,you can install apps with android version ,such as Skype, wechat etc
21. ONVIF camera test, support 4K/h.265/h.264, Network PTZ controller (ONVIF)
22. Built in Wi-Fi ,display image from the wireless camera , create WIFI hotspot
23. **New-** 4K video files and MKV/MP4 media files play
24. PoE DC48V power output, Max power 24W,12V /2A power output, as a power bank
25. New- Quick office, quick office app (support excel ,word ,ppt format) doc. editable
26. 8GB SD card including
27. IP discovery, it can auto-scan the whole network segment IP, and auto-modify tester's IP address
28. Display its genuine resolution of the IP camera images
29. PTZ control supports more than 30 protocols such as PELCO-P, PELCO-D, and SAMSUNG
30. Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator
31. POE voltage measurement, PING test ,IP address scan, port flashing etc
32. Audio in , support record and save the audio/LED lamp, calculators, music players and other application tools
33. 7.4 V /4000mAh Lithium Ion Polymer Battery, after 3~4 hours charging , working time lasts 9 hours

Specifications

LCD	Item series	ON-TMX4-S	
	Display	New 4 inch IPS touch screen , 800*480 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, 3840 x 2160P 15 FPS, UTC control/ call OSD menu *	
8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control d call OSD menu *			
5MP AHD test, 2560x1944P 12.5F/20F, 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		
Analog Video out	color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable	
	12V/2A power	Output DC12V/2A power out, supply temporarily power for the camera	

Power output	PoE power output	48V PoE power output, max power 24W
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 *
	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.
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, 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, CVBS, LAN info, HDMI IN functions etc in any interface	
External power supply	DC 12V 2A	
Battery	Built-in 7.4V Lithium polymer battery , 4000mAh	
Rechargeable	After charging 3~4 hours, normal working time 9 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	204mm x 123mm x 38mm / 0.6kg	
A	5MP AHD test: 2560x1944P 12.5F/20F , UTC control/ call OSD menu	
H	8MP TVI camera test: 3840 x 2160P 15 FPS , UTC control/ call OSD menu	
D	8MP CVI camera test: 3840 x 2160P 12.5/15 FPS ,UTC control d call OSD menu	
S	HD SDI/EX-SDI camera test: support 1080P 50/60 FPS	
L	Video level meter: PEAK ,SYNC signal level, color burst chroma level measurement	
C	Cable tracer: 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.