7 inch IP Camera Tester TPTURBO8MP

Applications:

- Analog camera test
- IP camera test, support 4K, H.264 and H.265
- 8MP TVI test, 8MP CVI test, 5MP AHD test
- HDMI input and output

Features:

- English, Polish, Italiano, Spanish, French and other languages menu optional
- 7 inch IPS touch screen,1280*800 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
- 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, 720×480p / 720×576p / 1280×720p / 1920×1080p / 1024×768p / 1280×1024p / 1280×900p / 1440×900p 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
- Enhenced 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

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- 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
- Support RS485, rate 600 ～ 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
- 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	TPTURBO8MP
Signal System	NTSC / PAL (Auto-Selecting)
Display	New 7 inch IPS touch screen, 1280*800 resolution
IP camera type	4K, H264, H265, Onvif, Onvif PTZ, ACTi, Dahua IPC-HFW2100P, Hikvision, DS-2CD864-E13, Samsung SNZ-5200, Honeywell HICC-2300T, etc. Customized protocols are available
Rapid Video	Auto view the video, create testing report
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 camera test, modify the user name, password and IP parameters
Network test	FTP Server, Static IP address, DHCP, simultaneously test different segments' IP cameras, Network bandwidth testing, IP discovery
IP camera apps	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 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
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
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
Image 4x zoom	4x zoom image display and video out
Photograph	Snapshot and save the image as JPG file and screenshot
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
Tester Play	Screen projection：tester, mobile phone and PC display at the same time (For android version mobile phone)
Drop-down menu	User can select PoE power switch, IP setting, WLAN switch, HDMI IN functions etc in any interface
HD-TVI input	8MP TVI camera test, 3840 x 2160, 15 FPS, image display, zoom, video record and playback, coaxial PTZ 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 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
Dimension	240mm x 158mm x 44mm (Tester); 320mm x 290mm x 98mm (Colour box)
Weight	1000g (Tester); 26 0g (Tester with spare pi rts, black package, box)

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HD Resolution	720P	1080P	3MP	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	——