

13 WIFI6 NFC 5G IPTV HDMI Google play

Features

WiFi 6 802.11ax：
Dual antenna 160M bandwidth WIFI6, capable of executing Wireless network speed test above 1800mbps

2.5GB Ethernet：
Two RJ45 Ethernet port for measuring speeds up to 2400mbps

Processor:
Qualcomm QCM4490, 8-core @ 2.4GHz

Audio frequency：
2x speakers, Dolby Atmos ® Audio enhancement

RAM: 8GB **ROM:** 128GB

Bluetooth connectivity :
Bluetooth version 5.2 Range frequency LSM 2.4 GHz

NFC:
Write/Electric Technology on NFC Chips

Sensor:
GPS support: GPS, GLONASS, Beidou, Galileo, QZSS

Dual card dual standby

APPLICATIONS

TEST APK：
OTDR, OPM,VFL,PING,TRACERT,ONU set, AUTO Check,Check terminal, IfConfig, Speedtest, IPTV

OPM：
1270nm,1300nm,1310nm,1490nm,1550nm,1625nm (1577 optional)

OTDR (Optional):
1310/1550nm

IPTV:
Support TV4K

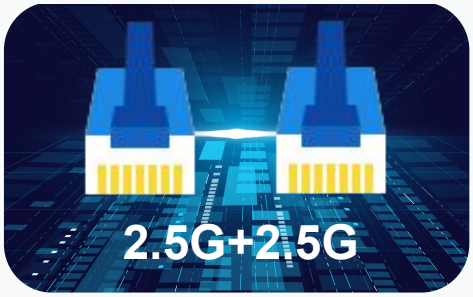
VFL：
650nm,10mw

WIFI Anaysis(Optional)

WIFI Heat Map(Optional)

Barcode scan (Optional)







APPLICATIONS



Android 13

Preload application

- **Speed test** Perform speed measurements
- **Chrome** website
- **Play Store** Additional application libraries
- **HDMI capture** Capture images to 4k@60FPS
- **IPTV testing** MDI: DF/MDI:MLR

APK testing

Integrated measurement applications

- **ONU set** Manual and automatic modes
- **Optical Power** 1270nm,1300nm, 1310 nm,1490nm, 1550nm,1625nm,
- **VFL** 650nm 5mw-20mw
- **OTDR** 1310/1550nm
  ONU State Check online/offline/fall off
- **PING** Diagnose network connection problems
- **Tracert** Diagnose network connection problems
- **Grab packet** Through network card, WIFI, and data traffic.
- **Auto Check** Check connection
- **Check terminal** obtain the IP address and MAC address
- **IfConfig** view and configure network devices

Hardware information

- **Processor** QCM4490,8-core 2.4GHz
- **GPU** Adreno™ 613
- **Memory** Memory 8G; Capacity 128GB; 1x microSD slots up to 256GB
- **Barcode scanner** Support 1D/2D
- **Port** 2 X port 2.5GB Ethernet IX type C ,HDMI
- **Fiber optic ports** 1x VFL ports 1x OPM ports
- **Camera** Front 8mpx Last 16mpx;Resistant to dust and water

