

Code: CS-H9-80H

## MULTI-FUNCTIONAL CCTV TESTER **CS-H9-80H**

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



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|---------------------------|---|
| Video standard:           | <ul style="list-style-type: none"> <li>• AHD - 8 Mpx,</li> <li>• HD-CVI - 8 Mpx,</li> <li>• HD-TVI - 8 Mpx,</li> <li>• TCP/IP - 4K,</li> <li>• CVBS - PAL / NTSC</li> </ul>                           |
| Display:                  | 8 " Retina - capacitive touch screen, 2048 x 1536 px  |
| Video input:              | <ul style="list-style-type: none"> <li>• 1 pcs AHD / HD-CVI / HD-TVI / CVBS - BNC socket</li> <li>• 1 pcs HDMI</li> </ul>   |
| Video output:             | <ul style="list-style-type: none"> <li>• 1 pcs 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: | AHD, HD-CVI, HD-TVI, CVBS : Peak level, Sync level, Burst   |
| Video signal generator:   | <ul style="list-style-type: none"> <li>• Test signal generator</li> <li>• Generating eight color bars in PAL / NTSC standards</li> <li>• It is possible to generate a blue or black screen</li> </ul> |



# DATA SHEET

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| Serial ports:                                    | RS-485   |
| Protocols:                                       | Support for over 30 RS485 protocols : Pelco-D, Pelco-P, YAAN, YAAN-O, YAAN-1, SAMSUNG, PANASONIC, Lilin-FAST, Lilin-MLP2, MOLYNX, MINKING A01, Fastrax, CBC, LC-NEW, WV-CS850, SONY-EVI, LG-MULTIX, DAT-SD, VICON, Vcltp, DH-YTC 06, Santachi, Bosch OSRD, TeleEye DM2, HD 600, Hikvision, KALATEL ASC, AD 168(M-B), SAMSUNG SPD, Siemens, Cohu, MINKING B01, ALEC |
| Baud rates:                                      | 150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 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:                                      | ✓  |
| Digital multimeter:                              | Measurement : voltage, current, resistance, continuity test, diode test, electrical capacity   |
| Optical power measurement:                       | —  |
| VLS (VFL) - Visual Fault Locator of fiber cable: | —  |
| TDR reflectometer:                               | Detecting and locating a cable break (UTP only)  |
| Operation as power source:                       | <ul style="list-style-type: none"><li>• 12 V DC / 2 A</li><li>• 24 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>• Li-Ion battery 7000 mAh</li><li>• 12 V DC / 2 A (power adapter included)</li></ul>   |
| Estimated battery operation time:                | max. 10 hours  |
| Operation:                                       | Graphical menu - touch control and by using the buttons  |



# DATA SHEET

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|--------------------------------|--|
| 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 - Supported image compression methods : H.265, H.264, MJPEG</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 HD Lite, gDMSS Lite, Safire Connect, Network State, XMEye, CloudSEE, Tiandy tool, Fseye, EZView, FreeIP PRO, HuaWei Tool, UNV test tool, iVMS-4500 HD Safire EasyView, MEye</li><li>• Embedded Internet browser - Google Chrome</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>• TDR reflectometer</li><li>• Digital Multimeter</li><li>• Data monitor - serial port data analysis RS-485</li><li>• The Cable tracer application - easy cable location in a disordered bundle</li><li>• Ability to display the image from the HDMI output</li><li>• Audio test</li><li>• Hotspot - Wi-Fi</li><li>• Video recording to micro SD card with playback possibility - 8 GB included</li><li>• Playback the records</li><li>• VLC Media Player application installed - the ability to play multimedia files in many popular formats (.mp3, .mp4, .avi, .mpeg and others)</li><li>• Calculator</li><li>• Quickoffice package installed - creation and reading of .docx text documents, .xlsx spreadsheets and .pptx multimedia presentations</li><li>• Flashlight built-in</li><li>• The ability to change the display theme and background</li><li>• Android 7.1</li><li>• Illuminated buttons</li></ul> |
| Operation temp:                | -10 °C ... 50 °C   |
| Permissible relative humidity: | 30 % ... 90 %  |
| Weight:                        | 1.2 kg   |
| Dimensions:                    | 263 x 182 x 43 mm  |
| Supported languages:           | Polish, English, Czech, French, Greek, Spanish, German, Portuguese, Russian, Serbian, Turkish, Italian   |
| Guarantee:                     | 2 years  |