5 inch 4 IN 1 HD CCTV Tester

8MP TVI CVI AHD+4K HDMI in +VGA input

Model : ON-TM3100S (no SDI)

Model : ON-TM3200S-S (with SDI)

HD Analog Coax CCTV Tester

- 5 inch TFT-LCD screen, 800*480 resolutions
- 8MP CVI/ TVI/ AHD camera /test, support UTC control & call OSD menu
- Analog camera test, PTZ control
- 8MP EX-SDI, HD-SDI, 3G-SDI test* **(optional)**
- 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, near-end, mid-end and far-end fault test of RJ45 cable plug
- With the high brightness LED lighting, convenient to work in the dark

Note: this item is not touch screen, and it does not support IP, Onvif, PoE camera ,do not support video recording and playback etc

Model name details below:

ON-TM3100S : 8MP TVI CVI AHD Analog + **4K 30 FPS HDMI IN +VGA input**

ON-TM3100SC : 8MP TVI CVI AHD Analog + **4K 30 FPS HDMI IN +VGA input+ digital cable tracer**

ON-TM3200S-S : 8MP TVI CVI AHD Analog + **4K 30 FPS HDMI IN +VGA input** + **HD SDI/3G SDI/EX SDI 2.0**

ON-TM3200SC-S : 8MP TVI CVI AHD Analog + **4K 30 FPS HDMI IN +VGA input** + **HD SDI/3G SDI/EX SDI 2.0+ Digital cable tracer**

Comparison Table:

Note: digital cable tracer is optional function

Features/ Model	ON-TM3100S	ON-TM3100SC	ON-TM3200S-S	ON-TM3200SC-S
8MP AHD	√	√	√	√
8MP TVI	√	√	√	√
8MP CVI	√	√	√	√
HD-SDI/3G-SDI/4K EX-SDI 2.0*	X	X	√	√
HDMI INPUT 30 FPS	√	√	√	√
VGA IN	√	√	√	√

Integrated Lithium Ion battery	3.7V/ 5200mAh	3.7V/ 5200mAh	3.7 V/5200mAh	3.7 V/5200mAh
Digital Cable tracer*	X	√	X	√
Upgrade UTP cable test, check fault of RJ45 cable connector	√	√	√	√

Application

The 5 inch TFT-LCD screen HD CCTV tester is designed for maintenance and installation of HD coaxial cameras, UTP cable test as well as other security equipment. The 800*480 resolution enables it to display HD cameras and analog cameras in high resolution. CCTV installers often need to carry a variety of testing tools to complete their work. If take the all in one camera tester, making working conditions safer and increasing productivity.

- CCTV system installation and maintenance
- Network cabling project installation and maintenance
- TVI CVI AHD SDI camera testing
- PTZ controller

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*
- 3G-SDI test, 1920 x 1080P 50/60 FPS, coaxial PTZ & call OSD menu*
- EX-SDI2.0 test, 3840 x 2160P 25/30FPS, coaxial PTZ & call OSD menu* **(Optional)**
- HD-SDI test, 1920 x 1080P 25/30/50/60 FPS, coaxial PTZ & call OSD menu***(Optional)**
- Auto HD app, auto recognizes HD coax camera type and resolution, support coaxial PTZ & call OSD menu.
- VGA input, up to 1920 x 1200P 60FPS
- HDMI Input, up to 4K 30FPS
- CVBS camera test, PTZ controller
- DC12V/1A power output, supply temporarily power for the camera
- DC 5V 1A power output, support reading USB disk

Cable test:

- Improvement cable tester, UTP cable, telephone cable etc order and connectivity test, 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 **(Optional)**

Other Functions:

- With the high brightness LED lighting, convenient to work in the dark
- Audio in, test whether sound normal.
- Power manager function, view 12V supply voltage and power in real time, check whether the voltage and power of DC 12V power output is normal.
- 3.7 V /5200mAh Li Battery, after 4 hours charging, working time lasts 6.5 hour**s**

Specification

LCD	Item series	**ON-TM3100S (no SDI) / ON-TM3200S (with SDI)**
	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
		EX-SDI2.0, HD-SDI, 3G-SDI, UTC control / call OSD menu *** (Optional)**
		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*2160/2K_2560*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, max support 1920 x 1200
Power output	12V/1A power output	DC12V/1A power output, supply temporarily power for the camera
	5V 1A power output	5V 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 *** (Optional)**
	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 RJ45 cable plug
Audio test		1 channel audio signal input, test whether sound normal.
Power management		Display DC 12V input & output voltage and power in real time
Power		
External power supply		DC 5V 2A
Battery		Built-in 3.7V Li-ion 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

Packing kits

1) Tester
2) Network cable tester
3) Adaptor DC5V 2A
4) Polymer lithium ion battery (3.7V DC 5200mAh)
5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/ Safety cord