R&S®MobileView LETS iOS/ANDROID DEVICES CONTROL ROHDE&SCHWARZ PORTABLE ANALYZERS

Your task

The R&S®MobileView app lets users operate Rohde&Schwarz instruments remotely and eliminates the need for physical interactions with the instruments. Remote control makes instruments more accessible to a wider range of users. Scientific researchers can operate remote-controlled instruments from different geographic locations for better collaboration and resource sharing.

The app can migrate easily and seamlessly and lets on-site spectrum monitoring and analysis set ups be used in remote environments for:

- Reliable communications links between the instrument and the device under test (DUT)
- Connecting instruments using IP addresses or by scanning for them on a local network
- Control multiple instruments from one computer
- Reliable report generation

Rohde&Schwarz solution

R&S®MobileView lets field engineers operate the following handheld analyzers remotely:

- R&S®FPC1000/R&S®FPC1500 spectrum analyzer
- R&S®Spectrum Rider FPH handheld spectrum analyzer
- R&S®FSH handheld spectrum analyzer
- R&S®ZNH handheld vector network analyzer
- R&S®Cable Rider ZPH handheld cable and antenna analyzer

R&S®MobileView for iOS and Android

Both iOS and Android users are supported. Download and access the free R&S®MobileView app here:

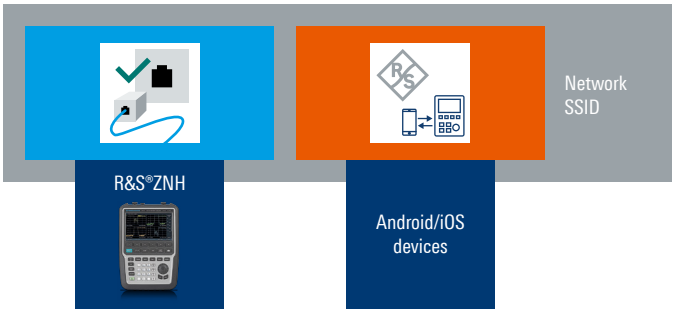
- iOS: https://apps.apple.com/us/app/r-s-mobileview/id1186696896
- Android: https://play.google.com/store/apps/details?id=com.rohdeschwarz.android.mobileview

Connecting to Rohde&Schwarz handhelds

In the following example, R&S®MobileView and handheld instrument (e.g. R&S®ZNH) are connected via:

- R&S®ZNH26 (R&S®ZNH FW version 4.2 or above)
- Wi-Fi router with LAN cable (or dongle, Wi-Fi router SSID, TP-Link 8166)

R&S®ZNH and Android/iOS devices under the same Wi-Fi SSID



Setup steps:

1. Connect a Wi-Fi dongle/router to the R&S®ZNH USB port with a USB cable.
2. Connect a LAN cable to the Wi-Fi dongle/router and the R&S®ZNH26 LAN port.
3. On the R&S®ZNH:
   - Press PRESET
   - Press SETUP > Instrument Setup and scroll to LAN setting
4. Turn on DHCP and wait for the IP address to be valid (e.g. 192.168.0.100), waiting time is less than 1 min.

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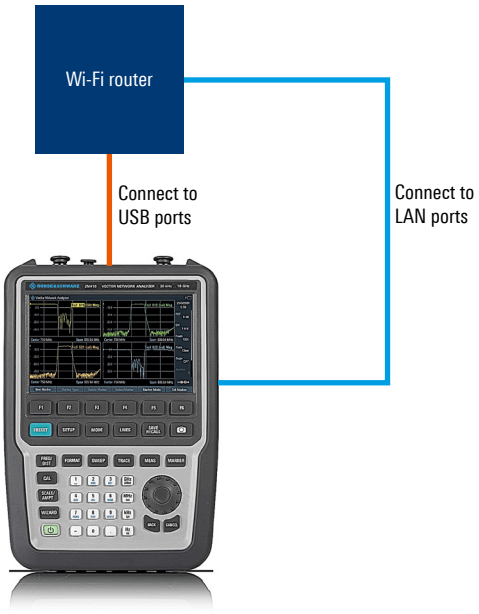
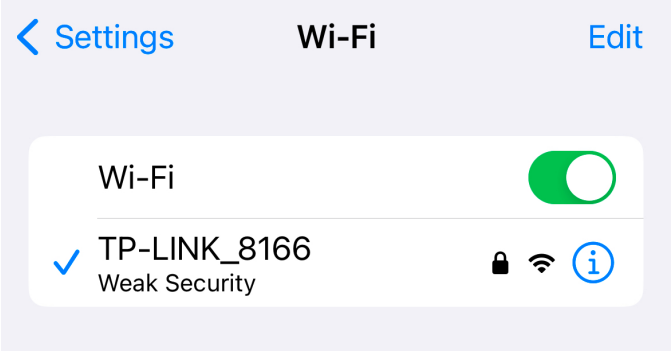
Make ideas real

