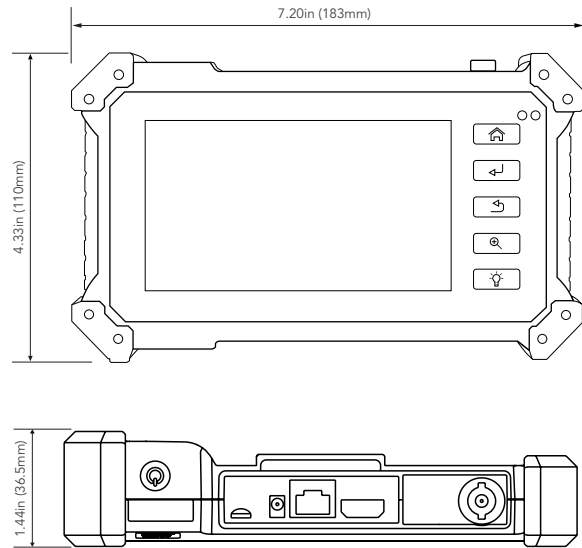**AVYCON**®

AIVO-54T4K

CE | FC | IP / HD-TVI / CVI / AHD / CVBS

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

OVERVIEW

- 5.4" Touch Screen with 1920 x 1152 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/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
- VGA input with support for up to 1920 x 1200 / 60 fps
- DC12V @ 3A, 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)

DIMENSIONS

ACCESSORIES

| BNC CABLE | DC POWER CABLE | RS485 CONTROL CABLE | TOOL BAG | CHARGER | SAFETY CORD | WRIST BELT | AUDIO CABLE |

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SPECIFICATIONS

GENERAL	
Display	IPS 5.4" Touch Screen with 1920x1152 resolution
Supported On-Screen Languages	English, Spanish, Korean, Italian, French, Polish, Portuguese, Japanese, Turkish, German, Russian, Serbian, Czech, and Vietnamese
Network Port	Single RJ45 10/100/1000M port
WiFi	Built in WiFi with speeds of up to 150Mb/s; Ability to create WiFi hotspot for IPC testing
IPC Formats	H.265/H.264 decoding up to 4K 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
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 videos 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, 1920x1080P/50/60fps
HDMI Output	N/A
VGA Input	Supports the following resolutions: 1920x1200P 60fps, 1920x1080P 60fps, 1792x1344P 60fps, 1680x1050P 60fps,1600x1200/900P 60fps1440x900P 60fps, 1360x768P 60FPS, 1280x1024/960/800/768/720P 60fps, 1152x870P 60fps,1024x768P 60fps, 800x600P 60fps, 640x480P 60fps
Direct Currect (DC) Power Output	DC12V at maximum 3,000mA Output
USB 5V Power Output	N/A
PoE Power Output	802.3af/at Output, maximum current of 25.5W
PoE/PSE Voltage Test	N/A
Drop Down Shortcut Menu	N/A
Audio Testing	1 Channel Audio Signal Input
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	N/A
RTSP Streaming	Can configure device to support access to screen display via RTSP (H.264)
RJ45 Cable TDR Testing	N/A
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	N/A
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	N/A
POWER	
External Power Supply	DC 12V @ 1A
Battery	Built-in 7.4V Lithium ion battery, 3350 mAh
Typical Battery Life	5-6 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	7.20in (183mm) x 4.33in (110mm) x 1.44in (36.5mm) / 11.2oz (320g)

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