**Multi-functions CCTV Tester**

 TECHNOLOGY

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| **HD-3000 series︱4K HD camera test** |

 **5 inch 4 IN 1 HD CCTV Tester**

● 5 inch TFT-LCD screen, 800\*480 resolutions

● 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 network cable crystal head



**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 resolutions

 ● 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 network cable crystal head.

● 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 hour**s**

**Specification**

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| LCD | Item series  |   **HD-3000 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 | 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 \* |  |
| 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 |
| Power |
| External power supply | DC 5V 2A |
| Battery | Built-in 3.7V Lithium 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) Lithium ion battery (3.7V DC 5200mAh)

5) Tool bag / DC Power cable/BNC cable/ RS485 cable/ Audio cable/Wrist belt/ Safety cord