



# AIVO-70A8KM

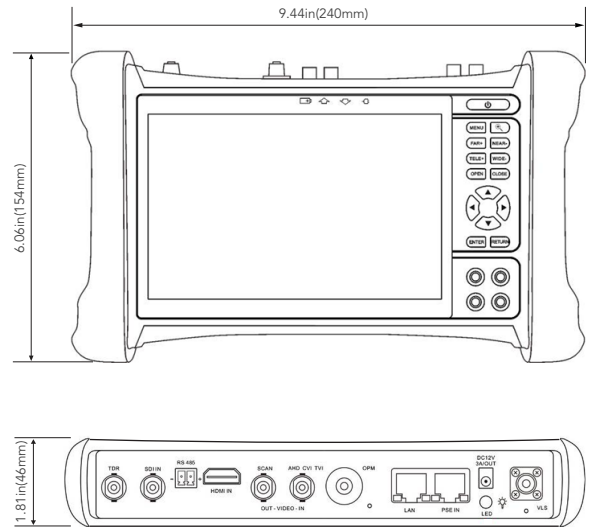
CE | FCC | IP / TVI / CVI / AHD / CVBS

Professional All-in-One Tester for CCTV Installation and Troubleshooting

## OVERVIEW

- 7 inch retina touch screen, 1920\*1200 resolution
- H.265 & H.264 IP, 8K video display via mainstream
- 8MP TVI / CVI / AHD test, 3840x2160P 15fps, 4x zoom, video record & playback, coaxial PTZ control & call OSD menu and presets
- Rapid ONVIF, Auto log in and display image, create testing report
- Pre-loaded viewing apps including AVYCON, Axis, Dahua, Hikvision, UNV, and etc.
- CVBS camera test and PTZ control
- IPC TEST (Non-ONVIF test), HIK test tool (Hikvision camera), DH test tool (Dahua camera)
- Video level meter, peak video signal level, SYNC signal level, Color bar chroma level measurement
- DC24V/2A, DC12V/3A power output, power directly from the tester
- DC48V PoE Power output, power directly from the tester
- Rapid video, just by one key to detect all network cameras and auto display
- Built in Wi-Fi, display image from the wireless camera, create Wi-Fi hotspot
- RJ45 cable TDR test, test cable pair status, length, attenuation, reflectivity, impedance, skew, and etc.
- Cable tracer to trace coaxial, twisted, and unshielded twisted pair cables
- Network tool: Ping, IP scan, Port Flash, DHCP server, Trace Route
- 8GB microSD card pre-installed
- 7.6V / 7800mAh Lithium Ion Polymer Battery 3.5 hours quick charge, up to 16 hours of battery life