Gigabit Speed Test

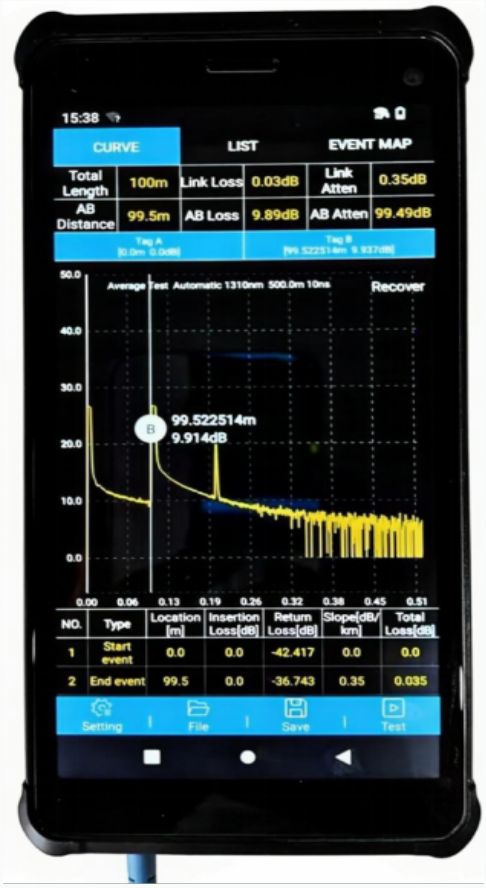
Ethernet speed 2400Mbps, WIFI 1800Mbps





Dual 2.5G Ethernet Port

OTDR Test 1310/1550nm (Optional)





SC/APC or SC/UPC Optional

WIFI Analysis (optional)

Main Functions (Standard: WiFi 2.4 / WiFi 5 / WiFi 6)

1. Channel Test

Scan and analyze current WiFi channel conditions and suggest the optimal channel to avoid interference

And Provide detailed channel-level insights

2. Access Points (AP) Analysis

Detect and list all nearby access points and Visualize the network structure and AP layout

3. Client / Device Analysis

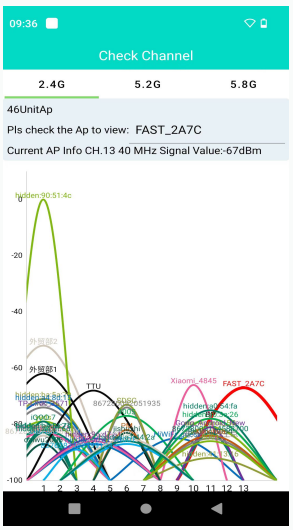
Discover all client devices connected to the network and analyze connection quality, signal strength, and performance of each device

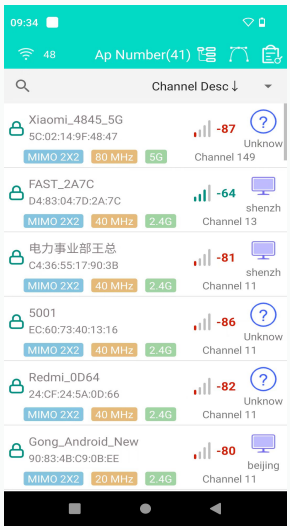
4. Case Show (Drill-Down View)

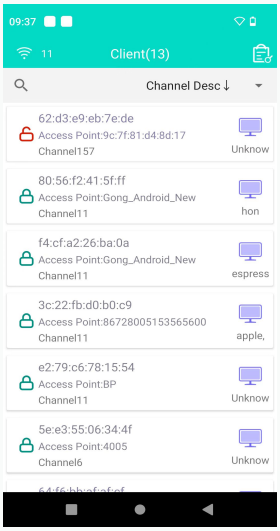
Click on any Access Point / Router to view all connected Client devices underneath it

