T-Tester-8K-80 │ NEW RELEASE 8 INCH IPC TESTER

All-in-one 8K H.265 IP Camera Tester

IP / Analog / CVI / TVI / AHD/ HDMI / VGA / SFP /PoE++

● 8 inch IPS touch screen, 1920*1200 resolution

● 8MP CVI/ TVI/ AHD camera test, support TVI5.0 Audio test

● 8MP EX-SDI, HD-SDI, 3G-SDI camera test* **(Optional)**

● 55V PoE++ power output, max power 60W

● DC12V 3A, DC24V 2A power output

● VGA Input, 4K 30FPS HDMI IN & 4K 60FPS HDMI OUT

● Brand new dual gigabit Ethernet ports

● **ONE Gigabit SFP** optical fiber module port

● **Laser distance meter,** max measurement 100M* **(Optional)**

● **Built-in camera,** support camera lens focal distance test* **(Optional)**

Application

The 8 inch IPS touch screen IP camera tester is designed for maintenance and installation of new 8K H.265 IP, analog, HD coaxial cameras as well as other security equipment, support H.265/H.264 decoding camera, 8K video display via mainstream. The 1920x1200 resolution enables it to display network HD cameras and analog cameras in high resolution. The unit supports many ONVIF PTZ and analog PTZ control. Additionally, it with other functions TDR cable test, Optical power meter, Visual fault locator, UTP cable test and cable tracer 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.

● CCTV system installation and maintenance

● Network cabling project installation and maintenance

● Dome camera, IP TVI CVI AHD SDI 8K H.265 ip camera test

● Video transmission channel testing

● PTZ controller

Features

Optical fiber network test / Fiber test:

● **NEW** ONE Gigabit SFP port, support insert SFP optical fiber module, for optical fiber network testing

● Optical power meter and visual fault locator **(Optional)**

Laser distance meter & Lens focal length test:

● **NEW** Laser distance meter, range 100m, accuracy ±3mm. It supports multiple measurement modes of length, side length, area and volume, and can accumulate and save test results. **(Optional)**

● **NEW** Built-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 **(Optional)**

Camera test:

● 8 inch IPS touch screen, 1920*1200 resolution

- 8K H.265 video display via mainstream
- Analog camera test and PTZ control
- Support TVI5.0 audio test
- TVI 5.0 test, 3840 x 2160P 15 FPS, 4xzoom, video record & playback, coaxial PTZ control & call OSD menu
- 8MP AHD test, 3840 x 2160P 15 FPS,4xzoom, video record & playback, coaxial PTZ & call OSD menu
- 8MP 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 ***(Optional)**
- HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu * **(Optional)**
- 3G-SDI test, 1920 x 1080P 50/60 FPS, 4xzoom, video record & playback, coaxial PTZ & call OSD menu * **(Optional)**
- Auto HD app, auto recognize HD coax camera type and resolution, support snapshot, video record & playback, coaxial PTZ & call OSD menu.
- 4K 30FPS HDMI Input & 4K 60FPS HDMI output
- 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
- 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, DC24V 2A power output
- DC5V 2A power output, can connect USB camera, USB and mouse, as power bank
- 55V PoE++ power output power, max power 60W
- 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:
- Improvement 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
- Upgraded 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. ***(Optional)**

Other functions:
- ONE Gigabit SFP optical fiber module port
- Laser distance meter, max measurement 100m, accuracy±3mm **(Optional)**
- Built-in camera, support camera Lens focal distance test. * **(Optional)**
- TesterPlay, support remote control and voice intercom
- HDMI Input support 4K 30FPS, HDMI output support 4K 60FPS
- VGA input support 1920*1080P
- 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

● 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

● 7.4 V /7800mAh Lithium Ion Battery, after 3.5 hours charging, working time lasts 11 hours

Specification

LCD	Item series	**T-8IN-Tester-4K Series**	
	Display	New 8 inch IPS touch screen, 1920*1200 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/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	
		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*(Optional)	
	HDMI input	Support 4K 30FPS	
	HDMI output	Support 4K 60FPS	
	VGA input	Support 1920*1080P	
	Zoom Image	4x zoom, enlarge image, Screen snapshot, record, save, view and record and play back	
Power output	PoE power output	55V PoE++ power output, max power 60W	
	DC power output	DC24V 2A, DC12V 3A power output	
	USB power output	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 **(Optional)**
	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 port		Gigabit SFP optical fiber module port
Laser Distance meter* **(Optional)**		Measurement range 100m, accuracy±3mm, Laser class 2, Laser type 635nm, Power output <1mW
Digital Multimeter *(Optional)*		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 *(Optional)*		Calibrated Wavelength(nm): 850/1300/1310/1490/1550/1625nm, Power range(dBm): -70～+10dBm
Visual fault locator *(Optional)*		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 7.4V Lithium ion battery, 7800mAh
Rechargeable		After fast charging 3.5 hours, normal working time 11 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℃---+50℃
Working Humidity		30%-90%
Dimension/Weight		276mm x 163mm x 44mm / 1.14KG

Note: "*" sign mean functions are customizable

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.

Comparison Table

Feature/Model	T-8IN-Tester-4K-ADH	T-8IN-Tester-4K-ADHS	T-8IN-Tester-4K-MOVTADHSEF
IP/Analog camera test	✓	✓	✓
8MP AHD/CVI/TVI camera test	✓	✓	✓
8MP EX-SDI/HD-SDI/3G-SDI camera test	X	✓	✓
HDMI INPUT & HDMI OUTPUT	✓	✓	✓
VGA INPUT	✓	✓	✓
4K color bar generator	✓	✓	✓
Digital Cable tracer	✓	✓	✓
HD coaxial level meter test	X	X	✓
Digital multimeter(M)	X	X	✓
Optical power meter (O)	X	X	✓
Visual fault locator(V)	X	X	✓
TDR cable test(T)	X	X	✓
Built-in camera(E)	X	X	✓
Laser Distance meter(F)	X	X	✓

Packing kits

1) Tester

2) Adaptor DC12V 2A/ 8GB TF card

3) Lithium ion battery (7.4V 7800mAh)

4) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord

5) SC, ST Connector (Only for optical power meter model〉

6) TDR alligator clip (Only for TDR model)

7) Digital cable tracer

8) Manual