Multi-functions CCTV tester

Model : ON-TM9800S-S (with SDI)

- ◆ 7 inch IPS touch screen, 1280*800 resolution
- ◆ H.265/H.264, 4K video display via mainstream
- ◆ Built in WIFI, create WIFI hotspot
- ◆ IP discovery , shortcut button, drop-down menu
- ◆ Rapid ONVIF, auto view video and create testing report
- ◆ RJ45 cable TDR test, cable quality test
- ◆ Tester Play: Tester, android version mobile phone, PC display at the same time
- ◆ DC 24V power output
- ◆ Dual Gigabit Ethernet ports
- ◆ WIFI Analyzer
- ◆ NET TOOL PRO

- ◆ 8MP TVI,8MP CVI,8MP AHD,HD-SDI/EX-SDI camera test
- ◆ Dual window test, IP &Analog camera test
- ◆ HDMI input support 4K ; output support1080p
- ◆ DC12V 3A, DC48V PoE power output
- ◆ Quick office(excel ,word ,PPT format) doc.
- ◆ UTP cable tester

The 7 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 1280x800 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 RJ45 TDR cable test and UTP cable test 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 4K H.265 camera testing
- • Video transmission channel testing
- • PTZ controller

Features

1. 7 inch IPS touch screen,1280*800 resolution
2. **H.264 and H .265 ,4K video display via mainstream**
3. **8MP TVI test,3840 x 2160P 15 fps,4xzoom ,video record &playback ,coaxial PTZ control & call OSD menu**
4. **8MP AHD test, 3840 x 2160P 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. **HDMI signal input,** support 4K 3840x2160P 30fps, 1920x1080P/50/60fps, 1920x1080I/25/30/50/60fps, 1280x720P/25/30/50/60fps, 720x480P/60fps720x576P/60fps 1280x1024P/60fps, display image ,record and snapshot
10. IP & CVBS camera test, PTZ controller
11. **Rapid video, just by one key to detect all network cameras and auto display**
12. **Rapid ONVIF,** auto log in and display image from the camera, activate Hikvision camera, and also can create testing report
13. **IP and analog testing at the same time ,** converter test from analog to digital with dual test window IP & CVBS
14. **Screen management, change function's icons order, create new directory**
15. **Shortcut button, drop-down menu,** can select PoE power, IP setting, WLAN switch, HDMI IN functions etc in any interface
16. **Improvement cable tester: UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized**

17. **RJ45 cable TDR test,** test cable pair status, length, attenuation, reflectivity, impedance, skew etc

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

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

20. HDMI output ,support 1080P

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

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

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

24. ONVIF camera test, support 2592*1520, Network PTZ controller (ONVIF), and updated : add ONVIF PTZ/Hik

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

26. **4K video files and MKV/MP4 media files play**

27. PoE DC48V power output, Max power 24W,12V /3A power output/5V 2A power output, DC24V output as a power bank

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

29. 8GB SD card including

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

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 /7500mAh Lithium Ion Polymer Battery, after 5~6 hours charging , working time lasts 16 hours (upgrade)

Specifications

LCD	Item	ON-TM9800S-S	
	Display	New 7 inch IPS touch screen ,1280*800 resolution	
Video Mode	**CVBS**	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)	
		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 ONVIF	Auto view the video, create ONVIF testing report
		Hik test tool	By 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 15FPS, UTC control/call OSD menu	
		Upgraded "TVI "and "AUTO HD "app, support "Play Audio from TVI5.0 camera"	
		8MP CVI camera test, 3840 x 2160P 12.5F/15F,UTC control/call OSD menu	
		8MP AHD camera test, 2560x1944P 15FPS, UTC control/call OSD menu	
		8MP EX-SDI, HD-SDI, 3G-SDI, UTC control & call OSD menu	
	HDMI input	1 channel HDMI input, support 4K 3840x2160P 30fps, 1920x1080P/50/60fps, 1920x1080I/25/30/50/60fps, 1280x720P/25/30/50/60fps, 720x480P/60fps720x576P/60fps 1280x1024P/60fps, 1024x768P/60fps, 800x600P/60fps,	

	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	
	12V/3Apower	Output DC12V/3A power out ,supply temporarily power for the camera
Power output	PoE power output	48V PoE power output, max power 24W
	5V/2A power output	USB 5V 2A power output, as a power bank
	DC 24V power output	DC 24V power supply output with short circuit protection, can supply power to 24V camera
Cable test	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen
	RJ45 TDR test	**Test cable pair status, length, attenuation, reflectivity, impedance, skew etc**
	Dual Gigabit Ethernet ports	Dual 1Gbps LAN ports, it can check network bandwidth ,packet loss or error data
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	
WiFi analyzer	Detect the surrounding Wi-Fi signal and signal strength	
NET TOOL PRO	NET TOOL PRO-Cable Test, Wireless Tool, Link Tool, Full Duplex Detection, PING, IP Scan, DHCP Server, PPPOE, OUI Search, Socket Tool, DNS, LLLDP	
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 ,7500mAh	
Rechargeable	After charging 5~6 hours, normal working time 16 hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese etc	
Auto off	5-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	240mm x 154mm x 46mm / 620g	

The data above is only for reference and any change of them will not be informed in advance. For more detailed technical inquiries, please feel free to contact us.