TFN

Handheld professional WIFI inspection device

CWF1 WiFi environment security inspection equipment is developed for wireless signal analysis and precise location positioning of WIFI terminal equipment such as mobile phone, computer, wireless camera, etc. The system receives the wireless signal transmitted by mobile phone and wireless access point, demodulates and analyzes the target signal, and then analyzes and summarizes the surrounding wireless signal. At the same time, the target can be accurately positioned by measuring the wireless signal strength of the WIFI terminal. It also supports interference countermeasures against target wireless signals to hinder normal network activities.
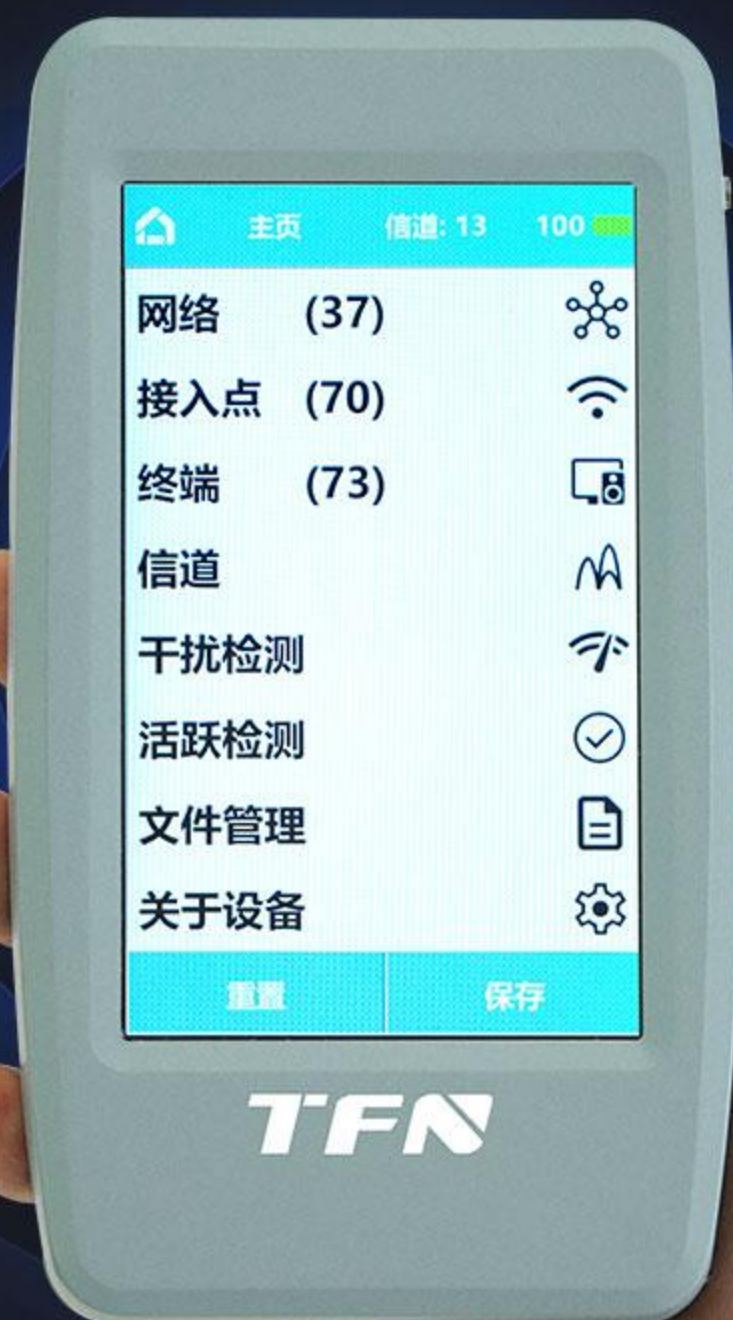
High sensitivity

High accuracy

Precise positioning

Compact and portable

主页　　信道: 13　　100

网络　　(37)

接入点　(70)

终端　　(73)

信道

干扰检测

活跃检测

文件管理

关于设备

重置　　保存

TFN

Application Scenario

government

Business Travel Hotel

Banking finance

Private residence

Function description

1. Support 802.11A/B/G/N/AC/AX protocol (WIFI 3/4/5/6)
2. Support target activity detection (hotspot detection supports all kinds of WIFI routers, AP access points, portable WIFI access points, soft AP and mobile phone hotspots, etc. Terminal detection supports all kinds of WIFI terminals, desktop computers, laptops, tablets, mobile phones, smart home devices, WIFI cameras, etc.).
3. Support to scan wireless access points, detect wireless access point MAC, network name, channel, signal strength, transmit power, WIFI version, support rate, device manufacturer, etc. (including hidden hot spots).
4. Support to scan wireless terminal devices, detect terminal MAC, signal strength, access status, access point information, detection information, etc. (including connected devices and unconnected devices).
5. Support WIFI wireless network association, can automatically identify multiple access points in the same network, can associate access points and terminal topology relationship.
6. Support proximity positioning of access points and terminals.
7. Support wireless attack behavior detection.
8. Supports countermeasures against targets in 2.4G and 5G frequency bands, and supports countermeasures against specified channels.
9. Save historical detection data.
10. Support dynamic adjustment of scanning power, can dynamically adjust the 10-level power, filter out the signal weak non-concern equipment, easy to find the target.
11. Supports the analysis of hidden hotspot, detects the hidden hotspot in the environment and the terminal device connected to the hotspot, and supports the resolution of the real name of the hidden hotspot. 12. You can download and export the saved detection data and captured system packet data (the exported data is EXECL table for easy viewing).
13, support a brief analysis of the current wireless environment, support hotspot channel distribution map display environment hotspot channel occupancy.
14. Support wireless environment active detection, can detect the current device data activity 15, support for the specified device or specified channel wireless data capture and saving.
16. Supports USB export of saved scan data and captured packet data

Product parameters

Wireless standard	IEEE 802.11a/B/G/N/AC/AX Protocol (WIFI 3/4/5/6)
Wireless channel	2.4G: 1-13 5G: CN radio band standard compliant channels
Receiving sensitivity	-90 dBm
Coverage	Internal antenna > 50m, support external antenna
Scan rate	5 seconds
Positioning accuracy	< 1m
Battery life	8 hours
Antenna gain	Built-in antenna 6db, external antenna optional
System hardware	Domestic integrated hardware equipment
Operating system	Linux operating system
Size Weight	168*95*38mm;550g

Product display

🏠	主页	信道: 13 100 🔋

网络　　　(37)　　　⚛

接入点　　(70)　　　📶

终端　　　(73)　　　📱

信道　　　　　　　　Ⱶ

干扰检测　　　　　　📡

活跃检测　　　　　　✓

文件管理　　　　　　📄

关于设备　　　　　　⚙

重置　　　　　　保存

TFN

网络 　　　(39)

接入点　　(77)

终端 　　　(92)

信道

干扰检测

活跃检测

文件管理

关于设备

重置 保存

TFN