

DT-A86 HD Combine Tester



Main features:

- Built-in 2 lithium batteries, POE power supply and 12V-2A power output
- 7 inch color LCD, Full HD, touch screen
- Multifunction tester: WiFi/Air spectrum and signal test (using dual antenna omnidirectional), ONVIF test, 4K CVI/AHD/TVI camera test, Signal generator, Cable TDR test, Digital multimeter, Optical power meter

SPECIFICHE	DT-A86
IPC protocol	ONVIF, RTSP, RTP
IPC test	Discovering the device, real-time video, camera configuration, PTZ test, discovering ONVIF device cross the network segment
IPC image test	H265/H264 decoding, support 4K@30FPS, local zoom preview (at 8 levels)
WiFi Spectrum test	Support 2.4G and 5G frequency band, spatial frequency band signal scanning and detection, and spatial noise (interference) signal detection
WiFi Signal monitoring	Support 2.4G and 5G frequency band quick monitoring of signal change, refresh frequency: 1-10Hz
POE test	The tester supplies the power. 802.3 at 25.5Wmax, PD actual power and voltage detection
Analog video test	Support format NTSC/PAL/HD-CVI3.0 standard /AHD3.0 standard /HD-TVI3.0 standard
Video input / output	BNC video 1Vpp
Video digital zoom	Support zoom at 8 level
Video signal generator	Sending PAL/NTSC video test signal, sending CVI, AHD and TVI video test signal (720P/1080P)
HDMI signal test In/Out	720P 25/30/50/60Fps 1080P 25/30/50/60Fps
Audio test	1 x Audio signal input
Coaxial PTZ control test	Video IN BNC interface
Coaxial PTZ protocol	CVI protocol (Dahua coax), AHD protocol (Pelco c) and TVI protocol (Hikvision)
485 PTZ control test	More than 30 protocols, including Pelco-D/P, Samsung, Panasonic, Lilin and Yaan
Baud rate	150, 300, 600, 1,200, 2,400, 4,800, 9,600 and 19,200bps
WiFi test	Support 2.4 e 5Ghz frequency band, connection information (delay detection, packet loss and rate)
Ethernet test	10/100/1000 detection - Loop, DHCP, traffic, quality
TDR cable test	Testing the length of network cable (4 pairs). Resolution: 0.1 meter; Accuracy: 1 meter. The maximum length of the measured cable is 130-200 meters (depending on the wire rod)
POE test	The tester receive/supplies the power. 802.3at 25.5Wmax, PD actual power detection
Head led	2 x 35lm LED, wide angel
Interface	Dual-port RJ45 Ethernet 1Gbs, support serial connection
Display	7.0" TFT 1920x1200 resolution - 16.7 M color
Battery	2x lithium battery pack capacity of 18.5Wh
Power supply	12V - 1.5A 18W max - Charging time 3/4 hours
Power saving	Auto power off setting
Working humidity	30% ~ 90%
Working temperature	-10° ~ +55°C
Dimension (HxWxD)	236.5 x 133.4 x 45.4mm



1	RESET	"Reset" button: If necessary, use ball-point pen or other appropriate small tools to press down the keys inside the small hole to restart the tester.
2	AUDIO	Audio input port: 3.5MM Audio input port.
3	DC12 CHARGE	12V/2A charging interface
4	DDMM FUSE	Multimeter fuse: It can be replaced after having been fused.
5		Digital multimeter, Headset and extension interface
6		Digital multimeter, Measuring current (AC / DC)
7		Digital multimeter, Common interface
8		Digital multimeter, Measure voltage (AC / DC), resistance, capacitance, diode, and circuit ON/OFF.
9	OUT PUT HDMI	Output HDMI test signal
10	IN PUT HDMI	Input HDMI test signal



1	12V/2A output jack. Outer diameter: 4mm, Inner needle: 1.65mm.
2	MICRO USB jack. It is used to connect with the computer host.
3	USB HOST extension interface
4	RS485 control output. It is used for PTZ control.
5	Analog video input BNC connector
6	Analog video output BNC connector
7	Fiber connector for optical power meter
8	Network port 1 (blue), with POE power supply output function.
9	Network port 2 (green), with POE power supply input detection function, which is also the device charging input port.
10	LED lighting (flashlight)



Signal generator / Camera test / HDMI signal test

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Digital multimeter is a combination of various electrical measuring instruments, with data recording function for later analysis

ONVIF test to discovering, acquiring and display the camera
Support PTZ control and configuration camera



Optical power meter of laser transmission, with calibration, data recording and saving report to eliminated intermittent problems
The wavelength range covers 850 ~ 1625nm

WiFi /Air spectrum - WiFi Tools to detect and monitoring signal at 2.4/5.0Ghz frequency band
Cable TDR to test/measure length/connection of RJ45 cable
POE test



Accessories:



Carrying Bag



Multi Cable

AC/DC Adapter