

# DH-PFM900-E

## Integrated Mount Tester



### Features

- 4" IPS screen and QWERTY flip keyboard with 45keys;
- Support H.264/H.265 HD decoding protocol;
- Support IP, HDCVI/AHD/TVI/CVBS;
- Support audio and RS485 control;
- Support TDR network cable test and digital multi-meter function;
- Support PoE+, DC12V/2A power out;
- Replaceable 7.4V/22.2Wh polymer lithium ion battery , which can last 8 hours for normal use;
- Dual LED flashlight

## Technical Specifications

<b>Model</b>	<b>DH-PFM900-E</b>
<b>Physical Port</b>	
Network port	2* 10/100M/1G RJ45(LAN/PSE, PD)
BNC port	1* video in(HDCVI/TVI/AHD/CVBS), 1* video out
Function port	1* RS485 output, 1* DC12V output(charge), 1* Mini USB connector, 1* 3.5mm audio in, 1* reset button, 1* power switch
<b>IPC Test</b>	
IP camera type	ONVIF (with PTZ control); RTSP; RTP
IP Camera test	Support auto-scan the whole network to discover ONVIF cameras,; Support manually adding an IP camera ; Support UDP/TCP displaying real-time video; Support 8 level digital zoom, snapshot, record video(H.264/H.265), photo view and video play back
<b>Analog Video Test</b>	
Format	HDCVI/ AHD/ TVI/ CVBS
HDCVI camera test	1-ch BNC in, highest-resolution: Support 1280x720P 25fps, 30fps, 50fps, 60fps/ 1920x1080P 25fps, 30fps/ 2560x1440P 25fps, 30fps
TVI camera test	1-ch BNC in, highest-resolution: support 1280x720P 25fps, 30fps, 50fps, 60fps/ 1920x1080P 25fps, 30fps/ 2048x1536 18fps, 25fps, 30fps/ 2560x1440 15fps, 25fps, 30fps/ 2592x1944 12fps, 20fps
AHD camera test	1-ch BNC in, highest-resolution: Support 1280x720P 25fps, 30fps/ 1920x1080P 25fps, 30fps/ 2560x1440P 15fps, 18fps, 25 fps, 30 fps
CVBS camera test	1-ch BNC in, 1-ch BNC out, support PAL/NTSC format(auto adapt)
Camera test	Real time video, HD coaxial PTZ control, RS485 control, audio test, Support 8 level digital zoom, snapshot, record video, photo view and video play back
<b>PTZ Control</b>	
Protocol	Compatible with more than 30 protocols such as Pelco-D/P, Samsung, Panasonic, Lilin, Yaan, etc.
Baud rate	150, 300, 600, 1200, 2400, 4800, 9600, 19200bps
<b>Cable Tester</b>	
Network cable	TDR method; Measurement resolution: 0.1m, accuracy: ≤1m
<b>Tools</b>	
Network tool	IP address scan, Ping test, DHCP server, etc. Ethernet link detection; Ethernet loop detection; Data link quality detection; Ethernet flow detection;
DMM (digital multi-meter)	AC/DC Voltage, AC/DC current, Resistance, Capacitance, Diode forward voltage, Open and short testing;
Data monitor	Captures and analyzes the command data from controlling device via RS485
LED Flashlight	2*35lm LED light, astigmatism
Audio test	3.5mm audio port is used to test microphones or other audio devices
USB storage	Mini USB port can be used for USB storage devices
System upgrade	Tester can be upgrade online through the software upgrade

