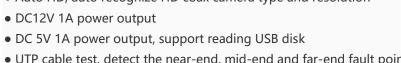# 5" AHD CVI TVI EX-SDI CVBS Camera Tester VGA & 4K HDMI input
Model: HD-3100 series

● 5 inch TFT-LCD screen, 800*480 resolution
● 8MP CVI/ TVI/ AHD camera test
● 8MP EX-SDI, HD-SDI, 3G-SDI test*
● VGA input, support 1920 x 1200P 60FPS
● HDMI Input, support 4K 30FPS
● Analog camera test, PAL/NTSC auto adapt
● Auto HD, auto recognize HD coax camera type and resolution
● DC12V 1A power output
● DC 5V 1A power output, support reading USB disk
● UTP cable test, detect the near-end, mid-end and far-end fault point of the RJ45 cable plug

Features

Camera test:

● 5 inch TFT-LCD screen, 800*480 resolution
● 8MP TVI test, 3840 x 2160P 12.5/15 FPS, coaxial PTZ control & call OSD menu
● 8MP AHD test, 3840x2160P 15 FPS, coaxial PTZ & call OSD menu
● 8MP CVI test, 3840 x 2160P 12.5/15FPS, coaxial PTZ & call OSD menu
● 8MP EX-SDI test, 3840 x 2160P 25/30FPS, coaxial PTZ & call OSD menu*
● HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, coaxial PTZ & call OSD menu*
● 3G-SDI test, 1920 x 1080P 50/60 FPS, coaxial PTZ & call OSD menu*
● Auto HD app, auto recognize HD coax camera type and resolution, support coaxial PTZ & call OSD menu
● VGA input, up to 1920 x 1200P 60FPS, support snapshot, video record & playback
● HDMI Input, up to 4K 30FPS, support snapshot, video record & playback
● CVBS camera test, PTZ controller
● DC12V/1A power output, camera can be powered from DC 12 Voltage
● DC 5V 1A power output, support reading USB disk

Cable test:

● Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, can save testing report, if special number, need customized. Can detect the near-end, mid-end and far-end fault point of the RJ45 cable plug
● Digital Cable tracer, search BNC cable, network cable and telephone cable from the mess cables. Cable search and UTP cable can test at the same time *

Other Functions:

● Media player, video files and MKV/MP4 media files play.
● High brightness LED light
● Audio in, test whether sound normal
● Power manager function, view 12V supply voltage and power in real time, can detect whether the voltage and power of DC 12V power output is normal
● 3.7 V /5200mAh Lithium Ion Battery, after 4 hours charging, working time lasts 6.5 hours

Specifications

LCD	Item series	HD-3100 series
	Display	New 5 inch TFT-LCD screen, 800*480 resolution
Video Mode	CVBS	1 channel BNC input, 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
	HD Coaxial test	8MP TVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control/ call OSD menu
		8MP CVI camera test, 3840 x 2160P 12.5/15 FPS, UTC control / call OSD menu
		8MP AHD test, 3840 x 2160P 15FPS, UTC control / call OSD menu
		8MP EX-SDI, HD-SDI, 3G-SDI, UTC control / call OSD menu *
		Auto HD app, auto recognize HD coax camera type and resolution, support coaxial PTZ & call OSD menu
	HDMI input	1 channel HDMI input, support 4K 30FPS. The resolution as follow: 4K_3840 x 2160/2K_2560 x 1440P/ 1920×1080P /1920×1080i /720×480P /720×576P /1280×720P/1024×768P/1280×1024P /1280×900P /1440×900P, etc
	VGA input	1 channel VGA input, support 1920 x 1200P 60FPS. The resolution as follow: 1920 x 1200P 60FPS/ 1920×1080P 60FPS /1792×1344P 60FPS /1680x 1050P 60FPS/(1600x1200P/900P 60FPS)/1440x900P 60FPS/1360x768P 60FPS/(1280x1024/960/800/768/720P 60FPS))/1152x870P 60FPS/1024x768P 60FPS/800x600P 60FPS/600x480P 60FPS
Power output	DC12V 1A output	DC12V 1A power output, supply temporarily power for the camera
	DC5V 1A output	DC5V 1A power output, support reading USB disk
Cable test	**Digital Cable tracer ***	Search BNC cable, network cable and telephone cable from the mess cables. Cable search and UTP cable can test at the same time *
	UTP cable test	Test UTP cable connection status and display on the screen. Can detect the near-end, mid-end and far-end fault point of the network cable crystal head.
Audio test	1 channel audio signal input, test whether sound normal.	
Power management	Display DC 12V input & output voltage and power in real time	
Data monitor	Captures and analyzes the command data from controlling device, also can send hexadecimal	
External power supply	DC 5V 2A	
Battery	Built-in 3.7V Lithium polymer battery, 5200mAh	
Rechargeable	After charging 4 hours, normal working time 6.5 hours	
Operation setting	OSD menu, select your desired language: English, Chinese, Korean, Russian, Italian, French, Polish, Spanish, Japanese, Deutsch, Turkish, Portuguese, Czech etc	
Auto off	1-30 (mins)	
Working Temperature	-10℃---+50℃	
Working Humidity	30%-90%	
Dimension/ Weight	184mm x 110mm x 41mm / 0.4kg	

Note: "*" sign mean functions are customizable

The data above is only for reference and any change of them will not be informed in advance. For more detailed technical inquiries, please feel free to contact us