

7 inch IP Camera Tester IT-E900-IPC

Applications:

- Analog camera test
- IP camera test, support 4k, H.264 and H.265
- 8MP TVI test, 8MP CVI test, 5MP AHD test
- Digital Multimeter
- HDMI input and output
- Cable tracer app with toner wand
- Video level meter for analog camera



Features:

- English, Polish, Italian, Spanish, French and other languages menu optional
- 7 inch retina touch screen, 1920*1200 resolution
- H.264 and H.265, 4K video display via mainstream
- Rapid video, just by one key to detect all network cameras and auto display
- Built-in WiFi to receive network image and data, create wifi hotspot, support browser
- Rapid onvif, auto log in and display image from the camera, activate Hikvision camera, and also can create testing report
- Cable tracer app with toner wand, Send the specific signal, easy to find out the connected cable from messy cables
- Video level meter for analog camera, Peak level, Sync level, Burst level measurement
- 8MP TVI test, 3840 x 2160, 15 FPS, 4xzoom, video record and playback ,coaxial PTZ control and call camera OSD menu
- 5MP AHD test, 2592 x 1944P, 12.5/20FPS, 4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
- 8MP CVI test, 3840 x 2160, 12.5/15 FPS, 4xzoom, video record and playback, coaxial PTZ control and call camera OSD menu
- HDMI input, 720x480p / 720x576p / 1280x720p / 1920x1080p / 1024x768p / 1280x1024p / 1280x900p / 1440x900p display image, record
 and snapshot
- IP and analog cameras testing at the same time, converter test from analog to digital via dual test window IP & CVBS
- CVBS loop test, the tester send and receive color bar generator signal to check BNC cable
- Traffic monitoring of the tester "Lan port", display network port or wifi connection real-time upload and download speeds and other network parameters
- Support user self-install apps, for example install android version apps, like skype, wechat, etc
- 4K video files and MKV / MP4 media files play
- Quick office apps (excel, word, ppt format), can edit the documents
- Screen lock, password lock and pattern lock are optional
- TesterPlay (screen projection): tester, android version mobile phone and PC display at the same time
- Shortcut button, drop-down menu, can select PoE power ,IP setting, wlan switch, HDMI in functions etc in any interface
- Enhanced cable tester, UTP cable, telephone cable as well as other cables' order and connectivity test, testing report can be saved



- Screen management, Lite mode and normal mode for option, move the function's icons, create new directory, theme and background setting
- Display onvif IP camera image, onvif PTZ controller, IP discovery.
- Support more than 80 customized IP cameras protocols
- Support ip camera apps and RTSP to view IP camera image
- Network bandwidth testing
- FTP Server, Static IP address, DHCP, simultaneously test different segments IP cameras
- PoE 24W power supply to IP camera
- HDMI signal output, support 1080P
- DC12V 2A power output for camera
- USB 5V 2A power output to mobile phone
- Led Lamp, easy to operate at night
- Micro SD card moveable
- LCD screen brightness/contrast/color saturation adjustable
- Automatically adapts and displays the video format of NTSC/PAL
- Enhanced color bar generator, by receiving the video color bar to test the video channel whether transmit normally
- 4x zoom, video image can be magnified to view the details, easy to use (both for analog and IP video)
- Video record and playback (both for analog and IP video)
- Snapshot and save the current image as JPG file in the SD card (both for analog and IP video)
- Ping testing, test IP camera or other network devices' Ethernet port whether work normally, and the IP address whether right
- IP address scan, quickly search the IP address for the connected IP camera and other network devices
- PoE voltage measurement, test the PoE switch's voltage to IP cameras, wireless AP device and other PD devices
- Device Port flicker, easy to find the connected PoE switch port by sending special signals, the connected PoE port will flicker at special frequency
- Link monitor, check the setting IP address whether occupied
- PTZ address scan, search up the ID of PTZ camera
- Network cable and Telephone cable testing, display the sequence of connection and the No. of the LAN cable. RJ45 cable TDR test
- ullet Support RS485, rate 600 \sim 115200bps adjustable
- Multi-protocol. Supports more than thirty PTZ protocols. Such as Pelco-P, Pelco-D, Samsung etc.
- PTZ protocol analysis, control protocol command displays to check RS485 transmission
- PTZ control. Pan/tilt the PTZ unit, zooms in/out the lens, adjusts the focus, aperture and sets and the preset position
- Audio input test and output, test the audio signal from pickup devices, support audio output
- Digital Multimeter, voltage, current, resistance and capacitance can be tested, continuity testing, diode testing
- Lithium Ion Polymer Battery .The device employs advanced power control and protection circuit. The device is high power-efficient, energy saving and environmental protection. It can last 10 hours for normal use after charging for 6 hours

