

Tenma Multifunction IP Testers

www.newark.com

Newark#	25AC5238	25AC5239	46AC2448	46AC2447	46AC2449
Model#	82-20498	82-20499	72-13165	72-13160	72-13175
					
Resolution	1280*800	1280*800	1280*800	1920*1200 Retina Display	960*540
Screen Size	7.0 inch	7.0 inch	7.0 inch	7.0 inch	4.3 inch
MOQ	50 pcs	50 pcs	50 pcs	50 pcs	50 pcs
Battery capacity	7.4V / 5400mAH	7.4V / 5400mAH	7.4V / 5000mAH	7.4V / 5000mAH	7.4V / 5000mAH
SD card capacity	8G	8G	8G	8G	8G
Capacitive touch screen	Support	Support	Support	Support	Support
Drop-down menu	No support	No support	Drop-down menu, screen setting, background setting, etc	Drop-down menu, screen setting, background setting, etc	Drop-down menu, screen setting, background setting, etc
Network					
Network port	RJ45, 10M/100M auto adjust	RJ45, 10M/100M auto adjust	RJ45, 10M/100M/1000M auto adjust	RJ45, 10M/100M/1000M auto adjust	RJ45, 10M/100M/1000M auto adjust
WIFI	Built in WIFI, 150M speeds	Built in WIFI, 150M speeds	Built in WIFI, 150M speeds, create WiFi hotspot	Built in WIFI, 150M speeds, create WiFi hotspot	Built in WIFI, 150M speeds, create WiFi hotspot
Rapid video display	Rapid video, just by one key to detect all network cameras and auto display	Rapid video, just by one key to detect all network cameras and auto display	Rapid video, just by one key to detect all network cameras and auto display	Rapid video, just by one key to detect all network cameras and auto display	Rapid video, just by one key to detect all network cameras and auto display
IP Camera Test					
ONVIF	H. 264	H. 264	H.265 & H.264 & 4K	H.265 & H.264 & 4K	H.265 & H.264 & 4K
ONVIF PTZ	Support	Support	Support	Support	Support
Private IP camera protocols	supports more than 80 private IP camera protocols. Customized service available	supports more than 80 private IP camera protocols. Customized service available	supports more than 80 private IP camera protocols. Customized service available	supports more than 80 private IP camera protocols. Customized service available	supports more than 80 private IP camera protocols. Customized service available
Mobile apps of IP cameras	No support	No support	Support, user self install apps (Android version)	Support, user self install apps (Android version)	Support, user self install apps (Android version)
IP camera and analog camera test synchronously	No support	No support	dual window displays IP & CVBS	dual window displays IP & CVBS	dual window displays IP & CVBS






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Network Test	IP address scan, link monitor, Ping test, DHCP, network bandwidth test	IP address scan, link monitor, Ping test, DHCP, network bandwidth test	IP address scan, link monitor, Ping test, DHCP, network bandwidth test	IP address scan, link monitor, Ping test, DHCP, network bandwidth test	IP address scan, link monitor, Ping test, DHCP, network bandwidth test
Traffic monitoring of the tester "Lan port"	No support	No support	display network port or wifi connection real-time upload and download speeds and other network parameters	display network port or wifi connection real-time upload and download speeds and other network parameters	display network port or wifi connection real-time upload and download speeds and other network parameters
Hikvision and Dahua test tool	Support	Support	Support	Support	Support
Analog video test					
video format	NTSC/PAL (Auto adapt)	NTSC/PAL (Auto adapt)	NTSC/PAL (Auto adapt)	NTSC/PAL (Auto adapt)	NTSC/PAL (Auto adapt)
video input and output	1 channel BNC Input & 1 channel BNC Output	1 channel BNC Input & 1 channel BNC Output	1 channel BNC Input & 1 channel BNC Output	1 channel BNC Input & 1 channel BNC Output	1 channel BNC Input & 1 channel BNC Output
PTZ controller	Support RS485	Support RS485	Support RS485	Support RS485	Support RS232/RS485
CVBS loop test	No support	No support	the tester sends and receives color bar generator signal to check BNC cable	the tester sends and receives color bar generator signal to check BNC cable	the tester sends and receives color bar generator signal to check BNC cable
Color bar generator	Output PAL/NTSC color bars and testing image	Output PAL/NTSC color bars and testing image	Output PAL/NTSC color bars and testing image	Output PAL/NTSC color bars and testing image	Output PAL/NTSC color bars and testing image
Snapshot, Video record and playback,image zoom in, photo viewer					
Photo screenshot	Support	Support	Support	Support	Support
Video record and playback	Support	Support	Support	Support	Support
Image zoom in	4 x zoom in	4 x zoom in	4 x zoom in	4 x zoom in	4 x zoom in
Photo viewer	Support	Support	Support	Support	Support
Audio input test	1 channel audio signal input, audio recording	1 channel audio signal input, audio recording	1 channel audio signal input, audio recording	1 channel audio signal input, audio recording	1 channel audio signal input, audio recording
Audio output	support 1 channel audio output	support 1 channel audio output	support 1 channel audio output	support 1 channel audio output	support 1 channel audio output

