

Code: CS-HB-71M

## MULTI-FUNCTIONAL CCTV TESTER **CS-HB-71M**

Net: **688.22 EUR** Gross: **688.22 EUR**

Multi-functional tester of AHD, HD-CVI, HD-TVI, HD-SDI, IP cameras, analog cameras, Speed Dome (PTZ) cameras has implemented many additional functions, necessary during initialization of the CCTV installation system.



### SPECIFICATION

|                                                 |                                                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video standard:                                 | AHD-H, HD-CVI, HD-TVI, HD-SDI, TCP/IP, PAL, NTSC                                                                                                                                                                                                                                                                 |
| Display:                                        | 7 " - capacitive touch screen, 1024 x 600 px                                                                                                                                                                                                                                                                     |
| Video input:                                    | <ul style="list-style-type: none"><li>• 1 pcs AHD / CVI / TVI - BNC socket</li><li>• 1 pcs HD-SDI BNC socket</li><li>• 1 pcs Composite Video (CVBS) - BNC socket</li></ul>                                                                                                                                       |
| Video output:                                   | <ul style="list-style-type: none"><li>• 1 pcs Composite Video (CVBS) - BNC socket</li><li>• 1 pcs HDMI</li></ul>                                                                                                                                                                                                 |
| Port LAN:                                       | 2 pcs - PoE cameras and switches support                                                                                                                                                                                                                                                                         |
| Audio input:                                    | 1 pcs Mini Jack                                                                                                                                                                                                                                                                                                  |
| Audio output:                                   | 1 pcs Mini Jack                                                                                                                                                                                                                                                                                                  |
| Video signal level meter:                       | mV (for PAL) IRE (for NTSC)                                                                                                                                                                                                                                                                                      |
| Video signal generator:                         | <ul style="list-style-type: none"><li>• Test signal generator</li><li>• Eight color-bars generating in multi-tv-system modes</li><li>• It is possible to generate the red, white, black, blue or green screen image</li></ul>                                                                                    |
| Serial ports:                                   | RS-232, RS-485                                                                                                                                                                                                                                                                                                   |
| Protocols:                                      | Support for over 30 RS485 protocols : Pelco-D, Pelco-P, SAMSUNG, SAMSUNG SPD, Siemens, PANASONIC, LILIN, YAAN, LG Multix, ALEC, Santachi, VICON, Fastrax, MOLYNX, KALATEL, MINKING, Bosch OSRD, Hikvision, SONY-EVI, LG-MULTIX, TeleEye DM2, DH-YTC 06, CBC, LC-NEW, WV-CS850, DAT-SD, Vcltp, AD 168(M-B) HD 600 |
| Baud rates:                                     | 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 115200 b/s                                                                                                                                                                                                                                                         |
| LAN (twisted-pair) or telephone cables testing: | UTP cables or phone lines connecting test with RJ-45 connectors                                                                                                                                                                                                                                                  |
| RS-485, RS-232 lines test:                      | Data analysis from control device (the commands are displayed in hexadecimal)                                                                                                                                                                                                                                    |
| Wi-Fi module:                                   | ✓                                                                                                                                                                                                                                                                                                                |
| Identification the wire in the group of wires:  | ✓                                                                                                                                                                                                                                                                                                                |
| Audio test:                                     | ✓                                                                                                                                                                                                                                                                                                                |

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|-----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Digital multimeter:               | Measurement : voltage, current, resistance, continuity test, diode test, electrical capacity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Optical power measurement:        | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| TDR reflectometer:                | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Operation as power source:        | <ul style="list-style-type: none"> <li>• 12 V DC / 2 A</li> <li>• 5 V DC / 2 A from USB port</li> <li>• 48 V (PoE, LAN), 24 W</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Battery power supply:             | <ul style="list-style-type: none"> <li>• Battery 6600 mAh</li> <li>• 12 V DC / 2 A (power adapter included)</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Estimated battery operation time: | max. 16 hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Operation:                        | Graphical menu - touch control and by using the buttons                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main features:                    | <ul style="list-style-type: none"> <li>• AHD cameras test</li> <li>• HD-CVI cameras test</li> <li>• HD-TVI cameras test</li> <li>• HD-SDI cameras test</li> <li>• PAL/NTSC cameras test</li> <li>• IP cameras test</li> <li>• Searching and view of IP cameras compatible with Onvif</li> <li>• Motor units and PTZ (Speed Dome) cameras control</li> <li>• IP cameras view from embedded applications - gDMSS Lite, gDMSS HD Lite, iVMS-4500 HD, BSR MPlayer, Easy Mobile, MEye, NetVideo, PT-VSS, Wision, TSee, iCam Player, XMEye, FreeIP PRO, Fseye</li> <li>• Test signal generator</li> <li>• LAN connections monitoring</li> <li>• IP addresses scanner</li> <li>• PING - test the link using ICMP packets</li> <li>• Detection of the connected port in switch</li> <li>• LAN (twisted-pair) cables testing</li> <li>• PoE cameras and switches support</li> <li>• PoE power meter</li> <li>• DC 5V / 12V / 48V power source</li> <li>• Identification the wire in the group of wires</li> <li>• Digital Multimeter</li> <li>• Data monitor - serial port data analysis (RS-485 or RS-232)</li> <li>• Audio test</li> <li>• Video recording to micro SD card with playback possibility - 8 GB included</li> <li>• Playback the records</li> <li>• Calculator</li> <li>• Flashlight built-in</li> </ul> |
| Operation temp:                   | -10 °C ... 50 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Permissible relative humidity:    | 30 % ... 90 %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Weight:                           | 1.18 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Dimensions:                       | 254 x 176 x 55 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Supported languages:              | English, Chinese Simplified, Chinese Traditional, French, Spanish, Korean, Polish, Russian, Italian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Guarantee:                        | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## PRESENTATION

Front panel (main menu options visible):



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Bottom view:



Top view:



Rear view:



Main menu:



In the kit:



The tester with accessories housed in a handy bag:



## OUR OPINIONS

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- Attention! The device is not intended to continuous work 24/7.

#### PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|

