

4 inch IP Camera Tester M-IPC-300E

Applications:

- Analog camera test
- IP camera test, support 4K, H.264 and H.265
- 8MP TVI test, 8MP CVI test, 8MP AHD test
- Digital Multimeter
- HDMI input

Features:

- 4 inch IPS touch screen, 800*480 resolution
- H.265 & H.264 IP, 4K video display via mainstream
- 8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD camera test, 3840x2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP CVI camera test, 3840 x 2160P 12.5/15FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu
- Digital Multimeter: DC and AC voltage measurement, Resistance, Continuity, Diode, Capacitance measurement
- Rapid ONVIF, auto log in and display image, create testing report
- Axia camera, Hikvision camera test, enter Onvif app, input user name and password to test
- IP and analog display image at the same time
- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- CVBS camera test, PTZ controller
- DC12V/3A power output, camera can be powered from DC 12 Voltage
- Rapid video, just by one key to detect all network cameras and auto display
- Built in WiFi, 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
- Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc
- 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 signal input, 720×480p / 720×576p / 1280×720p / 1920×1080p / 1024×768p / 1280×1024p / 1280×900p / 1440×900p record and snapshot
- Traffic monitoring, display network port or WiFi connection real-time upload and download speeds and other network parameters
- Customers 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, 4000mAh Lithium Ion Polymer Battery, after 3~4 hours charging, working time lasts 11~12 hours

Specification

Model number		M-IPC-300E	
LCD	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	
		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 / call OSD menu	
		8MP AHD camera test, 3840 x 2160P 15FPS, UTC control / call OSD menu	
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	
Auto HD	AutoHD,automatic recognition of HD coaxial cameras		
Power output	12V/3A power	Output DC12V/3A power out ,supply temporarily power for the camera	
	PoE power output	48V PoE power output, max power 25.5W	
Cable test	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.	
TesterPlay	screen projection: tester, mobile phone and PC display at the same time (For android version mobile phone)		
Multimeter	DC and AC voltage measurement, Resistance test, Continuity test, Diode test, Capacitance test		
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		
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		
Power supply	DC 12V 2A external power supply		
Battery	Built-in 7.4V Lithium polymer battery, 4000mAh		
Rechargeable	After charging 3~4 hours, normal working time 11 hours		
Operation setting	OSD menu, select your language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese etc		

Auto off	1-30 (mins)
Working Temperature	-10°C---+50°C
Working Humidity	30%-90%
Dimension	204mm x 123mm x 38mm (Tester); 290mm x 240mm x 100mm (Colour box)
Weight	600g (Tester); 1810g (Tester with spare parts, black package, box)

HD Resolution	720P	1080P	3MP	4MP	5MP	6MP	4K (8MP)
CVI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30 FPS	---	2560x1440 P 25/30 FPS	2592x1944 20FPS	2880x1920 20FPS	3840 x 2160 12.5/15 FPS
TVI	1280 x 720 P 25/30/50/60 FPS	1920 x 1080 P 25/30 FPS	2048x1536 P 18/25/30 FPS	2688x1520 P 15FPS 2560x1440P 15/25/30 FPS	2592 x 1944 P 12.5/20FPS	---	3840 x 2160 12.5/15 FPS
AHD	1280 x 720 P 25/30 FPS	1920 x 1080 P 25/30 FPS	2048x1536 P 18/25/30 FPS	2560x1440 P 15/25/30 FPS	2592 x 1944 P 12.5/20FPS	---	3840 x 2160 15 FPS

IP Camera / Resolution	720P	960P	1080P	3MP	4MP	5MP	6MP	8MP	4K	1200W
H.265	√	√	√	√	√	√	√	√	√	√
H.264	√	√	√	√	√	√	√	√	√	√

Packing kits

- Tester
- Network cable tester
- Adaptor DC12V 2A/ 8GB SD card
- Polymer lithium ion battery (7.4V DC 4000mAh)
- Tool bag / DC Power cable / BNC cable / RS485 cable / Audio cable / Safety cord
- Multi-meter test leads one pair of red and black
- Manual