DH-PFM906
Integrated Mount Tester

Features

- 7" IPS HD retina capacitive touch screen(1920*1200);
- Support IP, HDCVI/AHD/TVI/CVBS, SDI;
- Support HDMI Input/Output;
- Support PoE, DC12V 2A and USB5V 2A power out;
- Build-in 37Wh big capacity polymer lithium ion battery , which can last 10 hours for normal use;
- Support TDR(network cable/coaxial cable), UTP cable tester and hunting, optical cable VFL;
- Support digital multi-meter function;
- Support optical power meter test function.

Technical Specifications

Model	DH-PFM906
Physical Port	
Network Port	3* 10/100M RJ45(LAN/PSE, PD, UTP/Scan)
BNC Port	2* video in(SDI, HDCVI/TVI/AHD/CVBS), 1* video out
Function Port	1* TDR, 1* OPM, 1* VLS, 1* RS485, 1* DC12V in(charge), 1* HDMI in, 1* HDMI out, 1* audio in, 1* audio out, 1* Micro SD
IPC Test	
IP Camera Type	ONVIF (with PTZ control)
DAHUA Test Tool	Design for Dahua Camera image test, modify IP, user name and password parameters etc.
IP Camera Test	Support rapid ONVIF, auto-scan the whole network segment IP, auto log in to display the camera image, auto-modify the tester's IP to the same network segment with the scanned camera's IP; Display image from the 4K camera by main stream; Full screen preview and 5x digital zoom, snapshot, record video, photo view and video play back
Analog Video Test	
Format	HDCVI/ AHD/ TVI/ CVBS
HDCVI Camera Test	1-ch BNC in, highest-resolution(5MP and above resolutions please use Auto HD function): support 2MP@25fps/30fps, 4MP@25fps/30fps, 5MP@20fps, 6MP@20fps, 4K@/15fps
TVI Camera Test	1-ch BNC in, highest-resolution(5MP and above resolutions please use Auto HD function): support 2MP@25fps/30fps, 4MP@25fps/30fps, 5MP@20fps
AHD Camera Test	1-ch BNC in, highest-resolution(5MP and above resolutions please use Auto HD function): Support 2MP@25fps/30fps, 4MP@25fps/30fps, 5MP@20fps
CVBS Camera Test	1-ch BNC in, 1-ch BNC out, support PAL/NTSC format(auto adapt)
Camera Test	Real time video, coaxial PTZ control, RS485 control, audio test, full screen preview and 5x digital zoom, snapshot, record video, photo view and video play back
SDI Test	
SDI Video Test	1-ch BNC in, support resolution60fps 720p, 60fps 1080p, 60fps 1080i IPC tester's HDMI output port can be used as SDI to HDMI converter, output HD SDI image to HD TV monitor.
HDMI Display	
HDMI In/Out	HDMI in, support 720x480p, 720x576p, 1280x720p, 1920x1080p, 1024x768p, 1280x1024p, 1280x900p, 1440x900p HDMI out, support 1920x1080p
PTZ Control	
Protocol	Compatible with more than 30 protocols such as PELCO-D/P, Samsung, Panasonic, etc.
Baud Rate	600~115200bps
Cable Tester	

