All in one Multi-functions CCTV tester

X7 series

- ◆ 7 inch retina touch screen, 1920*1200 resolution
- ◆ 5MP TVI, 4MP CVI, 4MP AHD and SDI/EX-SDI test *
- ◆ H.265/H.264, 4K video display via mainstream
- ◆ Dual window test, IP &Analog camera test
- ◆ Built in WIFI, create WIFI hotspot
- ◆ HDMI input & output, 1080p
- ◆ IP discovery , shortcut button, drop-down menu
- ◆ DC12V 2A, DC48V PoE power output
- ◆ Rapid ONVIF, auto view video, and create testing report
- ◆ Quick office(excel ,word ,PPT format) doc.
- ◆ RJ45 cable TDR test, cable quality test
- ◆UTP cable tester
- ◆ TesterPlay, tester, android version mobile phone and PC display at the same time

Note: "*"sign mean functions are customizable

The 7 inch touch screen IP camera tester is designed for maintenance and installation of IP analog, HD coaxial cameras as well as other security equipment. 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. Additional, it with other functions TDR cable test, Digital multi-meter, UTP cable test and cable scan 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, IPTVI CVI AHD SDI 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller

Features

1. **New** -7 inch **retina touch screen** ,1920*1200 resolution
2. **New- H.264 & H .265 ,4K video display via mainstream**
3. **New- 5MP TVI test,2560x1944P 12.5FPS**,4xzoom ,video record and playback ,coaxial PTZ control and call camera OSD menu

4. **4MP AHD test,** 2560x1440P 15F/25F/30FHD,4xzoom ,video record and playback ,coaxial PTZ control and call camera OSD menu
5. **4MP CVI test,**2560x1440P 25F/30F, 4xzoom ,video record and playback ,coaxial PTZ control and call camera OSD menu
6. **HD SDI/EX-SDI camera test ,support 1080P 50/60 FPS**
7. **IP & CVBS camera test ,PTZ controller**
8. **New- Rapid video, just by one key to detect all network cameras and auto display**
9. **TesterPlay (screen projection): tester, mobile phone and PC display at the same time (For android version mobile phone)**
10. **Rapid ONVIF,** auto log in and display image from the camera, activate Hikvision camera, and also can create testing report
11. **New- IP and analog testing at the same time ,**converter test from analog to digital with dual test window IP & CVBS
12. **New- In HDMI in mode, It can converter test from analog to digital with dual test window IP & HDMI in or Analog & HDMI in**
13. **New- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew etc**
14. Cable tracer, search BNC cable, network cable and telephone cable from the mess cables
15. **Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need to customize**
16. **New- Shortcut button, drop-down menu** , can select PoE power ,IP setting, WLAN switch, HDMI IN functions etc in any interface
17. **New- Screen lock,** password lock and pattern lock are optional
18. **New- HDMI signal in and out** , support 1080P
19. NEW- **Backlit buttons.**
20. **New- HDMI signal input,**720×480p /720×576p /1280×720p /1920×1080p /1024×768p/1280×1024p /1280×900p /1440×900p display image ,record and snapshot
21. **New- CVBS loop test,** the tester send and receive color bar generator signal ,to check BNC cable
22. **New- Traffic monitoring** of the tester "LAN port", display network port or WIFI connection real-time upload and download speeds and other network parameters
23. **New- 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)
25. Built in Wi-Fi ,display image from the wireless camera , **create WIFI hotspot**
26. **New- 4K video files and MKV/MP4 media files play**
27. PoE DC48V power output, Max power 24W,12V /2A power output/5V 2A power output, as a power bank
28. **New- 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. Supports more than 30 protocols such as PELCO-P, PELCO-D, and SAMSUNG

32. Video level meter, Video PEAK lever, SYNC level, COLOR BURST measurement

33. Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator

34. POE voltage measurement, PING test ,IP address scan, port flashing etc

35. Audio in /out , support record and save the audio/LED lamp, calculators, music players and other application tools

36. 7.4 V /5000mAh Lithium Ion Polymer Battery, after 6-7 hours charging , working time lasts 10 hours

Specifications

LCD	Item series	X7 series	
	Size & Display resolution	New 7 inch touch screen with retina display ,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	
		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 *	**5MP TVI camera test,2560x1944P12.5FPS,** UTC control/ call OSD menu	
		4MP CVI camera test: 2560x1440P 25F/30F,UTC control d call OSD menu	
		4MP AHD test, 2560x1440P 15F/25F/30F, UTC control d call OSD menu	
		HD SDI/EX-SDI camera test ,support 1080P 50/60 FPS	
	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	
Power output	12V/2A power output	Output DC12V/2A power out ,supply temporarily power for the camera
	PoE power output	48V PoE power output, max power 24W
	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
	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 ,5000mAh	
Rechargeable	After charging 6-7 hours, normal working time 10 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℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	231mm x 172mm x 52mm / 1.26Kg	

Below functions are customizable (If add any below function into tester, you need pay addition cost),full model is IPC-8600MOVTADHS plus	
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
A*	**AHD camera test**, **5MP TVI camera test,2560x1944P 12.5FPS,** UTC control/ call OSD menu
H*	**TVI camera test: 5MP TVI camera test,2560x1944P 12.5FPS,** UTC control/ call OSD menu
D*	**CVI camera test : 4MP CVI camera test,**2560x1440P 25F/30F,UTC control d call OSD menu
S*	**HD SDI/EX-SDI camera test ,support 1080P 50/60 FPS**
ADH*	**5MP TVI ,4MP CVI ,4MPAHD test**
ADHS*	**5MP TVI ,4MP CVI ,4MP AHD ,HD SDI/EX-SDI test**
L*	**Video level meter :**PEAK ,SYNC signal level, color burst chroma level measurement **（free ）**
C*	**Cable tracer** :search BNC cable, network cable and telephone cable from the mess cable **(free)**