

HD-TVI Tester with digital multimeter

3.5" HVGA TFT-LCD screen display/480 (RGB)*320 resolution /HD-TVI test, support the following resolution, 1280x720P 25FPS / 1280x720P 30FPS / 1280x720P 50FPS / 1280x720P 60FPS, 1920x1080P 25FPS / 1920x1080P 30FPS , support HD-TVI coaxial PTZ controller, call up camera menu / analog PTZ control/ Color bar generator/ /12V 1A power output, BNC input & output, NTSC/PAL auto-selecting, video signal measurement, preset setting, UTP cable testing, PTZ data analyst, RS485 communication address scan, audio input testing, Led lamp, 3.7V DC 3000mAh lithium polymer battery, working for 11 hours, digital multimeter, etc. Its portability, user-friendly design and many other functions make the HD-TVI tester an essential tool for all installers or technicians.

Application

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- Dome camera and all in one camera testing
- Video transmission channel testing
- PTZ control

Features

- 1) 3.5 inch screen display, 480 (RGB) x320 resolution
- 2) LCD screen brightness / contrast / color saturation adjustable
- 3) Automatically adapts and displays the video format of NTSC/PAL
- 4) HD-TVI coaxial camera image display, support the following resolution, 1280x720P 25FPS / 1280x720P 30FPS / 1280x720P 50FPS / 1280x720P 60FPS, 1920x1080P 25FPS / 1920x1080P 30FPS , support HD-TVI coaxial PTZ controller, call up camera menu
- 5) Enhanced Color bar generator, PAL/NTSC multi-system color bar video generator (Eight-system switchable, transmit/receive eight-system colorful images) to test the video channel whether transmit normally
- 6) LED Lamp.
- 7) HD TVI test, analog PTZ control, color bar generator shortcut key.
- 8) F1, F2 user-defined key
- 9) Digital Multimeter, DC and AC voltage measurement, Resistance measurement Continuity test, Diode measurements, Capacitance measurement
- 10) PTZ control and PTZ protocol analysis
PTZ address scan, search up the ID of PTZ camera.
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

11) Network cable and Telephone cable testing, display the sequence of connection and the No.
 of the LAN cable

12) Support RS232/RS485,rate 600 ~ 115200bps adjustable

13) Built in Lithium Ion Polymer Battery (3.7V DC 3000mAh)

The device employs advanced power control and protection circuit. The device is high
 power-efficient, energy saving and environmental protection. It can last 11 hours for normal
 use after charging for 3-4 hours

14) Image display and data control integration

15) Audio input test, test the audio signal from pickup devices

16) Handheld HD-TVI tester, easy to carry and operation.

Specifications

Model	M-35HD-T5
Video Test	
Signal mode	NTSC/PAL (Auto adapt)
Display	3.5 inch digital TFT-LCD ,480 (RGB) x 320 resolution
LCD adjustment	Brightness, Contrast, Saturation adjustable
Video IN/OUT	1 channel BNC Input & 1 channel Output
Video Output Mode	1.0 Vp-p
Video Level test	
Level test	Video signals measured in IRE or mV
PTZ controller	
Communication	Support RS232 and RS485
PTZ Protocol	Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, Lilin, Yaan, etc.
Baud Rate	600, 1200, 2400, 4800, 9600, 19200,57600,115200bps
Video signal generation	
Color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable (grey, red, green ,blue, white and black color)
UTP cable tester	
UTP cable test	Test UTP cable connection status and display on the screen. Read the number of the test box.
DC12V 1A power output	
DC12V power output	Output DC12V1A power for camera
Audio input test	
Audio input test	test the pickup and other audio equipments on the front-end
RS485 data analysis	
Data Monitor	Captures and analyzes the command data from controlling device
HD TVI test	
TVI video signal test	1 channel HD-TVI input (BNC interface) , support 720p 25 / 30 / 50 /

	60fps,1080p 25 / 30fps, coaxial PTZ control and calls up camera menu
Digital Multimeter	
AC/DC Voltage	0-660V auto/manual range, the min resolution is 0.1mV
AC/DC current	660.0uA , 6.600mA, 66.00mA , 660.0mA, 10.00A
Resistance	660.0Ω, 6.600kΩ, 66.00kΩ, 660.0kΩ, 6.600MΩ, 66.00MΩ
Capacitance	6.6nf~66000uF, the min resolution is 1pf
Diode	0~2V forward voltage, the min resolution is 1mV
Data hold	Hold and display the measured value
Relative measurement	Display the relative power value
Continuity testing	Built-in buzzer will sound, if resistance is lower than 50 Ω
Testing speed	3 times/ seconds
Data range	-6600~+6600
POWER	
Power Adapter	DC 5V (1.5A)
Battery	Built-in 3.7V Lithium polymer battery ,3000mAh
Rechargeable	After charging 3-4 hour, working time lasts 11 hours
Low Consumption	Energy saving technology, the battery icon real-time display
Parameter	
Operation setting	English and other languages OSD menu
Auto off	5-60 (mins)
Keystone	On/Off
General	
Working Temperature	-10℃ ~+50℃
Working Humidity	30%~ 90%
Dimension/Weight	194mm x 112mm x 48mm / 540g