K15 series | 8K HD camera test



All-in-one 8K CCTV Camera Tester

- 7 inch IPS touch screen, 1920*1200 resolutions
- 8MP CVI/ TVI/ AHD camera test, support TVI5.0 Audio test
- 8MP EX-SDI, HD-SDI, 3G-SDI* **(Optional)**
- Brand new dual Gigabit Ethernet port,
- 8K H.265 video display via mainstream, support 8K/24FPS resolution
- 4K color bar generator, send CVI/TVI/AHD/CVBS color bar video signal for testing monitor or video cable, support 4K resolution
- **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 **(Optional)**
- Dual Gigabit Ethernet ports, support 12MP camera test
- Hik test tool app supports a reset password, video occlusion alarm, etc
- DH test tool app support video occlusion alarm
- WIFI Analysis, support 2.4G/5G frequency band
- HDMI Input support 4K 30FPS, HDMI output support 4K 60FPS
- DC12V 3A, DC24V 2A and 48V/25.5W PoE power output
- IP address conflict and switch port detection
- PoE voltage test and DC 12V camera power detection
- UTP cable test, cable etc sequence and connectivity test, and detect near-end, mid-end and far-end fault test of RJ45 cable plug
- RJ45 cable TDR test, cable opens, shorts and length test, Max measurement 180m
- Rapid ONVIF, support face recognition and create test report
- **TesterPlay,** support remote control and voice intercom
- **Auto lens calculation tool,** recommend lens by testing the distance between the screen and the monitoring position **(Optional)**

Application

The 7 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 4K H.265 camera testing
- Video transmission channel testing
- PTZ controller

Features

Optical fiber network test/fiber test:

- ONE Gigabit SFP port, support insert SFP optical fiber module, for optical fiber network testing NEW
- Optical power meter and visual fault locator **(Optional)**
- 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
- Lens focal length calculation, 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)** NEW

Camera test:

- 7 inch IPS touch screen, 1920*1200 resolution
- 8K H.265 video display via mainstream
- Support TVI 5.0 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.
- HDMI Input, up to 4K 30FPS, and support snapshot, video record & playback
- 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; NEW
- 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:

- 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 ***(Optional)**

● 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:

● Laser distance meter , measurement range 100m, accuracy±3mm

● 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

● 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

Specifications

<table>
<tr><td rowspan="2">LCD</td><td>Item series</td><td colspan="2">K15 series</td></tr>
<tr><td>Display</td><td colspan="2">New 7 inch IPS touch screen, 1920*1200 resolution</td></tr>
<tr><td rowspan="12">Video Mode</td><td rowspan="3">CVBS</td><td colspan="2">1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)</td></tr>
<tr><td colspan="2">Analog video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement</td></tr>
<tr><td colspan="2">PTZ control, RS485 control, Baud 600-115200bps, compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc</td></tr>
<tr><td rowspan="4">IP camera test
8K H.265/4K H.264</td><td colspan="2">IP Discovery/Quick ONVIF/IPC test /RTSP play /Client APK</td></tr>
<tr><td>Rapid Video</td><td>Auto view the video, create testing report</td></tr>
<tr><td>Hik test tool</td><td>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.</td></tr>
<tr><td>Dahua test tool</td><td>support batch activate DAHUA cameras and modify IP address, username and password. Self-defined modify channel name.</td></tr>
<tr><td>IP& CVBS test</td><td colspan="2">IP & CVBS test at the same time, converter test from analog to digital with dual test window</td></tr>
<tr><td rowspan="4">Coaxial HD test *</td><td colspan="2">8MP TVI camera test,3840 x 2160P 15 FPS, UTC control & call OSD menu</td></tr>
<tr><td colspan="2">8MP CVI camera test,3840 x 2160P 12.5/15 FPS, UTC control & call OSD menu</td></tr>
<tr><td colspan="2">8MP AHD test, 3840 x 2160P 12.5/15 FPS, UTC control & call OSD menu</td></tr>
<tr><td colspan="2">8MP EX-SDI, HD-SDI, 3G-SDI test, UTC control & call OSD menu****(Optional)**</td></tr>
<tr><td>HDMI input</td><td colspan="2">support 4K 30FPS</td></tr>
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	HDMI output	support 4K 60FPS
	VGA input	Up to 1920*1200 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 ***(Optional)**
	Digital cable tracer *	Search BNC cable, network cable and telephone cable from the mess cables, more accurately **(Optional)**
	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.**
Electroscope*	Voltage range	AC12-1000V
	Frequency	50/60Hz
	Alarm type	Sounds and light double alarms
	Level	CAT.III 1000V / CAT.IV 600V;CE
Gigabit SFP	Gigabit SFP optical fiber module	
Built-In camera***(Optional)**	Built-In Camera Pixels: 5000,000 pixels, support camera focus detection	
Laser Distance meter ***(Optional)**	Measurement range100m, 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 7.6V 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℃---+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	K15	K15-ADH	K15-ADHS	K15-CLMOVTADHSEFG
IP/Analog camera test	✔	✔	✔	✔
Gigabit SFP	✔	✔	✔	✔
8MP AHD/CVI/TVI camera test	X	✔	✔	✔
8MP EX-SDI/HD-SDI/3G-SDI	X	X	✔	✔
Cable tracer	X	X	X	✔
HD coaxial level meter test	X	X	X	✔
Digital multimeter	X	X	X	✔
Optical power meter	X	X	X	✔
Visual fault locator	X	X	X	✔
TDR cable test	X	X	X	✔
Built-in camera	X	X	X	✔
GPS	X	X	X	✔
Laser Distance meter	X	X	X	✔

Packing kits

1) Tester
2) Cable tester remote
3) Adaptor DC12V 2A/ 8GB TF card
4) Polymer lithium ion battery (7.6V DC 7800mAh)
5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord
6) SC, ST Connector（Only for optical power meter models）
7) TDR alligator clamp (only for TDR models)
8) Cable tracer (only for digital cable tracer models)
9) Manual

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