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UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen	Test UTP cable connection status and display on the screen. Read the number on the screen	Test UTP cable connection status and display on the screen. Read the number on the screen. Support RJ 45 cable TDR test, check cable pair status, length, attenuation, reflectivity, impedance, skew etc	Test UTP cable connection status and display on the screen. Read the number on the screen. Support RJ 45 cable TDR test, check cable pair status, length, attenuation, reflectivity, impedance, skew etc	Test UTP cable connection status and display on the screen. Read the number on the screen. Support RJ 45 cable TDR test, check cable pair status, length, attenuation, reflectivity, impedance, skew etc
HDMI output	1 channel HDMI output, supports up to 1080p	1 channel HDMI output, supports up to 1080p	1 channel HDMI output, supports up to 1080p	1 channel HDMI output, supports up to 1080p and 4K	1 channel HDMI output, supports up to 1080p
HDMI Input	No support	No support	1 channel HDMI input, supports up to 1080p	1 channel HDMI input, supports up to 1080p	1 channel HDMI input, supports up to 1080p
Power Test					
POE voltage test	Measures PoE switch voltage and displays pin configuration	Measures PoE switch voltage and displays pin configuration	Measures PoE switch voltage and displays pin configuration. PoE power test	Measures PoE switch voltage and displays pin configuration. PoE power test	Measures PoE switch voltage and displays pin configuration. PoE power test
POE power output	48V PoE power output, Max up 24W	48V PoE power output, Max up 24W	48V PoE power output, Max up 24W	48V PoE power output, Max up 24W	48V PoE power output, Max up 24W
12V power output	12V 2A power output	12V 2A power output	12V 2A power output	12V 2A power output	12V 2A power output
USB 5V power output	Support, as power bank for mobile phones	Support, as power bank for mobile phones	Support, as power bank for mobile phones	Support, as power bank for mobile phones	Support, as power bank for mobile phones
Optional functions (* means the function is optional)					
Cable tracer *	No support	No support	No support	Come with cable tracer, find a connected cable from a bundle of cables using audio tones	No support

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Video level meter *	No support	No support	No support	Come with analog video level meter, perform NTSC and PAL video amplitude signal measurements for PEAK to PEAK, SYNC level and COLOR BURST chroma level	No support
HD-TVI test *	No support	5MP TVI test	8MP TVI test	8MP TVI test	8MP TVI test
HD-CVI test *	No support	2MP CVI test	8MP CVI test	8MP CVI test	8MP CVI test
AHD test *	No support	2MP AHD test	5MP AHD test, 2592x1944p 12.5/20fps,	5MP AHD test, 2592x1944p 12.5/20fps,	5MP AHD test, 2592x1944p 12.5/20fps,
SDI Input	No support	1 channel HD SDI/EX SDI input	1 channel HD SDI/EX SDI input	1 channel HD SDI/EX SDI input	No support
Power adapter	DC 12V (2A)	DC 12V (2A)	DC 12V (2A)	DC 12V (2A)	DC 12V (2A)
Working time	10 hours	10 hours	10 hours	10 hours	10 hours