## DIMENSIONS



## ACCESSORIES



MULTIMETER TEST LEADS



BNC CABLE



POWER OUTPUT CABLE



RS485 CONTROL CABLE



CABLE TRACER



TDR CABLE CLIP



TOOL BAG



CHARGER



SAFETY CORD

## SPECIFICATIONS

GENERAL	
Display	New 7 inch retina touch screen, 1920*1200 resolution
Network Port	10/100/1000M auto adjust, RJ45, Dual LAN port
WIFI	Built in WIFI, speeds 433M(5G), 150M(2.4G) allows you to connect to a wireless network and view IP cameras Operating Frequencies: 2.4G and 5.8G
8K H.265 Mainstream Test	New hardware, decoding, 8K H.265/H.264 camera image display by mainstream testing
IP discovery	Auto-scan the whole network segment camera IP
Rapid ONVIF	Search camera quickly, auto log in and display image from the camera, activate Hikvision camera
Hik Test Tool	Batch activate Hikvision camera, display image from the camera, modify Channel, batch modify IP, username and password parameters etc.
DH Test Tool	Batch activate Dahua camera, batch modify IP, modify Channel, username and password parameters etc.
IP Camera Type	ONVIF, ONVIF PTZ, Dahua IPC-HFW2100P, Hikvision DS-2CD864-E13, Samsung SNZ-5200, Tiandy TD-NC9200S2, Kodak IPC120L, Honeywell HICC-2300T, RTSP Viewer
Analog Video Test	1 channel BNC Input & 1 channel BNC Output , NTSC/PAL (Auto adapt)
Video Level Meter	PEAK video signal level, SYNC signal level, COLOR BURST chroma level measurement for CVBS camera.
Zoom Image	Supports Analog and IP camera image zooming & movement
Snapshot, Video Record and Playback	Capture current images and record live video as JPG file. Media player will view photos and playback video
HDMI IN	HDMI IN, Support 4K 30FPS, 3840x2160P 30FPS, 720x480P / 720x576P / 1280x720P / 1920x1080P 1024x768P / 1280x1024P / 1280x900P / 1440x900P
HDMI output	1 channel HDMI output, supports up to 4K 30FPS
VGA input	VGA in HD signal test
RJ45 Cable TDR Test	RJ45 cable TDR test and cable quality test, to test cable pair status, length, attenuation reflectivity, impedance, skew and other parameter.
24V 2A Power Output	Output DC24V/2A power to camera
12V 3A Power Output	Output DC12V/3A power to camera
USB 5V Power Output	5V 2A power output
PoE Power Output	48V PoE power output, Max power 25.5W
Screen Management	Under normal mode, you can change icons sequence and self-define the number of icons in each page
Theme	Self-define icons, desktop and application interface background, modify interface sliding effect.
Drop-down Menu	PoE power switch, IP setting, WLAN switch, HDMI IN functions etc screen lock, password lock screen or pattern lock
Audio Test	1 channel audio signal input and 1 channel audio signal output to connect headphones
PTZ Control	SupportRS485 control, Baud 600-115200bps, Compatible with more than 30 protocols such as PELCO-D/P Samsung, Panasonic, Lilin, Yaan, etc.
Color Bar Generator	Output one channel PAL/NTSC color bar video signal for testing monitor or video cable (red, green, blue, white and black color)
UTP Cable Tester	Test UTP cable connection status and display on the screen. Read the number on the screen
Data Monitor	Captures and analyzes the command date from controlling device, also can send hexadecimal
NET TOOL PRO	NET TOOL PRO-Cable Test, Wireless Tool, Link Tool, Full Duplex Detection, PING, IP Scan, DHCP Server, PPPOE, OUI Search, Socket Tool, DNS, LLLDP.
Cable Tracer	Using the advanced multiplexing technique, the cable tracer and cable test in the same interface. Find a connected cable from a bundle of cables using audio tones
PoE/PSE Voltage Test	Measures PoE switch voltage and displays pin configuration
FUNCTION	
AutoHD	Auto-recognize the resolution and Auto-display the image of the connected camera. Support coaxial PTZ control and call OSD menu, support up to 8MP TVI/CVI/AHD and CVBS cameras.
4K HD Coaxial Level Test	Through hardware high-speed sampling and processing technology, accurately measure video peak level, sync level and burst level.
CVI Video Signal Test	1 channel CVI input (BNC interface, resolution support 720P 25/30/50/60fps,1080P 25/30fps, 2560x1440P 25/30fps, 2592x1944 20fps, 2960x1920 20fps, 3840 x 2160 12.5/15 fps. UTC control and call OSD menu
TVI Video Signal Test	1 channel TVI input (BNC interface) ,resolution support 720P 25/30/50/60fps, 1080P 25/30fps, 2048x1536P 18/25/30fps, 2688x1520P 15fps, 2560x1440P 15/25/30fps, 2560x1944P 12.5/20fps, 3840 x 2160 12.5/15 fps, UTC control and call OSD menu
AHD Video Signal Test	1 channel AHD input (BNC interface) ,resolution support 720P 25/30fps, 1080P 25/30fps, 2048x1536P 18/25/30fps 2560x1440P 15/25/30fps, 2560x1944P 12.5/ 20fps, 3840 x 2160P 15 fps, UTC control and call OSD menu
Digital Multi-meter	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing. Testing speed: 3 times/ seconds, Data range -6600~+6600.
POWER	
External Power Supply	DC 12V 2A
Battery	Built-in 7.6V Lithium polymer battery, 7800 mAh
Rechargeable	Fasting charge, after charging 3.5 hours, normal working time 16 hours
PARAMETER	
Operation Setting	Capacitive touch screen, OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian or Polish, etc
Auto off	1-30 (mins)
MECHANICAL/ELECTRICAL	
Working Temperature	14°F(-10°C) --- 122°F(+50°C)
Working Humidity	30% - 90%
Dimension/Weight	9.44in(240mm) x 6.06in(154mm) x 1.81in(46mm) / 1.37lbs(620g)