



AIVO-70A8KM

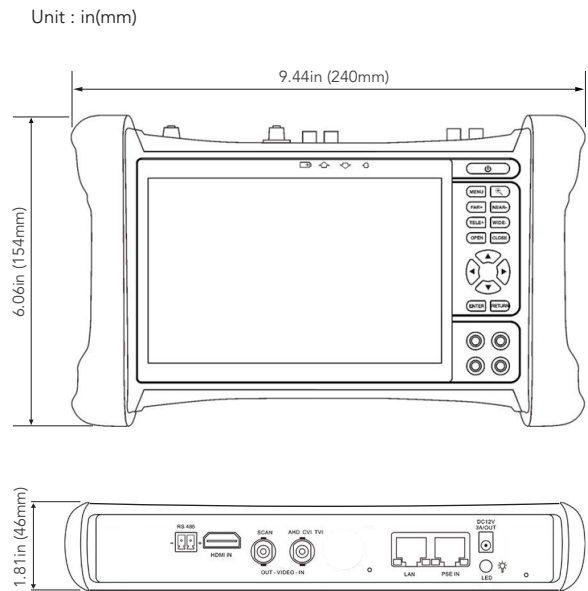
CE | FCC | IP / TVI / CVI / AHD / CVBS

7" H.265 All-in-One Tester for CCTV Installation and Troubleshooting

OVERVIEW

- 7" Touch screen with 1920 x 1200 resolution
- Supports up to 8MP(4K) HD-CVI/HD-TVI/AHD for HD Analog testing and CoC/UTC control
- Will automatically recognize HD-CVI/HD-TVI/AHD formats and resolutions for testing
- Supports H.265/H.264 decoding up to 4K resolution for IPC testing
- HDMI Input with support for up to 4K / 30fps
- HDMI Output with support for up to 4K / 30fps
- VGA input with support for up to 1920 x 1200 / 60 fps
- DC12V @ 3A, DC24V @ 2A, 802.3at/af (up to 25.5 W) PoE power output
- Support for WiFi connection and also ability to create a WiFi Hotspot
- Includes ONVIF testing tool, which can modify IPC settings & generate reports
- Ethernet Cable & RJ-45 Termination testing
- Digital cable tracer, cable search and UTP cable testing (customizable)
- Video level Meter
- Digital Multi-meter for AC/DC Voltage, AC/DC Current, Resistance

