



Home is Where the WiFi Is

WiFi Air Expert Series

Test Your Network with the WiFi Air Expert

With countless WiFi deployments not only in homes but in businesses and public spaces across the globe, WiFi is both a source of great opportunities and challenges for carriers. The WiFi Air Expert addresses those challenges by combining many WiFi test tool functionalities into a standalone, compact and easy-to-use platform. With WiFi and wired Ethernet interfaces and a dedicated spectrum analyzer, it removes the need to carry around various specialized pieces of test equipment. It covers all aspects of installation and maintenance, from RF network discovery and survey, to troubleshooting and traffic load performance testing.

Product Highlights

- Supports detection and connection to 802.11a/b/g/n/ac devices
- Discovers networks and lists Access Points, Clients, Channels in table and graphical format
- AP detailed capabilities discovery including SSID, BSSID, channels, security, supported data rates, signal and noise levels, co-channel and adjacent APs and associated clients
- Survey coverage problems with signal and noise levels tracking
- Analyze Channel usage by utilization and number of APs
- Discovers associated and non-associated WiFi Clients present in the network
- One button Auto-Test evaluates the health of the WiFi network with analysis of security, coverage, interference, top talkers and connectivity with configurable AP list
- Connectivity testing with DHCP connection to APs, Ping, Trace Route and ARPWiz
- Verify network performance with dual ended V-Perf TCP/UDP Upload/Download throughput testing
- Ethernet 10/100/1000-T and 1000-X ports to verify end-to-end throughput performance
- Ethernet connectivity and PoE testing
- Optional dual band 2.4 GHz and 5 GHz spectrum analyzer to easily discover and identify WiFi and non-WiFi interference



WiFi Access Technology

VeEX's new WiFi Air Expert series provides the tools for reliable, repeatable install procedures that go beyond RF layer analysis. It provides complete performance testing that measures end user's experience under traffic load.

The WiFi Air Expert Series Test Solution

MTTplus-900

WiFi Air Expert Module



The MTTplus-900 WiFi Air Expert is a module for the MTTplus platform. The MTTplus modular platform gives field personnel an all-in-one, low-cost tool for installing, verifying, and troubleshooting a wide variety of service technologies. The MTT family includes chassis configurations for diverse testing needs and budgets, and its upgradeable modular design means dramatically lower cost compared to purchasing separate dedicated test sets. Modules are available for multiple testing needs and applications, including xDSL, Fiber Optics, Teleprotection, Datacom, DSn/PDH, SONET/SDH, OTN, Ethernet, Fibre Channel, CPRI/OBSAI.

MTTplus Platform Highlights

- Expand test functions with a growing list of test modules
- Future-proof cost-effective platform
- Fast and efficient test result transfer to USB memory stick
- Built-in GPS option
- Built-in Camera option for job site documentation, QR and bar codes
- Small package and light weight
- Field replaceable battery pack
- Large LCD Touch Screen and ambient light sensor

MTTplus-900 Highlights

- Wireless Standards: 802.11 a, b, g, n, ac
- MIMO channels: 3x3:3
- WiFi security standards: WEP, WPA/WPA2 Personal, WPA/WPA2 Enterprise, Splash page/Captive portal webpage login
- WiFi Spectrum Analyzer (Optional): Frequency Range: 2.400 to 2.495 GHz and 5.150 to 5.850 GHz
- 802.3 Ethernet test ports (Optional): RJ45 10/100/1000Base-T, SFP 100-FX/1000Base-X
- PoE Testing: Emulation of Powered Device, Detect pairs used, PoE voltage measurement

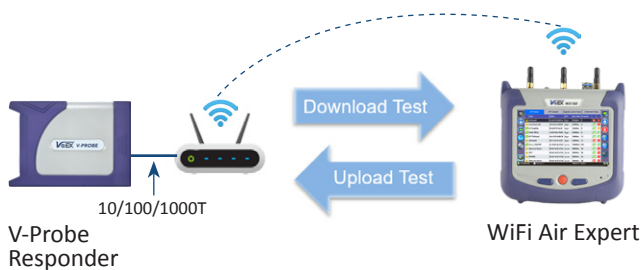
WX150 WiFi Air Expert Test Set

The WX150 test set has the same features and highlights as the MTTplus-900, all in a compact standalone form factor. Perfect for site surveys, the lightweight WX150 supports standby and instant wake-up operations. It also features eight hours of continuous operation on a full battery charge.



V-Probe Responder Performance Testing Companion

The V-Probe Responder is a companion for the MTTplus-900 and WX150 WiFi Air Expert Modules to verify TCP and UDP throughput performance through a WiFi Access Point or Router.



- V-Perf TCP/UDP Responder/Server (compatible iPerf3)
- 10/100/1000Base-T support
- Measure the true Quality of Experience (QoE) on the WiFi network across the AP/Router
- Ready to use on boot-up
- Easy V-Probe discovery by a WiFi Air Expert module for quick test initiation
- Static and DHCP (default) IP addressing