Specification

| Model Number | IT-E900-IPC | |
|---------------|--|--|
| Signal System | NTSC / PAL (Auto-Selecting) | |
| Display | 7 inch retina touch screen, 1920*1200 resolution | |



| IP camera type 4K, H26A, H26B, Onvil, Onvil PTZ, ACTI, Dahua IPC-HPW2100P, Hikwision DS-2CD84-E13, Samsung SNZ-5200, Honeywell HICC-2300T, etc. Customized protocols are available Rapid Video Autio view the video, create lesting report 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 FTP Server, Static IP address, DHCP, simultaneously test different segments' IP cameras, Network bandwidth testing, IP discovery Support video management software to view IP camera image, such as Hikvision lyms-4500, Dahua gDMSS HD Lite RTSP Support RTSP to view IP camera image LCD adjust Adjustable brightness, contrast, color of LCD HDMI input 1 channel HDMI input, support 1080P HDMI signal output 1 channel HDMI unput, support 1080P Network port 10/100/1000M auto adjust, RJ45 Wiffi Built in Wiff, speeds 150M, receive wireless camera image etc. create wifi hotspot PDE power output Video Output Mode 1 channel BNC input & 1 channel BNC looped output Video Output Mode 1 channel BNC input & 1 channel BNC looped output Video Output Mode Cable tracer app with toner wand Video level meter for analog Power Adapter 5 VD C, 2A input supply Power output USB 5V 2A power output to test pickup device, 1 channel audio signal output to connect headphone USB power output USB 5V 2A power output to mobile phone Communication R\$485 Baud Rate 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps Power Saving Features Power Saving Features Sen for local PTZ address over data cables Rochargeable Battery 1 pos Lithium ion Polymer Battery; 7.4V DC, 5000mAh Video Display Video Display Displays Wideo signal from analog input Video Signal Cohe Fest Compatible with more than 30 protocols such as PELCO-DIP, Samsung, Panasonic, TeleEye etc. | | | | | | | |
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| Rapid Video Hikvision test tool Hikvision 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 test tool Dahua camera test, modify the user name, password and IP parameters FTP Server, Static IP address, DHCP, simultaneously test different segments' IP cameras, Network bandwidth testing, IP discovery Support video management software to view IP camera image, such as Hikvision ivms-4500, Dahua gDMSS HD Lite RTSP Support RTSP to view IP camera image LCD adjust Adjustable brightness, contrast, color of LCD HDMI input 1 channel HDMI input, support 1080P HDMI signal output 1 channel HDMI output, support 1080P Network port 10/100/1000M auto adjust, RJ45 Wifi Built in Wifi, speeds 150M, receive wireless camera image etc. create will hotspot PoE power output Video Durput / Output 1 channel BNC input & 1 channel BNC looped output Video Output Mode 1,0 Vp-p CVBS loop test the tester send and receive color bar generator signal to check BNC cable Cable tracer app with toner wand Video level meter for analog Peak level, Sync level, Burst level measurement Power Adapter SV DC, 2A input supply Power output 1 2V DC, 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB power output 1 USB SV 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB power Saving Features Power Saving Features Sleep mode, Battery level indicator PTZ Address Scanning Scan for local PTZ address over data cables Recargeable Battery 1 pcs Lithium fon Polymer Battery; 7.4V DC, 5000mAh Video Display Displays video signal from analog input Video Color bar generator for monitor testing Cable Test Checks connections of UTP cables, RJ45 cable TDR test | IP camera type | 4K, H264, H265, Onvif, Onvif PTZ, ACTi, Dahua IPC-HFW2100P, Hikvision DS-2CD864-E13, Samsung | | | | | |
| Hikvision test tool Dahua camera test, modify the user name, password and IP parameters FTP Server, Static IP address, DHCP, simultaneously test different segments' IP cameras, Network bandwidth testing, IP discovery Support video management software to view IP camera image, such as Hikvision ivms-4500, Dahua gDMSS HD Lite RTSP Support RTSP to view IP camera image LCD adjust Adjustable brightness, contrast, color of LCD HDMI input 1 channel HDMI input, support 1080P HDMI signal output 1 channel HDMI input, support 1080P Network port 10/100/1000M auto adjust, RJ45 Wifi Built in Wifi, speeds 150M, receive wireless camera image etc. create wifi hotspot PoE power output PoE 24W power supply to IP camera Video Input / Output 1 channel BNC input & 1 channel BNC looped output Video Output Mode 1,0 Vp-D CVBS loop test Cable tracer app with toner wand Video level meter for analog Power Adapter SV DC, 2A input supply Power output 12V DC, 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB sover output USB SV 2A power output to test pickup device, 1 channel audio signal output to connect headphone USB Sover output USB SV 2A power output to test pickup device, 1 channel audio signal output to connect headphone USB Sover output USB SV 2A power output to test pickup device, 1 channel audio signal output to connect headphone USB Sover output SSB SV 2A power output to mobile phone Communication RS485 Baud Rate 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps Battery 1 pes Lithium ino Polymer Battery; 7.4V DC, 5000mAh Video Display Displays video signal from analog input Video Signal Coble Test Checks connections of UTP cables, RJ45 cable TDR test | | SNZ-5200, Honeywell HICC-2300T, etc. Customized protocols are available | | | | | |
