X9-MOVTADHS Pro Parameters

Tester	Brand	Rsrteng
	Model	X9-MOVTADHS Pro
	CPU/RAM/ROM	4-core 2.0GHz/2GB(LPDDR4)/16GB(EMMC)
	Operating system	Android 11.0
	Display	8 inch IPS touch screen, 2048*1536 resolution, Backlit buttons
Video Mode	CVBS	1 channel BNC input & 1 channel BNC looped output, NTSC/PAL (Auto adapt)
		PTZ control, RS485 control, Baud 600-115200bps,compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic etc
		CVBS loop test, The tester send and receive CVBS color bar generator signal, check BNC cable
	IP camera test Max 8K 32MP	IP Discovery/ONVIF/IPC test /RTSP play /Client APK
		Rapid Video, Auto view the video, create testing report
		Hik test tool, pressing just one key to activate hikvision camera , Image test, can modify the user name, password and IP parameters
		Dahua test tool, Dahua camera test, modify the user name, password and IP parameters
	IP& CVBS test	IP& CVBS test at the same time, converter test from analog to digital with dual test window
	Coaxial HD test	8MP TVI camera test, 3840 x 2160P 15FPS, UTC control/call OSD menu, Support coaxial audio
		8MP CVI camera test, 3840 x 2160P 12.5F/15F,UTC control/call OSD menu
		8MP AHD camera test, 3840 x 2160P 15FPS, UTC control/call OSD menu
		8MP EX-SDI, HD-SDI, 3G-SDI camera test, UTC control & call OSD menu
	HDMI input	1 channel HDMI input, support 4K 3840x2160P 60fps
	HDMI output	1 channel HDMI output, support 4K 3840x2160P 60fps
	VGA input	N/A
	Zoom Image	4x zoom, to enlarge image, Screen snapshot, record ,save ,view and record and play back
Analog Video out	color bar generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable
Power output	DC5V/2A	USB DC5V/2A power output, as a power bank
	DC12V/3A	DC12V/3A power output ,supply temporarily power for the camera
	DC24V/2A	DC24V/2A power output ,supply temporarily power for the speed dome camera
	PoE	Standard PoE, POE+, Hi-POE(POE++) power output, max power 90W. Can drivehigh-speed dome camera via POE interface

Cable test	Cable tracer (Wire Finder)	Contains a digital cable tracer. search BNC cable, network cable and telephone cable from the mess cables. Support AC voltage detector(NVC). voltage range: AC12V-1000V, Frequency: 50/60Hz, Alarm mode: sound and light double alarm, Safety class: CAT.III 1000V / CAT.IV 600V, CE
	UTP cable test	Test UTP cable connection status and display on the screen. Read the number on the screen
	RJ45 TDR cable test	Test cable pair status, length, attenuation, reflectivity, impedance, skew etc, measurement range 180M.
	Color bar test	Support CVI TVI AHD color bar test, max 4K 8MP 15fps. Support CVBS color bar test, NTSC and PAL switchable.
Digital Multimeter (DMM)		DC and AC voltage measurement, Resistance measurement, Continuity test, Diode measurements, Capacitance measurement DC&AC voltage measurement(V): the highest range is 660V, the accuracy is $\pm$0.3%+4(DC)/$\pm$0.8%+6(AC), resolution is 100mV; DC&AC current measurement(A): the highest range 10A, accuracy $\pm$(1%+5), resolution 10mA; Resistance measurement(Ω): the highest range is 66MΩ, the accuracy is $\pm$(1.2%+2), the resolution is 10KΩ,the Lowest range is 660Ω, the accuracy is $\pm$(0.8%+5), the resolution is 0.1Ω; capacitance measurement(F):the highest range is 66mF, the accuracy is $\pm$(5%+8), the resolution is 10uF, the Lowest range is 6.6nF, the accuracy is $\pm$(0.5%+20), the resolution is 1pF; Diode measurement;At the same time, the tester's multimeter can continuity testing. Automatically adjust 0.
Optical power meter (OPM)		Wavelength: 1625,1550nm,1490nm,1310nm,1300nm,850nm, measurement range, -70 to +10 dBm, Measurement accuracy: <$\pm$3%dB (-10dBm, 22°C), <$\pm$5%dB (full scale, 22°C) Display resolution: Linear display 0.1%, logarithmic display 0.01dBm Connector: Active FC/PC
Visual fault locator (VFL)		10mW visual fault locator with 650nm wavelength, can emit red laser sources to test multi-mode and single mode fiber's bending and breakage, test range 10km(32,808 ft), Connector: Active FC/PC
TDR cable test (hardware support)		Measurable cable type: metal cable, include BNC cable, network cable, telephone cable, RVV cable and elevator cable, cat 5/6 cable's length and short circuit. measurement range 1,200m(3,937 ft)
Video level test		Analog video level meter, peak video signal level, SYNC signal level
Network interface		RJ45 Dual Gigabit Ethernet ports, 10/100/1000Mbps adaptive
Network test		Trace route, Link monitor, DHCP server, port flashing, Ping test
Wi-Fi		Built in WIFI, 2.4GHz and 5GHz, speeds:433Mbps
Audio test		1 channel audio signal input, test whether sound normal, 1 channel audio signal, to connect headphone
Data monitor		Captures and analyzes the command data from controlling device, also can send hexadecimal
Power management V2.0		View real-time data such as voltage and power of POE, DC12, DC24V output/PSE, and DC12V input.
Drop-down menu		You can select PoE power switch, IP setting, WLAN switch, HDMI IN functions etc in any interface
TesterPlay		screen projection: tester, mobile phone and PC display at the same time (only for android mobile phone)
Power supply		DC15V/2.4A
Battery		Built-in 11.1V Lithium polymer battery,3350mAh, 37.19Wh

Rechargeable	After charging 2.5 hours, normal working time 8 hours
Operation setting	OSD menu, select your desired language: English, Polish, Italian, Korean, Russian, Spanish, Japanese, French, German, Turkish, Portuguese, Vietnamese, etc.
Auto off	1 to 30(mins)
Working Temperature	-10°C to +50°C (14°F to 122°F)
Working Humidity	30% to 90%
Dimension/Weight	Tester: 260x183x43mm(10.23x7.2x1.69inch) / 1200g(2.65lbs) Package: 350x300x100mm(13.78x11.81x3.94) / 2740g(6.04lbs)

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