Introduction

This guide explains how to wirelessly connect an Android or Wear OS device to perform an acquisition, a scan, or screen capture.

This document applies to the following applications		
ADF PRO	Mobile Device Investigator	

Accessing the Wireless Connection Wizard

1. From the Scan screen or the Acquire and Screen Capture Enter Information screens, click the **Add Device** button.

2. In the modal window, select **Android / Wear OS Wireless**.

3. The **Android / Wear OS Wireless Connection Wizard** will appear.

Connect to an Android / Wear OS Device Wirelessly

Selection Option: ● Android ○ Wear OS

Steps to Connect Wirelessly to an Android Device:
- Make sure both this computer and the Android device are connected to the same network.
- On the Android device, complete the following actions:
  - Go to Settings > About phone and tap Build number seven times to enable Developer options.
  - In Developer options, select Wireless debugging - enable Wireless debugging (select "Always allow on this network" if prompted) > Select Pair device with pairing code and keep dialog message open.
- Pairing Process:
  - If the device is listed below, select it and enter in the Wi-Fi Pairing Code displayed on the Android device.
  - If not discovered, manually enter the IP Address, Port, and Pairing Code from the same menu.

No Android device found. Searching...

Target device paring code:
Mandatory field. Enter a valid code.

Target device IP address:
Mandatory field. Enter a valid ip address.

Target device port:
Mandatory field. Enter a valid port.

OK	CANCEL

4. Select the device operating system:
    - Android
    - Wear OS

    Based on your selection, the relevant connection steps will be displayed within the modal.

Connecting an Android Device Wirelessly

Requirements

- The computer and the Android device must be on the same Wi-Fi network.

- Developer mode and Wireless Debugging must be enabled on the Android device.

Steps

1. On the Android device:

   - Go to **Settings > About phone**.

   - Tap **Build number** 7 times to enable **Developer options**.

   - Go to **Settings > System > Developer options**.

   - Enable **Wireless debugging**.

   - Select **Pair device with pairing code** and leave the dialog open.

2. On the desktop application:

   - If the device is automatically listed, select it and enter the **Wi-Fi pairing code**.

   - If not listed, manually enter the **IP address**, **port**, and **pairing code**.

3. After successful pairing:

   - Go to **Wireless debugging** on the Android device.

   - Enter the **port number** shown in the app.

   - Select **OK** to complete connection.

Connecting a Wear OS Device Wirelessly

Requirements

- The computer and the Wear OS device must be on the same Wi-Fi network.

- Developer mode and Wireless Debugging must be enabled on the watch.

Steps

1. On the Wear OS device:

- ○ Go to **Settings > Display** and ensure **Screen timeout** is set to 1 minute.

- ○ Go to **Settings > About Watch**.

- ○ Tap **Build number** 7 times to enable **Developer options**.

- ○ In **Developer options**, enable **ADB Debugging**.

- ○ Select **Wireless debugging** and enable it.

- ○ Choose **+ Pair new device** and keep the dialog open.

2. On the desktop application:

- ○ If the device is listed, select it and enter the **pairing code** displayed on the Wear OS device screen.

- ○ If not listed, manually enter the **IP address**, **port**, and **pairing code** from the pairing screen.

3. After successful pairing:

- ○ On the Wear OS device, go to **Settings > Developer options > Wireless debugging**.

- ○ Enter the **device port number** in the field below.

- ○ Select **OK** to complete the connection.