

Datasheet: AirCheck™ Wi-Fi Tester for Android™

AirCheck Wi-Fi Tester for Android allows frontline technicians to quickly verify and troubleshoot 802.11a/b/g/n/ac networks. Designed specifically for dispatched troubleshooting on a lightweight and mobile smart device platform, AirCheck Wi-Fi Tester for Android simplifies wireless troubleshooting by providing the following capabilities:

- *An instant real-time view of the Wi-Fi environment including network availability, utilization, security settings and rogue devices to troubleshoot most common Wi-Fi issues*
- *Single click Pass/Fail assessment of end-to-end network connectivity and application performance which enables technicians to confidently validate end-user experience*
- *Site Survey Data Collection - enables technicians to visualize true end-user experience resulting in accurate wireless deployments*
- *Standardization capabilities - enables consistency in deployment and troubleshooting procedures across organization which helps eliminate unnecessary guesswork, resulting in faster and more productive deployment and troubleshooting*

AirCheck Wi-Fi Tester for Android is a first response Wi-Fi troubleshooting app with a simple and intuitive interface, specifically designed for frontline technicians to troubleshoot most common Wi-Fi issues quickly and efficiently, as well as do basic site surveys taking into account the characteristics of the smart devices for an accurate BYOD deployment.

AirCheck Wi-Fi Tester for Android is affordable, portable and easy to use. It allows enterprise, carrier Wi-Fi hotspot and residential Wi-Fi deployments with the ability to validate and troubleshoot issues right the first time without costly rework.

AirCheck Wi-Fi Tester for Android is fully supported on an Android-based phone or tablet. Support for these smart devices allows users to replicate the “true” user experience of a smart device as they design and troubleshoot the Wi-Fi network.

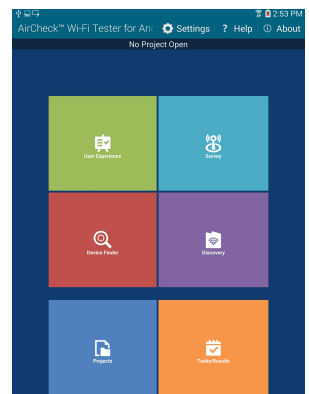


Features

Wi-Fi Network Health Assessment:

AirCheck Wi-Fi Tester for Android provides a real-time view of the Wi-Fi environment enabling technicians to validate the overall health of a Wi-Fi network and troubleshoot most common Wi-Fi issues such as:

- Connectivity issues to an access point or internet due to poor coverage or performance
- Frequent disconnections from the Wi-Fi network
- Poor application performance (e.g.: poor audio and video quality)
- Weak security



NETSCOUT.

Technicians are empowered with information about:

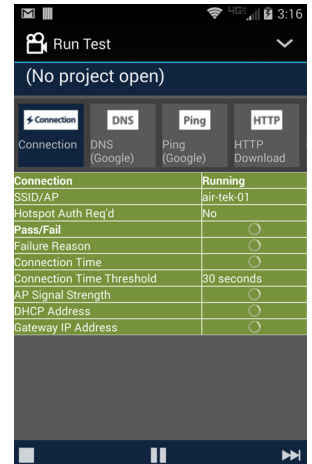
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User Experience Validation:

A single click Pass/Fail assessment of end-to-end network connectivity and performance of key applications allows technicians to confidently validate the end-user experience of the network on smart devices and solve common Wi-Fi issues such as poor connectivity, frequent disconnections and poor application performance. This comprehensive toolset includes the following:

- End-to-end network connectivity testing
 - DNS
 - Ping
 - Trace
- Application Performance Testing
 - FTP Download
 - HTTP Download
 - Online Video
 - Online Audio
 - Web Browsing

Detailed metrics such as round trip time (average and max), HTTP download throughput, and number of interruptions that occurred during execution of the video test can be obtained.



Site Survey Data Collection:

The unique radio characteristics of smart devices (low transmit power, number of antennas, etc.) make it challenging to make the best Wi-Fi Access Point (AP) deployment decisions to serve these new devices, as compared to traditional laptop/notebook computing devices. There may be a complete disconnect between the user expectation of seeing "full bars" for Wi-Fi signal strength on the smart device and their actual experience. In this case, the only way of truly representing the end-user experience on the smart device is to map the "Wi-Fi throughput" for the connection. With AirCheck Wi-Fi Tester for Android users can map both the signal strength as well as the "true" end-user experience (Wi-Fi throughput) at every location on the floor. AirCheck Wi-Fi Tester for Android provides detailed information on the Access Points operating in the environment along with their properties (MAC address, channel, SSID, signal strength). For sites without readily available floor plans, technicians can accelerate their site survey data collection process by using any one of the common floor plans from the built-in library. Technicians can upload their site survey data to AirMagnet Survey PRO, allowing experts or WLAN network designers/installers to perform advanced analysis and reporting.

