

Networking and CCTV Tester

Multi Function tester (POE/HDMI/Network/CCTV/IP Scan/ONVIF/4K)



FEATURE

- 8 inch retina touch screen, 2048*1536 resolutions
- H.265 & H.264 IP, 4K video display via mainstream
- 8MP TVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu *
- 8MP AHD test, 3840x2160P 15 FPS, 4xzoom, 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 *
- 8MP EX-SDI test, 3840 x 2160P 25/30FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu *
- HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu *
- 3G-SDI test, 1920 x 1080P 50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu *
- 4 channel ONVIF video simultaneous display, 4 channel display max support 1080P, single channel display max support 4K
- Rapid ONVIF, Auto log in and display image, create testing report
- Chrome browser, test and set Axis camera
- AXIS, Hikvision camera test, enter ONVIF app, input username and password to test
- CVBS camera test and PTZ control
- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- Video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement
- DC12V/3A power output, camera can be powered from DC 12V voltage
- 48V PoE power output power
- 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
- CVBS loop test, the tester send and receive color bar generator signal, to check BNC cable
- Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator



Other functions

- Network tool: Ping, IP scan, Port Flash, DHCP server, Trace Route
- POE & power information, DC12V & PoE power and voltage output /input measurement
- Tester Play: Tester, android version mobile phone and PC display at the same time
- Shortcut button, drop-down menu, can select PoE power, IP setting, CVBS, LAN info, HDMI IN etc
- HDMI input, 720x480p / 720x576p / 1280x720p / 1920x1080p / 1024x768p / 1280x1024p / 1280x900p / 1440x900p display, record and snapshot
- Traffic monitoring, display network port or WIFI connection real-time upload and download speeds and other network parameters
- Self-update software, you can install apps with android version
- Media player, 4K video files and MKV/MP4 media files play
- Quick office, quick office app (support excel, word, ppt format) doc. editable
- 8GB SD card including
- 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 / 7000mAh Lithium Ion Polymer Battery, after 6~7 hours charging, working time lasts 13 hours

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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
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc
- Cable tracer, search BNC cable, network cable and telephone cable from the mess cables
- TDR cable test: BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable' s length and short

Application

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

Specifications

LCD	Item series	TT-MFT-X9
	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	
	12V/3A power output	Output DC12V/3A power out ,supply temporarily power for the camera
Power output	PoE power output	48V PoE power output, max power 25.5W
	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

TesterPlay	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 13 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°C---+50°C
Working Humidity	30%-90%
Dimension/Weight	264mm x 182mm x 43mm / 1Kg
Below functions are customizable, MOQ is 50pcs (If add any below function into tester, you need pay addition cost),full model is X9-MOVTADHS	
M*	Digital Multimeter :DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, Capacitance measurement
O*	Optical power meter, Wavelength : 1625,1550nm,1490nm,1310nm,1300nm,850nm, measurement range , -70 ~ +10 dBm, for optical power testing and Fiber link loss relative measurement
V*	Visual fault locator :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
T*	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
ADH*	8MP CVI/ TVI/ AHD camera test
ADHS*	8MP CVI/ TVI/ AHD, 8MP EX-SDI, HD-SDI, 3G-SDI camera test

ORDER INFORMATION

PRODUCT	PART NUMBER
Multi Function tester (POE/HDMI/Network/CCTV/IP Scan/ONVIP/4K)	TT-MFT-X9