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| HDMI sipput 1 channel HDMI input, support 1080P HDMI signal output 1 channel HDMI output, support 1080P Network port 10/100/1000M auto adjust, RJ45 Wifi Built in Wifi, speeds 150M, receive wireless camera image etc. create wifi hotspot PoE power output PoE 24W power supply to IP camera Video Input / Output 1 channel BNC input & 1 channel BNC looped output Video Output Mode 1.0 Vp-p CVBS loop test the tester send and receive color bar generator signal to check BNC cable Cable tracer app with toner wand Video level meter for analog Peak level, Sync level, Burst level measurement Power Adapter 5V DC, 2A input supply Power output 12V DC, 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB power output USB 5V 2A power output to mobile phone Communication RS485 Baud Rate 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps Power Saving Features Sleep mode, Battery level indicator PTZ Address Scanning Scan for local PTZ address over data cables Rechargeable Battery 1 pcs Lithium Ion Polymer Battery; 7.4V DC, 5000mAh Video Display Displays video signal from analog input Video Signal Color bar generator for monitor testing Cable Test Checks connections of UTP cables, RJ45 cable TDR test | RTSP | Support RTSP to view IP camera image | | | | | |
| HDMI signal output | LCD adjust | Adjustable brightness, contrast, color of LCD | | | | | |
| Network port 10/100/1000M auto adjust, RJ45 Wifi Built in Wifi, speeds 150M, receive wireless camera image etc. create wifi hotspot PoE power output PoE 24W power supply to IP camera Video Input / Output 1 channel BNC input & 1 channel BNC looped output Video Output Mode 1.0 Vp-p CVBS loop test the tester send and receive color bar generator signal to check BNC cable Send the specific signal, easy to find out the connected cable from messy cables Wideo level meter for analog Peak level, Sync level, Burst level measurement Power Adapter 5V DC, 2A input supply Power output 12V DC, 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB power output USB 5V 2A power output to mobile phone Communication RS485 Baud Rate 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps Power Saving Features Sleep mode, Battery level indicator PTZ Address Scanning Scan for local PTZ address over data cables Rechargeable Battery 6 hours charge, work for 10 hours Battery 1 pcs Lithium Ion Polymer Battery; 7.4V DC, 5000mAh Video Signal Color bar generator for monitor testing Cable Test Checks connections of UTP cables, RJ45 cable TDR test | HDMI input | 1 channel HDMI input, support 1080P | | | | | |
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| wand Video level meter for analog Peak level, Sync level, Burst level measurement Power Adapter 5V DC, 2A input supply Power output 12V DC, 2A power output for camera Audio input 1 channel audio signal input to test pickup device, 1 channel audio signal output to connect headphone USB power output USB 5V 2A power output to mobile phone Communication RS485 Baud Rate 150, 300, 600, 1200, 2400, 4800, 9600, 19200bps Power Saving Features Sleep mode, Battery level indicator PTZ Address Scanning Scan for local PTZ address over data cables Rechargeable Battery 6 hours charge, work for 10 hours Battery 1 pcs Lithium Ion Polymer Battery; 7.4V DC, 5000mAh Video Display Displays video signal from analog input Video Signal Color bar generator for monitor testing Cable Test Checks connections of UTP cables, RJ45 cable TDR test | CVBS loop test | the tester send and receive color bar generator signal to check BNC cable | | | | | |
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| Video Signal Color bar generator for monitor testing Cable Test Checks connections of UTP cables, RJ45 cable TDR test | Battery | 1 pcs Lithium Ion Polymer Battery; 7.4V DC, 5000mAh | | | | | |
| Cable Test Checks connections of UTP cables, RJ45 cable TDR test | Video Display | Displays video signal from analog input | | | | | |
| | Video Signal | | | | | | |
| PTZ Protocol Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, TeleEye etc. | Cable Test | Checks connections of UTP cables, RJ45 cable TDR test | | | | | |
| | PTZ Protocol | Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, TeleEye etc. | | | | | |
| PTZ data Capture Reads and displays commands sent from controllers | PTZ data Capture | Reads and displays commands sent from controllers | | | | | |
| Image 4x zoom 4x zoom image display and video out | Image 4x zoom | 4x zoom image display and video out | | | | | |
| Photograph Snapshot and save the image as JPG file and screenshot | Photograph | Snapshot and save the image as JPG file and screenshot | | | | | |
| Video record Video recording and playback from the SD card | Video record | Video recording and playback from the SD card | | | | | |



