



PFM900-E



Key Features

- 4" IPS Screen and QWERTY flip keyboard with 45 keys
- Support H.265, 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/22.2 Wh polymer lithium ion battery, which can last 8 hours for normal use
- Dual LED flashlight



Specifications

Physical Port		PFM900-E
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* RJ485 output, 1* DC12V output (charge), 1* mini USB connector, 1* 3.5mm audio in, 1* reset button, 1* power switch	
IPC Test		
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 Eight (8) level digital zoom, snapshot, record video (H.264, H.265), photo view and video playback	
Analog Video Test		
Format	HDCVI, AHD, TVI, CVBS	
HDCVI Camera Test	1-Channel BNC in, highest resolution: Support 1280 x 720p, 25fps, 30fps, 50fps, 60fps. 1920 x 1080p 25fps, 30fps. 2560 x 1440p 25fps, 30fps	
TVI Camera Test	1-Channel BNC in, highest resolution: Support 1280 x 720P 25fps, 30fps, 50fps, 60fps. 1920 x 1080P 25fps, 30fps. 2048 x 1536 18fps, 25fps, 30fps. 2560 x 1440 15fps, 25fps, 30fps. 2592 x 1944 12fps, 20fps	
AHD Camera Test	1-Channel BNC in, highest resolution: Support 1280 x 720P 25fps, 30fps. 1920 x 1080P 25fps, 30fps. 2560 x 1440P 15fps, 18fps, 25fps, 30fps	
CVBS Camera Test	1-Channel BNC in, 1-Channel BNC out, support PAL, NTSC format (auto adapt)	
Camera Test	Real time video, HD coaxial PTZ control, RS485 control, audio test Support Eight (8) level digital zoom, snapshot, record video, photo view and video playback	
PTZ Control		
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	
Cable Tester		
Network Cable	TDR method, Measurement resolution: 0.1m, accuracy: ≤1m	

**Tools**

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 upgraded online through the software upgrade

System Information

Screen	4.0" TFT 800 x RGB x 480 (WVGA) resolution, 16.7M color, backlight brightness adjustable
Storage Capacity	Built-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 Eight (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	Plasti



Dimensions	190mm x 113mm x 37mm (7.48" x 4.45" x 1.46")
Net Weight	0.5kg (1.1lb)
Packaging Dimensions	275mm x 170mm x 116mm (10.83" x 6.69" x 4.57")
Gross Weight	1.6kg (3.53lb)

Certifications

Certifications	CE, FCC
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Dimensions

