

7 inch IP Camera Tester M-IPC-750G

Applications:

- Cvbs camera test
- IP camera test, support onvif, 4K, 8K, H.264 and H.265
- 8MP CVI, 8MP TVI, 8MP AHD camera test, support CVI 5.0 Audio test
- 8MP EX-SDI, HD-SDI, 3G-SDI
- Cable tracer app with toner wand
- DC12V 3A, DC24V 2A and 48V / 25.5W PoE power output
- HDMI Input support 4K 30FPS, HDMI output support 4K 60FPS, VGA input
- TDR cable open circuit and short circuit measurement
- Digital Multimeter, Optical power meter and Visual fault locator
- Video level meter for analog camera, TVI camera, CVI camera, AHD camera
- One Gigabit SFP optical fiber module port for optical fiber network testing
- Laser distance meter, measurement range 100m, accuracy±3mm
- Built-in camera, support camera Lens focal distance test



Features:

Camera Test:

- 7 inch IPS touch screen, 1280*800 resolution
- 8K H.265 video display via mainstream
- Support CVI 5.0 audio test
- CVI 5.0 test, 3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP HD-TVI test, 3840 x 2160, 15 FPS, 4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
- 8MP AHD test, 3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP HD-CVI test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP EX-SDI test, 3840 x 2160P 25/30 FPS, 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
- Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record & playback, coaxial PTZ & call OSD menu.
- Rapid Onvif, Auto log in and display image, one-key create testing report, including camera IP address, resolution, encoding and other related information; support cross-network segment test; audio and video synchronization test; face recognition and other functions
- 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, DC24V 2A power output
- DC5V 2A power output, can connect USB camera, USB and Mouse, as power bank
- 48V PoE power output power, max power 30W

- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi Analysis, support 2.4G / 5G frequency band, can test Wi-Fi camera, create Wi-Fi hotspot

Cable Test:

- Cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized and detect near-end, mid-end and far-end fault test of RJ45 cable plug
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc.
- Digital Cable tracer, search BNC cable, network cable and telephone cable from the mess cables, more accurately
- 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, Add TDR network port, it is convenient to test network cable

Optical fiber network Test / fiber Test:

- One Gigabit SFP port, support insert SFP optical fiber module, for optical fiber network testing
- Optical power meter and visual fault locator
- Support Laser distance meter and Lens focal length test
- Laser distance meter, range 100m, accuracy $\pm 3\text{mm}$. It supports multiple measurement modes of length, side length, area and volume, and can accumulate and save test results.
- Build in camera, focal length of the lens calculating, recommend lens by testing and monitoring the distance, display real-time images, simulating the display area of different lens sizes of 2.8 / 3.6 / 4 / 6 / 8 / 12 / 16 / 25mm, for reference in lens purchase

Other functions:

- HDMI Input support 4K 30FPS, HDMI output support 4K 60FPS
- 2K 60FPS VGA input
- Professional WIFI Analyzer, detect the surrounding wifi signal and signal strength
- 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
- Traffic monitoring, display network port or WIFI connection real-time upload and download speeds and other network parameters
- Digital Multimeter, voltage, current, resistance and capacitance can be tested, continuity testing, diode testing
- 4K color bar generator, send CVI / TVI / AHD / CVBS color bar video signal for testing monitor or video cable, support 4K resolution
- 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 TF card included
- 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
- 7.6 V / 7800mAh Lithium Ion Polymer Battery, after 3.5 hours charging, working time lasts 16 hours

Specification:

LCD	Model Number	M-IPC-750G
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	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)	
		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	
	IP camera test 8K H.265 / 4K H.264	IP Discovery / Quick ONVIF / IPC test / RTSP play / Client APK	
		Rapid Video	Auto view the video, create testing report
		Hik test tool	support batch activate HIKVISION cameras and modify IP address, modify password etc. Self-defined modify channel name, can quickly change H.264 and H.265 video, open wide dynamic mode. Factory restore, etc.
		Dahua test tool	support batch activate DAHUA cameras and modify IP address, username and password. Self-defined modify channel name.
	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 & call OSD menu, support CVI 5.0 Audio test	
		8MP AHD test, 3840 x 2160P 12.5/15 FPS, UTC control & call OSD menu	
8MP EX-SDI, HD-SDI, 3G-SDI test, UTC control & call OSD menu			
HDMI input	Support 4K 30FPS		
HDMI output	Support 4K 60FPS		
VGA input	Up to 1280*800 60FPS		
Zoom Image	4x zoom, enlarge image, Screen snapshot, record, save, view and record and play back		
Power output	PoE power output	48V PoE power output, max power 25.5W	
	DC24V / 12V power	DC24V 2A, DC12V 3A power output	
	DC 5V power	DC5V 2A power output, can connect USB camera, USB and Mouse, as 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	
	Digital cable tracer	Search BNC cable, network cable and telephone cable from the mess cables, more accurately	
	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen, and detect near-end, mid-end and far-end fault test of RJ45 cable plug	
	RJ45 cable TDR test	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc. measurement max range 180M.	
Gigabit SFP	Gigabit SFP optical fiber module		
Built-In camera	Built-In Camera Pixels: 5000,000 pixels, support camera focus detection		
Laser Distance meter	Measurement range 100m, accuracy ± 3 mm, Laser class 2, Laser type 635nm, Power output <1mW		
Digital Multimeter	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing. Testing speed: 3 times / seconds, Data range -6600~+6600.		
Optical power meter	Calibrated Wavelength(nm): 850/1300/1310/1490/1550/1625nm, Power range(dBm): -70~+10dBm		
Visual fault locator	Test fiber's bending and breakage		
TesterPlay	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, speeds 150M, 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
PSE / 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 7.6V Lithium polymer battery, 7800mAh
Rechargeable	After fast charging 3.5 hours, normal working time 16 hours
Operation setting	OSD menu, select your desired language: English, Portuguese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Turkish, Deutsch, Serbain, Czech, Vietnamese etc
Auto off	5-30 (mins)
Working Temperature	-10°C --- +50°C
Dimension	276mm x 163mm x 44mm (Tester); 345mm x 305mm x 100mm (box)
Weight	1200g (Tester); 2500g (Tester with spare parts, black package, box)

Packing kits

- Tester
- Cable tester remote
- Adaptor DC12V 2A / 8GB TF card
- Polymer lithium ion battery (7.6V DC 7800mAh)
- Tool bag / DC Power cable / BNC cable / RS485 cable / Audio cable / Safety cord / Multimeter cable
- SC, ST Connector
- TDR alligator clamp
- Cable tracer
- Manual