DATA SHEET

Code: CS-H9F-80HQ

MULTI-FUNCTIONAL CCTV TESTER **CS-H9F-80HQ**

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.



Video standard:	• AHD - 8 Mpx, • HD-CVI - 8 Mpx, • HD-TVI - 8 Mpx, • TCP/IP - 4K, • CVBS - PAL / NTSC
Display:	8 " Retina - capacitive touch screen, 2048 x 1536 px
Video input:	• 1 pcs AHD / HD-CVI / HD-TVI / CVBS - BNC socket • 1 pcs HDMI
Video output:	• 1 pcs CVBS - BNC socket • 1 pcs HDMI
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:	• Test signal generator • Generating eight color bars in PAL / NTSC standards • It is possible to generate a blue or black screen
Serial ports:	RS-485

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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:	Optical power measurement in fiber optic networks (ST and SC adapters) Optical wavelength : 850, 1300, 1310, 1490, 1550, 1625 nm Range : -70 ... +10 dBm
VLS (VFL) - Visual Fault Locator of fiber cable:	Laser LD, 650 nm, 10 mW
TDR reflectometer:	Detecting and locating a cable break (UTP only)
Operation as power source:	• 5 V DC / 2 A from USB port • 12 V DC / 3 A • 24 V DC / 2 A • 48 V (PoE, LAN), 24 W
Battery power supply:	• Li-Ion battery 7000 mAh • 12 V DC / 2 A (power adapter included)
Estimated battery operation time:	max. 10 hours
Operation:	Graphical menu - touch control and by using the buttons

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Main features:	• AHD cameras test • HD-CVI cameras test • HD-TVI cameras test • PAL/NTSC cameras test • IP cameras test - Supported image compression methods : H.265, H.264, MJPEG • Searching and view of IP cameras compatible with Onvif • Motor units and PTZ (Speed Dome) cameras control • IP cameras view from embedded applications - gDMSS HD Lite, gDMSS Lite, Safire Connect, Network State, XMEye, CloudSEE Tiandy tool, Fseye, EZView, FreeIP PRO, iVMS-4500 HD Safire EasyView, MEye • Embedded Internet browser - Google Chrome • Test signal generator • LAN connections monitoring • IP addresses scanner • PING - test the link using ICMP packets • Detection of the connected port in switch • LAN (twisted-pair) cables testing • PoE cameras and switches support • PoE power meter • DC 5V / 12V / 48V power source • Identification the wire in the group of wires • TDR reflectometer • Optical power meter • VLS (VFL) - Visual Fault Locator of fiber cable • Digital Multimeter • Data monitor - serial port data analysis RS-485 • The Cable tracer application - easy cable location in a disordered bundle • Audio test • Hotspot - Wi-Fi • Video recording to micro SD card with playback possibility - 8 GB included • Playback the records • VLC Media Player application installed - the ability to play multimedia files in many popular formats (.mp3, .mp4, .avi, .mpeg and others) • Calculator • Quickoffice package installed - creation and reading of .docx text documents, .xlsx spreadsheets and .pptx multimedia presentations • Flashlight built-in • The ability to change the display theme and background • Android 7.1 • Illuminated buttons
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, Bulgarian, Czech, French, Greek, Spanish, German, Portuguese, Russian, Turkish, Italian
Guarantee:	2 years

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