R&S®ZNH handheld vector network analyzer setup

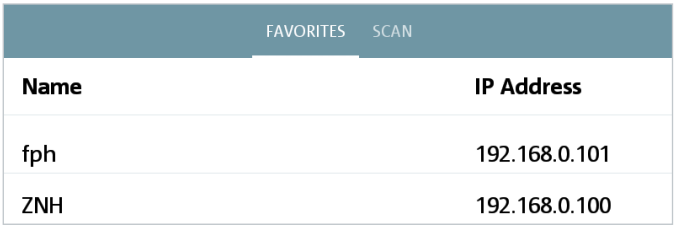


5. To connect an Android/iOS device:
   - Go to Setting > Wi-Fi or Setting > Network and Internet > Wi-Fi and connect to the desired Wi-Fi
   - Choose the correct IP address (must be the same as on the instrument, here: 192.168.0.100)

Wi-Fi settings

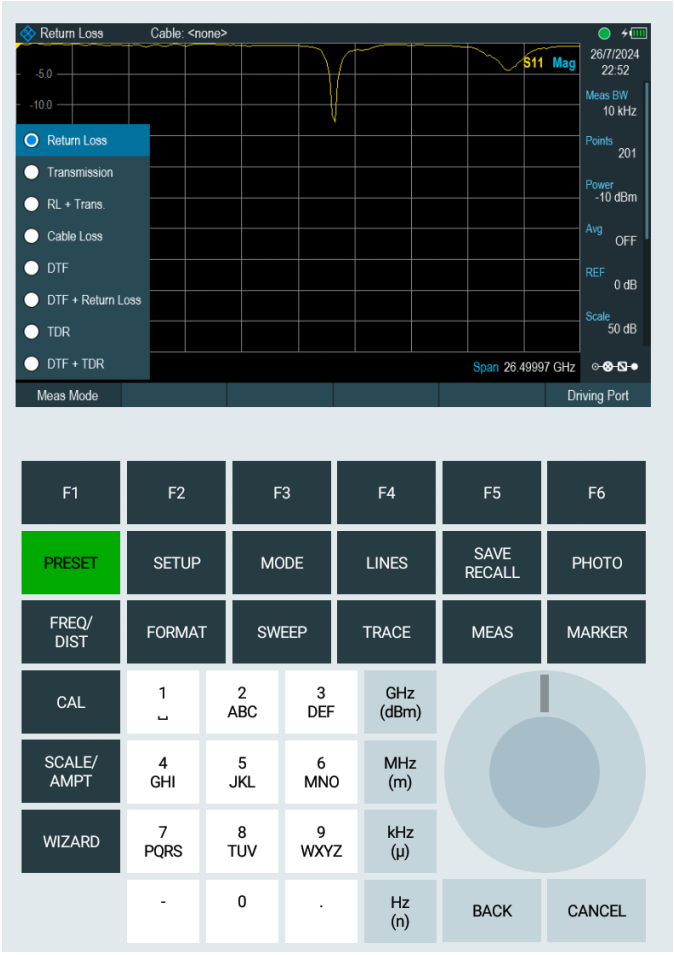


IP address



6. Once the connection is established, open the R&S®MobileView app on your Android/iOS device. Depending on the device, a similar view will be displayed.

R&S®MobileView on Android/iOS device



Designed for work in the field

The R&S®MobileView app based remote control tool is a versatile software application for a wide range of measurement tasks, including spectrum analysis, network analysis and data analysis as well as Drone/AMS measurements.

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R&S®MobileView lets iOS/Android devices control Rohde&Schwarz portable analyzers
Data without tolerance limits is not binding | Subject to change