Handheld 4" waterproof dustproof interface IP Camera Tester

Model: X4 series

● 4 inch IPS touch screen, 800*480 resolution

● 8MP CVI/ TVI/ AHD, 8MP EX-SDI, HD-SDI, 3G-SDI*

● H.265/H.264, 4K video display via mainstream

● Chrome browser, test and set Axis camera

● HDMI Input, support 1080P

● DC12V 3A, DC 48V PoE power output

● RJ45 cable TDR test, cable quality test

● Rapid ONVIF & HD camera's Lens simulation and focus function

● Interface waterproof and dustproof

● Backlight buttons, easier to operate in the dark

● TesterPlay: Tester, mobile phone, PC display at the same time

Features

Camera test:

● 4 inch IPS touch screen, 800*480 resolution

● 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 *

● Rapid ONVIF, Auto log in and display image, create testing report

● Len simulation: simulate different lenses display area，supported lens:"2.8/3.6/4/6/8/12/16/25mm" is for to choose camera lens.

● AXIS, Hikvision camera test, enter ONVIF app, input username 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 12Votage .

● 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

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 *

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 signal input,720×480p /720×576p /1280×720p /1920×1080p /1024×768p/1280×1024p /1280×900p /1440×900p display image ,record and snapshot *

● Traffic monitoring of the tester "LAN port", 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 9 hours

Specifications

	Item series	X4 series	
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 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 Discovery/Quick ONVIF/IPC test /RTSP play /Client APK	
	IP camera test 4k/H.265/H.264	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 username, 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 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, 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	
	12V/3A power	Output DC12V/3A power out ,supply temporarily power for the camera	
Power output	PoE power output	48V PoE power output, max power 25.5W	
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. measurement range 180M.
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	
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 polymer battery, 4000mAh	
Rechargeable	After charging 3~4 hours, normal working time 9 hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese etc	
Auto off	1-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/Weight	204mm x 123mm x 38mm / 0.6kg	

Below are optional functions，Digital multimeter and cable tracer NO MOQ , if need customize other below functions ,QTY MOQ is 50pcs (If add any functions into tester, you need pay addition cost),if you add one of "A/D/H/S,then cannot choose "T"

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	8MP AHD test,3840 x 2160P 15FPS, UTC control & call OSD menu
H	8MP TVI camera test: 3840 x 2160P 15 FPS, UTC control/ call OSD menu
D	8MP CVI camera test : 3840 x 2160P 12.5/15 FPS,UTC control/ call OSD menu
S	HD-SDI/EX-SDI/3G-SDI camera test ,UTC control & call OSD menu

L	Video level meter: PEAK ,SYNC signal level, color burst chroma level measurement
C	Cable tracer: search BNC cable, network cable and telephone cable from the mess cable

Note: "*" sign mean functions are customizable