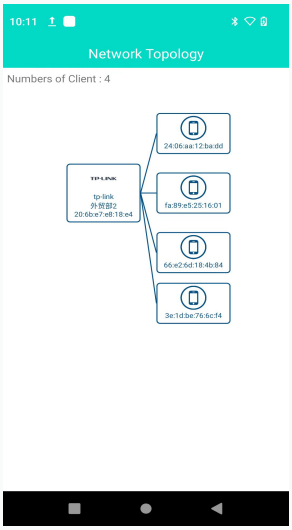
Diagnose slow internet speed

Resolve weak or unstable WiFi signal



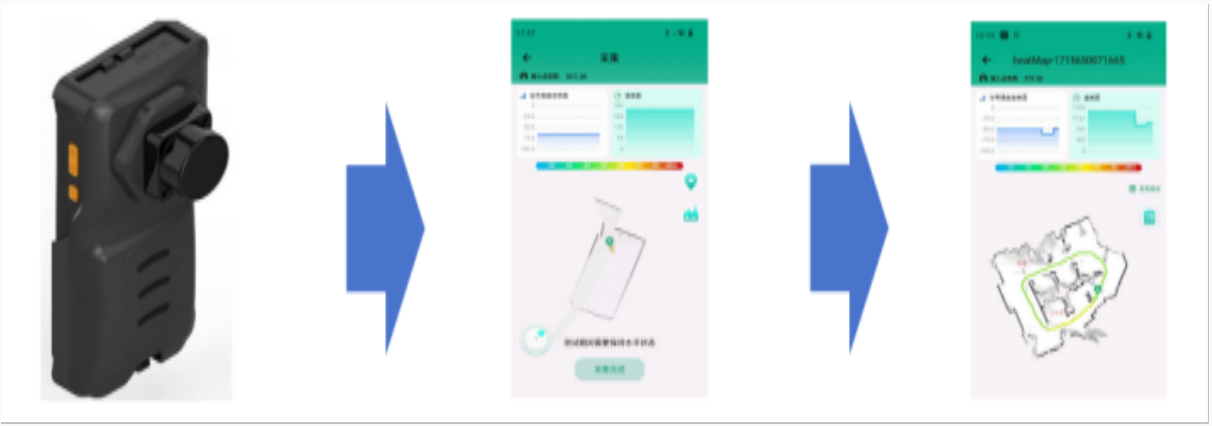






WIFI Heat Map Analysis(two options, optional)

Equipped with a powerful LiDAR module and advanced AI engine, S357 PDA provides a powerful , efficient, and data-driven platform for diagnosing, optimizing, and deploying robust Wi-Fi networks, and visually demonstrate network issues to clients and effectively sell upgrade solutions (e.g., Mesh Wi-Fi, APs).







Option A : Back case module， this module exclusive with OTDR module





Option B :Magnetic module， this module aslo suitable for any Android 13 or higher Os Mobile phone

Barcode Scanning (optional)



Specifications

ITEMS	S357 Telecom Test PDA
Operating System	Android 13
Communication	Sub-6: n1/2/3/5/7/8/12/14/20/25/28/30/38/40/41/48/66/71/77/78 LTE:B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/30/32/38/40/41/42/43/48/66/71 WCDMA:B1/2/4/5/6/8/9/19
CPU	8 CORE 2.4GHz
Internal Storage	RAM 8GB、ROM 128GB
External Interface	2×2.5Gbps port, 1 port for power meter, 1 port for VFL, USB Type-C port(OTG), HDMI.
Bluetooth	Support 5.2
WIFI	Support WIFI 802.11 a/b/g/n/ac/ax(2X2 MINO) 2.4G/5G Support 2*2MIMO. Support 160M bandwidth.
Display Screen	6 inch, 2160*1080 TFT
Camera	Front- facing: 8 million pixels; Rear- facing: 16 million pixels
Li-battery	3.85V 5400mah/ 6300mah
Stay-by Time	The standby current is less than 10mA and can be kept in standby for more than 720 hours.
GPS	YES
Size	170*76*21mm
Weight	450g

Ordering Information

Ordering Information		Module Code
Standard / Basic Part		
5G PDA , dual 2.5G Port, WIFI6, Speed test, Optical power meter, VFL, IPTV , Blue tooth.		S357
2D Bar Code Scanning Module for goods management (symbol SE2100)		2
OTDR(SM OTDR, 22/20db, this function is exclusive with WIFI HEAT MAP Back cover module		R
Wifi HEAT MAP (Chose one of these two)	Wifi HEAT MAP (Back case Module)	S118B or S118C
	Wifi HEAT MAP (Magnetic Module)	S118D
WIFI 6 Analysis		a(6)