

PMT-900/900S

5G Handheld FTTH PDA (Personal Digital Assistant)



5G Mobile Platform Android 13 OS



Powerful CPU

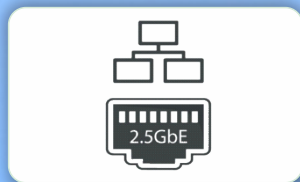
WiFi 6 802.11 ax

Support 2.4G and 5G
160MHz WiFi 6
WiFi speedtest ≥ 1800 Mbps
WiFi7 is optional



Dual 2.5G RJ45 port

Support dual network port
aggregation speedtest
Wired speedtest ≥ 2300 Mbps



BJ100 OTDR

Single 1550/1625/1650nm
18dB dynamic range
Support live fiber test



Multi functions

Built-in VFL, OPM, HDMI
simulation, IPTV test,
LAN test



BJ100 OTDR is optional

Powerful 5G PDA



5G Platform Excellent mobile phone performance

8 core 2.7GHz CPU
6GB+128GB large memory
Runs smoothly with Android 13 OS
Support Google store app



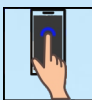
Nano-SIM card slot, support 2
SIM card
Support 2G/3G/4G/5G frequency



Standby time>120 hours
6000mAh Polymer battery



6 inch 2160x1080 IPS
Color LCD, Multi touch



Front camera: 8 million pixels
Rear camera: 16 million pixels
Support Auto focus and flash
Support scanning function



Multi Functions Meet the installation and maintenance requirements of FTTH

Connection Method
DHCP, Static IP, PPPoE



External OTDR function (optional)

OTDR

10mW VFL
10G PON selective OPM
(1490nm/1577nm)
Broadband OPM function



HDMI TV simulation
Connect HDMI video signal,
support 4K image quality,
recording and playback functions



IPTV troubleshooting
Analyze IPTV network protocol
and network configuration



LAN Test
such as Ping, Ipconfig, Route,
Tracert, etc



Wired Speedtest $\geq$ 2000Mbps

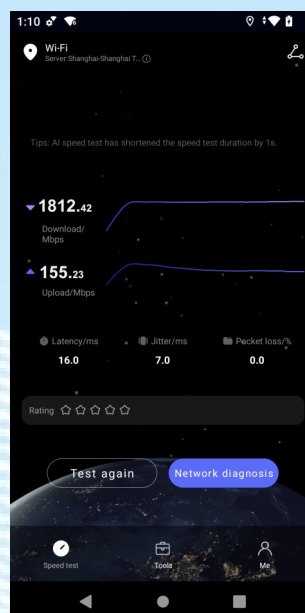
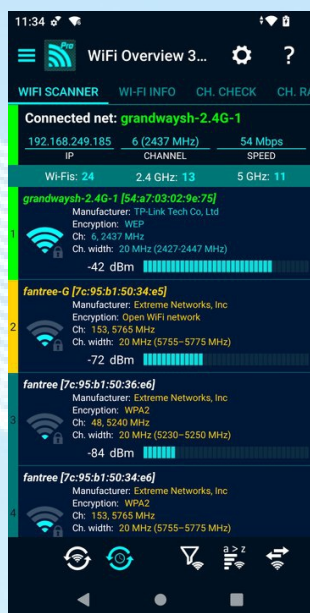


Dual 2.5G Ethernet RJ45 port
Support dual ports aggregation speedtest
Easily meet the speed measurement
requirements of 2000Mbps bandwidth



WiFi Speedtest $\geq$ 1800Mbps

Support 160MHz WiFi6 test and 2.4G/5G dual band
Support WiFi channel quality assessment and analysis



Product Parameters

Items	Specifications	
Model	PMT-900S	PMT-900
Device Performance		
Operating system(OS)	Android 13	
Communication mode	5G/4G/3G/2G	5G/4G/3G/2G
CPU	UNISOC UMS9620 8-Core Main frequency@2.2GHz	UNISOC UMS9620 8-Core Main frequency@2.7GHz
Memory	4G+64G	6G+128G
Screen	5.5 inch IPS LCD Resolution: 1920*1080	6 inch IPS LCD Resolution: 2160*1080
Camera	Front camera: 8 million pixels Rear camera: 16 million pixels	
Main Functions		
Wired Speedtest	Dual 2.5G port, speedtest>2200Mbps	
WiFi Speedtest	Support IEEE 802.11 a/b/g/n/ac/ax, WiFi supports 2.4G and 5G dual band	
	Support 160MHz WIFI6 test, speedtest>1800Mbps	
IP Address acquisition method	DHCP, Static IP, PPPoE dial-up	
VLAN	Support	
HDMI TV simulation	Connect TV signal through HDMI interface, simulate TV display output	
LAN Test	Ping, Ipconfig, Route, Tracert, etc	
OPM function		
Wavelength ranage	800~1700nm	
Calibrated wavelength	850/1270/1300/1310/1490/1550/1577/1625nm	
10G PON OPM	Support 1490nm/1577nm selective power test	
Test range	-45~+20dBm	
VFL		
Working wavelength	650nm±20nm, 10mw, CW/2Hz mode	
OTDR(Optional)		
Model	BJ100 OTDR	
Test mode	1: OTDR trace 2:FTTx Last mile fiber map 3:Offline ONU detection	
Wavelength	Single 1550nm (1625nm or 1650nm is available)	
In service test	Support	
Dynamic range	18dB	
Deadzone	1m/4.5m	
Test range	500m~60km	
Pulse width	3ns~10us	
OTDR size	130L×60W×30Hmm	
Installation method	PDA Back installation	
OTDR interface	SC/APC or SC/UPC	
Others		
Optical port	OPM/VFL: 2.5mm universal port	
Electric port	Dual 2.5G port, Dual SIM card slot, HDMI interface, Type-C port, 3.5mm earhpone	
Wireless	WiFi+Bluetooth	
WiFi	2.4G+5G	
Power supply	Input: 100-240 AC; Output: 5V/2A DC	
Battery	Rechargeable polymer battery 6000mAh	
Protection level	IP65	
Working conditions	-10℃~+60℃; 20%~95%(No condensation)	
Size/Weight(with battery)	168*82*22.2/29.65mm; approx.410g	