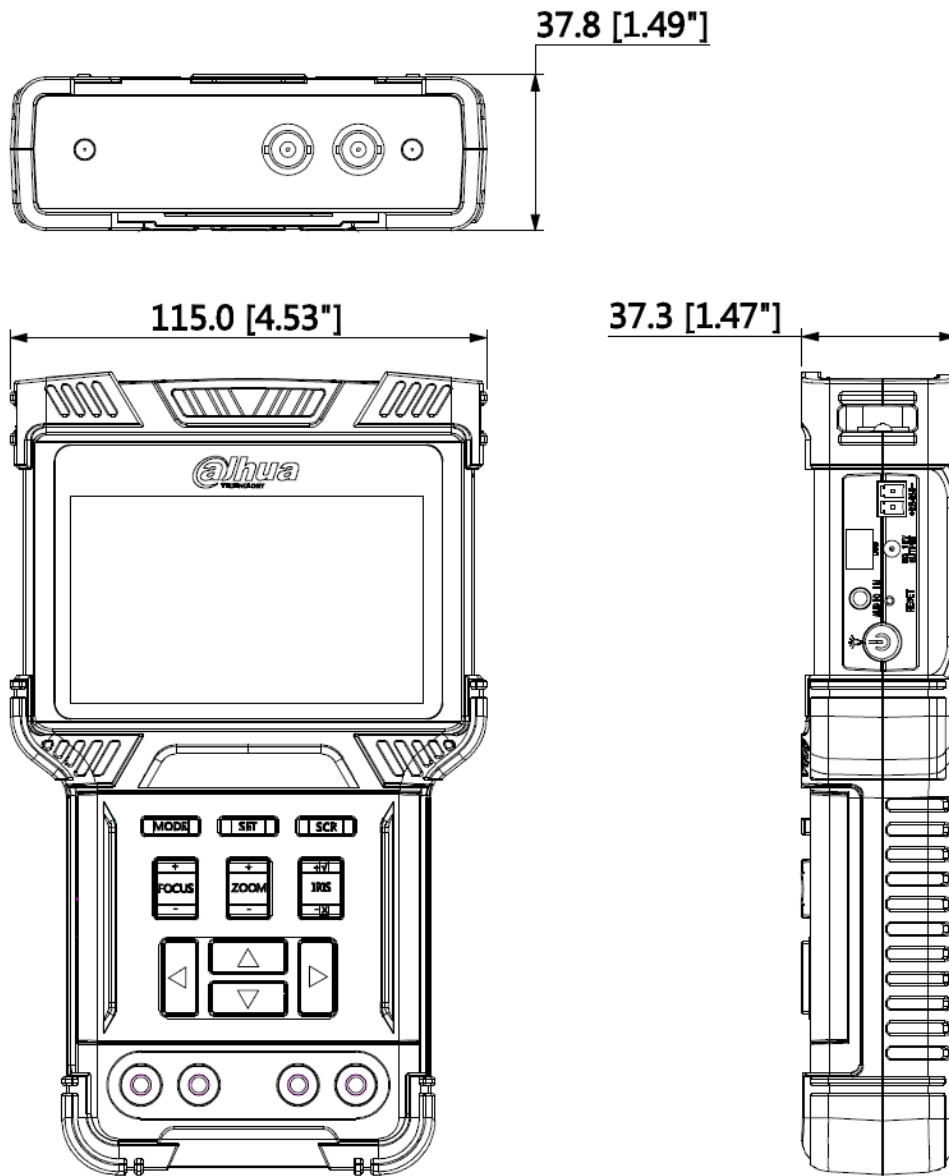
## Tool Series | DH-PFM900-E

System Information	
Screen	4.0 inch TFT 800xRGBx480(WVGA) resolution, 16.7Mcolor, backlight brightness adjustable
Storage capacity	Build-in 8G flash
Operation setup	Supporting a variety of languages, such as English, Chinese, Czech, Germany, Turkish, Hebrew, Spanish, French, Romanian, Serbian, etc.
Auto power off	Disable/ 5~60 minutes
Keyboard Tone	Enable/ Disable
Power	
Charger	PoE power injector, output 48V/15W, input AC100~230V 50~60Hz
Battery	7.4V polymer lithium ion battery, 22.2Wh
Rechargeable	After charging 3~4 hours, normal working time 8 hours
PoE power out	802.3at, 25.5W Max
DC12V power out	Max. DC12V 2A output
Other	
Working temperature	-10°C ~ +55°C (+14°F ~ +131°F)
Working humidity	30%~90%
Casing	Plastics
Dimensions	190mmx113mmx37mm(7.48"x4.45"x1.46")
Net weight	0.5kg(1.1lb)
Packaging dimensions	275mmx170mmx116mm(10.83"x6.69"x4.57")
Gross weight	1.6kg(3.53lb)
Certifications	
Certifications	CE/FCC

## Order Information

Type	Part Number	Description
Tool Series	DH-PFM900-E	Integrated mount tester for all kinds of cameras
	PFM900-E	Integrated mount tester for all kinds of cameras
Accessory	PFM902	Optional polymer lithium ion battery of (DH-)PFM900-E

Dimensions (mm/inch)



## Application



### Package Information

- Integrated mount tester \*1
- Lanyard \*2
- Tool bag \*1
- PoE power injector \*1
- Network cable \*1
- BNC cable \*1
- RS485 cable \*1
- RS485 terminal \*1
- 12V power output cable \*1
- Audio cable \*1
- Mini USB cable \*1
- DMM test probe \*1
- User manual \*1
- Warranty card \*1