

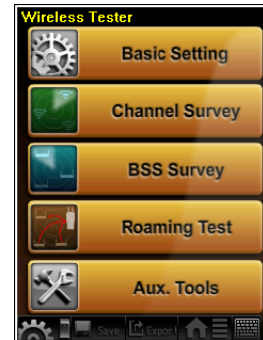
# WFT-20 Wi-Fi Tester

## Function

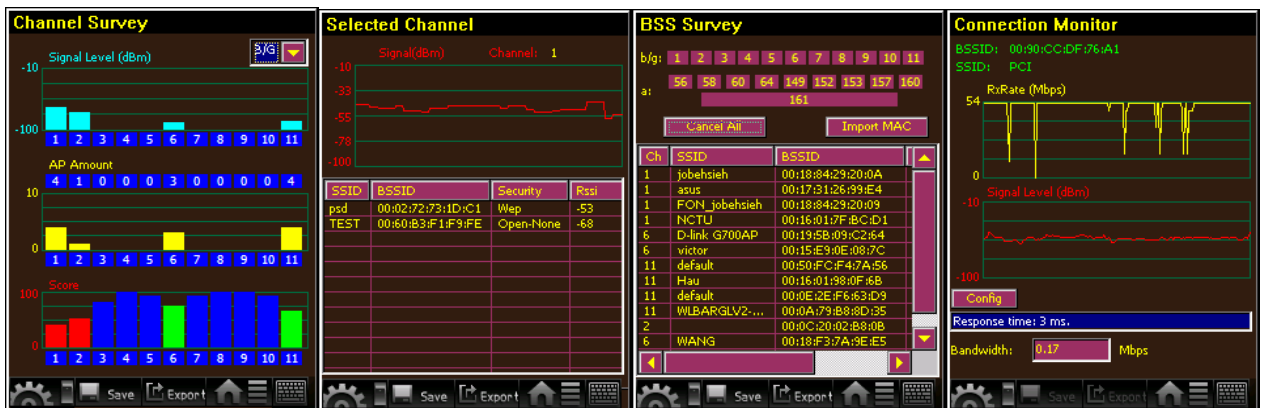
- ◆ 2.4/5GHz wireless network analysis
- ◆ Channel survey
- ◆ BSS survey
- ◆ Roaming test
- ◆ Connection test:  
Pack send/receive, signal strength
- ◆ Rogue AP/Rogue client detecting
- ◆ AP detector/power check
- ◆ Test report

## Hardware

- ◆ CPU: PXA270 (520MHz 32 bits RISC)
- ◆ 128MB SDRAM & 128MB Flash ROM
- ◆ 3.5" 240 x 320 Color TFT touchscreen
- ◆ Numeric keyboard with LED backlight
- ◆ Wolfson WM9705 AC' 97 codec
- ◆ OS: WinCE .NET 5.0 Pro
- ◆ IP54 certificates, IP64 compliance:  
Water-dust proof, 1.5m drop test



WFT-20 is a PDA based Wi-Fi tester for scanning, analyzing and optimizing 2.4/5 GHz WLAN, which operates on IEEE802.11A/B/G/N standards and allows user to evaluate entire network and each channel's status, detect and monitor AP with MAC address, SSID, data encryption and RSSI signal level information. WFT-20 also provides utility tools like Free Space Loss, AP Detector, Power Meter, Client Finder, Distance Calculation and mW/dBm Conversion.



## Specifications

Model	WFT-20
Radio	A/B/G/N, 5 dBi Dual Band Detachable Antenna × 2
Connector	RP-SMA Jack
Sensitivity	Up to -100 dBm
Connectivity	USB / USB host cable
Signal Strength Test	All Channels
Usage of Channel (Quantity of Base Stations in Each Channel)	Yes
Score of Channels	Yes
Base Station Scan	Synchronous A/B/G/N
Base Station Info	SSID/BSSID/RSSI, Sorting, Channel Selection
Base Station Tracing	Yes
Specified Base Station Info	Yes
Roaming Test Report	Yes
Security Detection	Yes
Clients' Status of Specified Base Station	Yes
Base Station Status	Data Rate (54/48/.../6/11/.../1 Mbps Frame (Ctl/Mgt/Data/Error/retry)
Connection Test	Ratio of Transition / Revelation of Signal Strength
Auxiliary Tools	Free Space Loss/ Power Meter/Distance Calculation/ dBm-mW Conversion /AP Detector
Power Supply	7.4V Li-Ion (3000mAH) Battery Pack; One Rechargeable Backup Battery
Battery Life	4 Hours (Continuous operation)
Weight	560g
Dimensions (H × W × T)	192.5 × (91.3/78) × (42.2/60.6)mm

\* Specifications subject to change without notice

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