DATA SHEET

Code: PFM906

MULTI-FUNCTIONAL CCTV TESTER **PFM906** DAHUA

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.



Video standard:	• AHD - 5 Mpx, • HD-CVI - 8 Mpx 4K UHD, • HD-TVI - 5 Mpx, • HD-SDI, • TCP/IP - 4K, • CVBS - PAL / NTSC
Display:	7 ", Retina - capacitive touch screen, 1920 x 1200 px
Video input:	• 1 pcs AHD / HD-CVI / HD-TVI / CVBS - BNC socket • 1 pcs HD-SDI / EX-SDI - 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:	mV (for PAL) IRE (for NTSC)
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
Protocols:	Support for over 30 RS485 protocols : Pelco-D, Pelco-P, ALEC, 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
Baud rates:	150, 300, 600, 1200, 2400, 4800, 9600, 19200, 38400, 115200 b/s

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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:	Detection and location of UTP/FTP cable break
Operation as power source:	• 12 V DC / 2 A - 2x Power socket • 5 V DC / 2 A from USB port • 48 V (PoE, LAN), 24 W
Battery power supply:	• Battery 5000 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
Main features:	• AHD cameras test • HD-CVI cameras test • HD-TVI cameras test • HD-SDI 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 - Rapid IP Discovery • 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 • Digital Multimeter • Data monitor - serial port data analysis RS-485 • Audio test • Hotspot - Wi-Fi • Video recording to micro SD card with playback possibility (not included) • Playback the records • Calculator • Flashlight built-in • Ability to change menu display style (desktop style) : Lite / Normal • Illuminated buttons
Operation temp:	-10 °C ... 50 °C

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Permissible relative humidity:	30 % ... 90 %
Weight:	1.01 kg
Dimensions:	270 x 160 x 46 mm
Supported languages:	Polish, English, French, Spanish, German, Russian, Italian
Manufacturer / Brand:	DAHUA
Guarantee:	**3 years**

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