| Port Finder | Find the connected PoE port quickly | | | | |
|-----------------|--|--|--|--|--|
| IP scan | Find out the connected IP camera or network equipment's IP address | | | | |
| Link monitor | Check the IP address whether is occupied | | | | |
| Ping testing | Network and Ip camera ping testing | | | | |
| PoE tester | PoE voltage testing, PoE port flicker, PoE link monitoring | | | | |
| Night Led | Built Led lamp | | | | |
| SD card | With 8G Micro SD card, support Micro SD card for recording, max support 32G SD card | | | | |
| T . D | Screen projection: tester, mobile phone and PC display at the same time (For android version mobile | | | | |
| Tester Play | phone) | | | | |
| Drop-down menu | User can select PoE power switch, IP setting, WLAN switch, HDMI IN functions etc in any interface | | | | |
| LID TVI in next | 8MP TVI camera test, 3840 x 2160, 15 FPS, image display, zoom, video record and playback, coaxial PTZ | | | | |
| HD-TVI input | control and call camera OSD menu | | | | |
| HD-CVI input | 8MP CVI camera test, 3840 x 2160, 12.5/15 FPS, image display, zoom, video record and playback, coaxial | | | | |
| пр-СVI Input | PTZ control and call camera OSD menu | | | | |
| AHD input | 5MP AHD test, 2592 x 1944P, 12.5/20FPS, image display, zoom, video record and playback, coaxial PTZ | | | | |
| | control and call camera OSD menu | | | | |
| Multimeter | Voltage, current, resistance and capacitance can be tested, continuity testing, diode testing | | | | |
| Dimension | 260mm x 160mm x 45mm (Tester); 320mm x 290mm x 98mm (Colour box) | | | | |
| Weight | 1000g (Tester); 2770g (Tester with spare parts, black package, box) | | | | |
| | | | | | |

| HD Resolution | 720P | 1080P | 3МР | 4MP | 5MP | 4K (8MP) |
|------------------|---------------------------------|----------------------------|-----------------------------|---|-----------------------------|----------------------------|
| 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 15 FPS |
| CVI | 1280 x 720 P 25/30/50/60 FPS | 1920 x 1080 P 25/30 FPS | _ | 2560x1440 P 25/30 FPS | | 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 | |