

ITM-9000

Tri-Signal (HDAVS, IP, Analog) Multi-function Test Tool



The ITM-9000 is one of those tools that you will guard carefully from others on your staff -- believe us, you will never want to be without it. The ITM-9000 is a camera tester that spans three major surveillance technologies: IP, AVS, and Analog. This tester pumps out PoE for camera power without the need of an injector or PoE switch. It can display full camera statistics such as signal link quality, PoE voltage and amperage, and two-way data kilobyte flow. Instantly see and measure the real-time performance of your IP cameras without the need for a laptop; it also allows you to login and access all camera configuration parameters and change them instantly. The ITM-9000 will save any integrator hundreds of hours that would have been wasted trying to hunt down difficult problems. In addition to the extensive IP assessment tools, the tester comes with CAT-5 analysis and will display any short along the cable. It will also show you length of the run in meters, and whether the short is at the close or far end. It allows installers to easily examine analog and AVS cameras, and have total PTZ control via its built in controller. Video and pictures can be saved to its internal memory with the push of a button. The ITM-9000 does much, much more so be sure to talk to your IC Realtime rep for details.

Features

- 4" IPS screen and QWERTY flip keyboard with 45 keys
- Supports IP configuration via Onvif protocol
- Supports HDAVS/Analog self-adaptive access
- Supports 8× digital zoom
- Support audio and RS485 control
- TDR cable detection and network connection test
- Video screen shot, video recording and playback
- Supports PoE / DC12V
- Dual LED flashlight

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Specifications

Model	ITM-9000
Physical Port	
Network Port	2×10/100/1000M RJ45 port, support switch mode
Function Port	2×BNC port (Video IN and Video OUT), 1×RS485, 1×Audio In, 1×USB, 1×Reset
IPC Test	
Protocol	ONVIF 2.4.1, RTSP, RTP
Ethernet Test	10/100/1000M Ethernet link test, loop detect, Ethernet traffic flow monitor, link quality test
IP Configuration	Static IP / DHCP client / DHCP server
IPC Test	Discover camera, real time video, camera configuration, PTZ control, audio test, full screen preview and 8× digital zoom, snapshot, record video (recording original data stream)
HD AVS & Analog Test	
Format	NTSC, PAL
Resolution	D1, 720P, 1080P
Signal Level	1Vpp
Camera Test	Real time video, PTZ control, audio test, full screen preview and 8× digital zoom, snapshot, record video (H.264)
HD AVS OSD	Camera configuration
PTZ Control	
Protocol	More than 30 protocols including ICR, Pelco-D/P, Samsung, Panasonic, Lilin, Yaan etc.
Baud Rate	150, 300, 600, 1200, 2400, 4800, 9600, & 19200bps
Detection	
TDR Detection	0 ~ 150m net cable detection, resolution 2m
PoE Test	PD test PSE test
Network Analyze	Sniff, list subnet, ping
Analog Video Generator	Generate PAL/NTSC video signal of various test pattern
Record Playback	Support local playback
System Specifications	
Screen	4.0 inch TFT 800×480 (WVGA) resolution, 16.7M color, backlight brightness adjustable
Operation Method	Power key, 12 control keys, QWERTY flip keyboard with 45 keys
Auto Power-Off	Disable/5 ~ 60 minutes
Keyboard Tone	Enable / Disable
Upgrade	Support online upgrade
Power	
Power Input	PoE port by PoE midspan
PoE Midspan	Input AC100 ~ 230V, 50 ~ 60Hz; output 48V/15W
Battery	Dedicated battery, user replaceable, 7.4V lithium-ion polymer; capacity 22.2Wh
Power Output	DC12V 2A / PoE (802.3af, 802.3at)
Time	Charging time 3 ~ 4 hours; working time 10 hours
Other	
Internal Storage	8GB flash
LED Light	2×35lm LED light

Working Temperature	14°F ~ 131°F/-10°C ~ 55°C
Working Humidity	30% ~ 90%
Dimensions	7.48"×4.45"×1.46"/190mm×113mm×37mm
Weight	3.53lbs/1.6kg