Integrated Mount Tester

- 7-in. IPS HD Capacitive Touch Screen, 1920 x 1200 Resolution
- Supports IP, HDCVI, AHD, TVI, CVBS, and SDI Formats
- HDMI Input and Output
- Supports TDR for Network and Coaxial Cables
- Supports UTP Cable Testing and Hunting and Visual Fault Locator for Optical Cables
- PoE+, 12 VDC, and USB 5V Power Output
- 37 Wh Lithium Ion Battery, up to 10 Hours Normal Operation

Technical Specifications

Physical Port

Network Ports	Three (3) 10/100 Mbps RJ45 (LAN/PSE, PD, UTP/Scan)
BNC Port	Two (2) Video In (SDI, HDCVI, TVI, AHD, CVBS) One (1) Video Out
Functional Ports	One (1) Port for the following functions: TDR, OPM, VLS, RS485, 12 VDC In (charger), HDMI In, HDMI Out, Audio In, Audio Out, Micro SD

IP Camera Tests

IP Camera Type	ONVIF (with PTZ control)
Dahua Test Tool	Designed for Dahua camera image tests, modify camera and user parameters
IP Camera Test	Supports rapid ONVIF, Auto-scan entire network segment Automatic login to display camera image Automatic network Display 4K images in main stream Full-screen preview and 5x digital zoom Snapshot, record, photo view and playback

Analog Video Test

Format	HDCVI, AHD, TVI, CVBS
HDCVI Camera	One (1) Channel Video In, Maximum Resolution: 1280 x 720p at 25 fps, 30 fps, 50 fps, 60 fps 1920 x 1080p at 25 fps, 30 fps 2560 x 1440p at 25 fps, 30 fps
TVI Camera	One (1) Channel Video In, Maximum Resolution: 1280 x 720p at 25 fps, 30 fps, 50 fps, 60 fps 1920 x 1080p at 25 fps, 30 fps, 50 fps, 60 fps 2048 x 1536 at 18 fps
AHD Camera	One (1) Channel Video In, Maximum Resolution: 1280 x 720p at 25 fps, 30 fps 1920 x 1080p at 25 fps, 30 fps 2560 x 1440p at 15 fps, 25 fps, 30 fps
CVBS Camera	One (1) Channel In, One (1) Channel Out, Supports auto-adapting PAL/NTSC formats
Camera Test	Real-time Video, Coaxial PTZ and RS485 Control Audio Test Full-screen preview and 5x digital zoom Snapshot, record, photo view and playback

SDI Test

SDI Video	One (1) Channel BNC In, Maximum Resolution: 720p, 1080i, or 1080p at 60 fps
SDI Video Test	HDMI Out port converts SDI to HDMI Output HD-SDI video to an HD TV monitor

HDMI Display Resolution

HDMI In	720 x 480p, 720 x 576p, 1280 x 720p, 1024 x 768p, 1280 x 1024p, 1280 x 900p, 1440 x 900p
HDMI Out	1920 x 1080p

PTZ Control

Protocol	Compatible with over 30 protocols, including Pelco D/P, Samsung, and Panasonic
Baud Rate	600 bps to 115,200 bps

Cable Tester

Network Cable	TDR, Cable Search, UTP Cable Tester
Coaxial Cable	TDR, Analog Video Generator
Optical Cable	Visual Fault Locator

Tools

Network Tool	IP Address Scan, Ping Test, Bandwidth Test, Port Flashing, DHCP Server
Digital Multi-meter (DMM)	AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Data Hold, Relative Measurement, Continuity Testing Testing Speed: 3 per second Data Range: −6600 to +6600
Optical Power Meter	Calibrated Wavelength: 850, 1300, 1310, 1490, 1550, 1625 Power Range: −70 dBm to +10 dBm
Data Monitor	Capture and analyze command data from controlling device via RS485 (hexadecimal also valid)
Flashlight	On/Off LED Control
PoE and Power	Measure PoE Switch Voltage, Display Pin Configuration
Audio Recorder	Save Audio Message
Notepad	Record Testing Results
Calculator	Supplies On-screen Calculator

System Information

Screen	7-in. Capacitive Touch-screen with Retina Display, 1920 x 1200 Resolution
Wi-Fi	Built-in 2.4 Gbps Wi-Fi Module, Maximum Speed: 150 Mbps Receive a wireless network and view IP Cameras
LED Flashlight	One (1) 35 lm LED light
Storage Capacity	Built-in 8 GB, supports external 32 GB SD Card, max.
Language Support	English, Chinese, Korean, Russian, Italian, Polish, Spanish, French, Japanese, and others
Automatic Power Off	1 to 30 minutes
Upgrade	Supports local update via SD Card or via the Internet

Power

Charger	12 VDC, 2 A
Battery	7.4 V Lithium Polymer Battery, 5000 mAh, 37 Wh
Working Time	10 Hours, after 5 to 6 hours charging
PoE Power Out	48 VDC PoE+ , maximum
12 VDC Out	12 VDC, 2 A
USB5V Out	5 VDC, 2 A

Certifications

Certifications	CE, FCC

Environmental

Working Temperature	−10° C to +55° C (14° F to 131° F), 30% to 90% RH
Casing	Plastic
Dimensions	270.0 mm x 160.0 mm x 46.0 mm (10.63 in. x 6.30 in. x 1.81 in.)
Net Weight	0.95 kg (2.09 lb)
Packaging Dimensions	313.0 mm x 286.0 mm x 96.0 mm (12.32 in. x 11.26 in. x 3.78 in.)
Gross Weight	2.1 kg (4.63 lb)

Ordering Information

Type	Part Number	Description
Integrated Mount Tester	PFM906	7-in. Capacitive Touch-screen, IP/Analog Tester
Package Contents	1	Integrated Mount Tester
	1	12 VDC, 2 A Power Adapter (with 4 plugs)
	1	DMM Pen
	1	Optical Switching Pair
	1	TDR Alligator Clamp
	1	Power Line
	1	BNC Cable
	1	RS485 Cable
	1	Audio Cable
	2	Lanyards
	1	Polymer Lithium Ion Battery
	1	Safety Tether
	1	SC, ST Connector
	1	Tool Bag
	1	User Manual
	1	Warranty Card

Dimensions (mm/inch)

264.0 [10.39"]

162.0 [6.38"]

56.0 [2.2"]