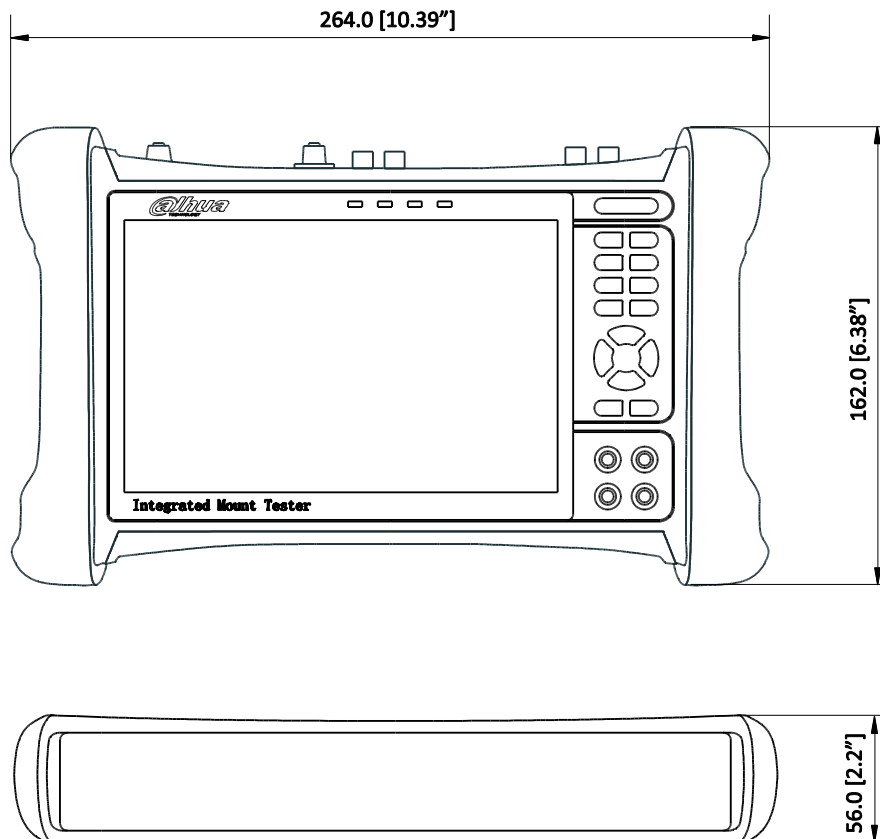| Network Cable	TDR, cable search, UTP cable tester
Coaxial Cable	TDR, analog video generator
Optical Cable	VFL(visual fault locator)
Tools	
Network Tool	IP address scan, Ping test, bandwidth test, port flashing, DHCP server, etc.
DMM (Digital Multi-meter)	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Data hold, Relative measurement, Continuity testing. Testing speed: 3 times/ seconds, Data range -6600～+6600.
OPM(Optical Power Meter)	Calibrated Wavelength(nm) :850/1300/1310/1490/1550/1625nm Power range(dBm) :-70～+10dBm
Data Monitor	Captures and analyzes the command data from controlling device via RS485, also can send hexadecimal
Flashlight	Press the LED On/Off button to use the LED flashlight
PoE & Power Info	Measures PoE switch voltage and displays pin configuration
Audio Recorder	Save audio message and support to review
Notepad	Used to record the important testing results
Calculator	With calculating function
System Information	
Screen	7 inch capacitive touch screen with retina display, 1920x1200 resolution
Wi-Fi	Built in 2.4G Wi-Fi module, max. speed 150M, allows it to receive a wireless network and view IP cameras
LED Flashlight	1*35lm LED light
Storage Capacity	Build-in 8G, also support external max. 32GB SD card
Operation Setup	Supporting a variety of languages, such as English, Chinese, Korean, Russian, Italian, Polish, Spanish, French, Japanese, etc.
Auto Power Off	1~30 minutes
Theme	Self-define icons, desktop and application interface background, modify interface sliding effect
Upgrade	Support local update via the SD card and online update on the internet
Power	
Charger	DC 12V 2A
Battery	7.4V lithium polymer battery, 5000mAh, 37Wh
Rechargeable	After charging 5~6 hours, normal working time 10 hours
PoE Power Out	DC48V PoE+ power out, max
DC12V Power Out	Max. DC12V 2A out
USB5V Power Out	Max. DC5V 2A out
Other	
Working Temperature	-10℃～+55℃(+14℉～+131℉)
Working Humidity	30%~90%
Casing	Plastics
Dimensions	270mmx160mmx46mm(10.63"x6.3"x1.81")
Net Weight	0.95kg(2.09lb)
Packaging Dimensions	313mmx286mmx96mm(12.32"x11.26"x3.78")
Gross Weight	2.1kg(4.63lb)

Certifications	
Certifications	CE/FCC

Order Information

Type	Part Number	Description
Tool Series	DH-PFM906	Integrated Mount Tester for All Kinds of Cameras _ Dahua brand
	PFM906	Integrated Mount Tester for All Kinds of Cameras _Neutral, no brand

Dimensions (mm/inch)

264.0 [10.39"]

162.0 [6.38"]

Integrated Mount Tester

56.0 [2.2"]

Application

Package Information

- Integrated mount tester *1
- Power adapter DC12V 2A *1(with 4 optional plugs)
- Line finder *1
- DMM pen *1
- Optical switching pair *1
- TDR alligator clamp *1
- Power line *1
- BNC cable *1
- RS485 cable *1
- Audio cable *1
- Lanyard *2
- Polymer lithium ion battery (7.4V DC 5000mAh) *1
- SC,ST connector *1
- Safety cord *1
- Tool bag *1
- User manual *1
- Warranty card *1