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	7" Touch Screen with 1920x1200 resolution
Supported On-Screen Languages	English, Spanish, Korean, Italian, French, Polish, Portuguese, Japanese, Turkish, German, Russian, Serbian, Czech, and Vietnamese
Network Port	Dual RJ45 10/100/1000M ports
WiFi	Built in WiFi with speeds of up to 150Mb/s (2.4 Ghz) and 433Mb/s (5.8Ghz); Ability to create WiFi hotspot for IPC testing
IPC Formats	H.265/H.264 decoding up to 8K resolution
IP Discovery	Can scan entire network for ONVIF IPCs
Rapid ONVIF	Quick ONVIF Camera Search with ability to log in to cameras automatically and display live stream from cameras
Supported IP Cameras	Cameras with ONVIF Support, Dahua, Hikvision, Samsung, Tiandy, Axis and many other brands
Included IP Tools	Dahua, Hikvision, Uniview: Batch Activation Support, Modification of IP address and credentials
Analog Video Inputs	1 channel BNC Input with NTSC/PAL Autodetection; Ability to measure Peak/SYNC signal levels and Color Burst chroma levels
Analog Video Outputs	1 channel BNC Output with configurable NTSC/PAL output
Local Media Capture	Ability to record still images from connected cameras in JPG format and live video in MP4 format; Included Media Player will allow you to review saved snapshots and video
HDMI Input	Supports the following resolutions: 4K (3840x2160p) @ 30fps, 720x480P/60fps, 720x576P/60fps, 800x600P/60fps, 1280x720P/25/30/50/60fps, 1024x768P/60fps, 1280x1024P/60fps, 1920x1080P/25/30/50/60fps, 1920x1080i/50/60fps
HDMI Output	Supports up to 4K (3840 x 2160p) @ 30 fps
VGA Input	Supports the following resolutions: 1920x1200P 60fps, 1920x1080P 60fps, 1792x1344P 60fps, 1680x1050P 60fps, 1600x1200/900P 60fps, 1440x900P 60fps, 1360x768P 60fps, 1280x1024/960/800/768/720P 60fps, 1152x870P 60fps, 800x600P 60fps, 640x480P 60fps
Direct Current (DC) Power Output	DC12V at Max. 3,000mA Output, DC24V at Max. 2,000mA
USB 5V Power Output	5V 2A power output
PoE Power Output	802.3af/at Output, Max. 25.5W
PoE/PSE Voltage Test	Measures PoE switch/injector voltage and displays pin configuration
Drop Down Shortcut Menu	PoE power switch, IP settings, WiFi switch, HDMI Input functions, Screen lock, Password lock screen or Pattern Lock
Audio Testing	1 Channel Audio Signal Input, 1 Channel Audio Output with headphone connection
PTZ Control	Supports RS-485 and CoC/UTC serial communication, with baud rate of 600 - 115200bps. Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, Lilin, Yaan, etc.
Color Bar Generator	NTSC/PAL Color bar video signal for testing monitor or video cable (RGB, White, and Black)
RTSP Streaming	Can configure device to support access to screen display via RTSP (H.264)
RJ45 Cable TDR Testing	TDR and cable quality test with ability to test cable pair status, length, attenuation, reflectivity, impedance, and skew
UTP (Unshielded Twisted Pair) Cable Testing	Digital cable tracer, cable search and UTP cable testing (customizable)
RS-485 Data Monitoring	Can capture/analyze and send RS-485 data from compatible devices. Can also send data in hexadecimal format.
Advanced Networking Tools	WiFi Tool, Link Tool, Full Duplex Detection, Ping, IP Scan, DHCP Server, PPPoE, OUI Mac Address Search, Socket Tool, DNS, LLDP
HD ANALOG	
Formats	Will automatically recognize HD-CVI / HD-TVI / AHD formats/resolutions for testing. Supports CoC / UTC for PTZ and OSD Menu Control
HD-TVI Video Signal	BNC Input, supporting resolutions of up to 8MP/4K: 3840x2160P @ 12.5/15fps, 2592x1944P @ 12.5/20fps, 2688x1520P @ 15fps, 2560x1440P @ 18/25/30fps, 2048x1536P @ 18/25/30fps, 1920x1080P @ 25/30fps, 1280x720P @ 25/30/50/60fps
HD-CVI Video Signal	BNC Input, supporting resolutions of up to 8MP/4K: 3840x2160P @ 12.5/15fps, 2880x1920P @ 20fps, 2592x1944P @ 20fps, 2560x1440P @ 25/30fps, 1920x1080P @ 25/30fps, 1280x720P @ 25/30/50/60fps
AHD Video Signal	BNC Input, supporting resolutions of up to 8MP/4K: 3840x2160P @ 15fps, 2592x1944P @ 12.5/20fps, 2560x1440P @ 18/25/30fps, 2048x1536P @ 18/25/30fps, 1920x1080P @ 25/30fps, 1280x720P @ 25/30/50/60fps
Digital MultiMeter	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data Hold, Relative measurement, Continuity testing Testing speed: 3 Hz, Data range -6600~+6600
POWER	
External Power Supply	DC 12V @ 1A
Battery	Built-in 7.4V Lithium ion battery, 7800 mAh
Typical Battery Life	Up to 16 Hours in full operation (typical 3-4 hour charging time needed)
Power Saving	Configurable Auto-Power Off function from 1 - 30 mins
MECHANICAL/ELECTRICAL	
Working Temperature	14°F (-10°C) - 122°F (50°C)
Working Humidity	30% - 90% Relative Humidity
Dimensions / Weight	9.44in (240mm) x 6.06in (154mm) x 1.81in (46mm) / 1.37lbs (620g)