



HD COMBINE TESTER (FIVE IN ONE)  
 +DMM, H.265/H.264 IP CAMERA;  
 TVI (8MP), AHD (5MP), CVI (8MP);  
 HD COAXIAL COLOR BAR  
 GENERATOR, DATA MONITOR, TDR,  
 CABLE QUALITY TEST, DIGITAL  
 MULTIMETER



## RT2B2MBT

### SPECIFICATIONS

#### PTZ CONTROL TEST FUNCTION

Communication protocol	Hikvision coaxial, PELCO-C coaxial, Hikvision, Pelco-D/P, Samsung, Panasonic, Lilin, Yaan.more than 30 protocols
Baud rate	150, 300, 600, 1200, 2400, 4800, 9600, 19200bps

#### TDR RJ45 CABLE TEST FUNCTION

RJ45 Cable Test	0~200m RJ45 cable test, open/short/broken wire, resolution 1m
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#### DEVICE

Display	4.0inch TFT 800*RGB*480(WVGA) resolution, 16.7M color, back light level adjustable
Internal Storage	8GB flash
LED Torch	Two 35lm LED, can turn on individually when device is off.
Operation	Power button, main control keypad of 12 keys, swing QWERTY keyboard of 45 keys.
Language	Chinese, English, French, Spanish, Germany, Turkish, Russian, Czech, Hebrew, Romanian, Serbian, User optional
Keypad Tone	On/Off
Software Upgrade	Online upgrade

#### POWER

Power Input	POE switch or POE injector
POE Injector	Input AC100~230V 50~60Hz, output 48V/15W
Battery	Dedicate li-polymer battery, user replaceable, capacity 22.2Wh
Power Output	POE (802.3af, 802.3at) 12V/2A output
Battery Work Time	Charge 3~4 hours, working time 10 hours

#### OTHER OPERATING CONDITION

Working Temperature	-10°C~+55°C
Working Humidity	30%~90%
Device Dimension	190x113x37mm
Weight	0.5kg(device with battery)/1.6kg(gross)

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### SPECIFICATIONS

MODEL	RT2B2MBT
<b>INTERFACE</b>	
Network Interface	Dual 10/100/1000M RJ45, support switch mode
Function Interface	Dual BNC connector(Video input/output), RS485comm, audio input, USB, reset button
<b>IP CAMERA TEST FUNCTION</b>	
Protocol	ONVIF, RTSP, RTP
Ethernet Test	10/100/1000M Ethernet Link test; link speed test; DHCP client and server Ethernet loop detect; Ethernet flow monitor; Link quality indicator;
IP Configuration	Static IP/ DHCP client/ DHCP server
IPC Setting	Manual IP/ DHCP client/ DHCP Server/Multiple DHCP detect/auto DHCP status switching
IPC Test	Discover, inter-subnet discover, camera list, camera snapshot for fast camera indication, real time video, camera network setting, PTZ test, audio test, full screen display of video, digital zoom of video(8 steps), save snapshot, record video(original stream), UDP/TCP switching, packet lost indicator, camera profile setting.
IPC Image Test	H.265/H.264 Encode, Support 4K@30FPS
Physical Port	Dual-port RJ 45 Ethernet 1Gbps
<b>POE TEST FUNCTION</b>	
PD Test	The tester is power input, 802.3at; power supply voltage detection
PSE Test	The tester is power output 802.3at; 25.5W Max, PD Actual power detection
Hikvision Camera Activate	Automatic detect
<b>ANALOG SD AND HD TEST FUNCTION</b>	
HD Signal Format	NTSC/ PAL SD video Signal, HD-CVI, HD-TVI, AHD, HD video Signal Automatic adaptation
Signal Level	1Vpp
Video Resolution	D1, 720P, 1080P
Camera Test	Real time video, PTZ control, audio test, full screen preview, digital zoom of video(8 step), save snapshot, record video(H.264), video resolution and frame rate indicator.
HD OSD	Camera setting(OSD)
<b>12V POWER OUTPUT FUNCTION</b>	
Power Output	12V/2A output, Interface: Circular outer diameter 4mm, inner needle 1.6mm
<b>AUDIO TEST</b>	
Audio Test	1 audio signal input

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## TECHNICAL PARAMETERS

DIGITAL MULTIMETER SPECIFICATION (PLEASE SEE INSTRUCTIONS FOR OTHER ELECTRICAL SPECIFICATION)

RANGE, RESOLUTION AND ACCURACY (ACCURACY SPECIFICATION IS TESTED UNDER 25°C ±5°C)

FUNCTION	RANGE AND OTHER SPECIFICATION	READING RATE(SPS)	COUNTS	MINIMUM RESOLUTION	ACCURACY
DC Voltage	2V, 20V, 2000V, 600V	5	±19999	0.1mV	±0.1%+8*
AC Voltage (True RMS)	2V, 20V, 2000V, 600V	2	±1999	1mV	±1.2%+3
DC Current	20mA, 200mA, 2A	5	±19999	1uA	±0.1%+8*
AC Current (True RMS)	20mA, 200mA, 2A	2	±1999	10uA	±1.2%+3
Resistor	2kΩ, 20kΩ, 200kΩ, 2MkΩ, 20MkΩ	5	±19999	0.1Ω	±0.1%+8*
Capacitance	2nF, 20nF, 200nF, 2uF, 20uF, 200uF, 2mF, 20mF, 100mF	0.2~5	±1999	1pF	±4%+5
Diode Forward Voltage	2V	5	±19999	0.1mV	±0.1%+20
Conductivity	2KΩ	5	±19999	0.1Ω	±0.1%+20

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