

How to Deploy a Philips Eink Screen (Android) under Zebrix

Prerequisites

- A Windows computer
- From the zebrix documentation, download:

1. The specific Philips Eink installation zip for the screen:

- Platform Tools (ADB) zip
- Screen copy zip
- Installation script

2. Android application "zebrix-signage-eink-latest.apk"

Step 1: Install ADB

1. Extract Platform Tools:

From the previously extracted eink installation folder, now extract Platform Tools into the folder of your choice.

2. Add ADB to the PATH

To be able to run ADB from any directory, add the extracted folder (containing adb.exe) to the PATH environment variable.

- a) Open Control Panel > System and Security > System, then click Advanced system settings.
- b) Click on Environment Variables, select the Path variable in the "System variables" section, then click Edit.
- c) Click New and paste the full path of the folder where adb.exe is located.
- d) Confirm and restart your terminal for the changes to take effect.

=== 3. Test the Installation === Open a command prompt (cmd.exe) and type: adb version If the installation is correct, the adb version should appear.

==== Step 2: Install Screencopy ==== 1. Extract scrcpy === From the previously extracted installation folder, Extract scrcpy into the folder of your choice. === 2. Add scrcpy to the PATH === To easily run scrcpy from any folder, add the path of the extracted folder to the PATH environment

variable in the same way as for ADB. === 3. Test the Installation === Open a command prompt and type: `scrcpy -version` If the installation is correct, the `scrcpy` version should appear.

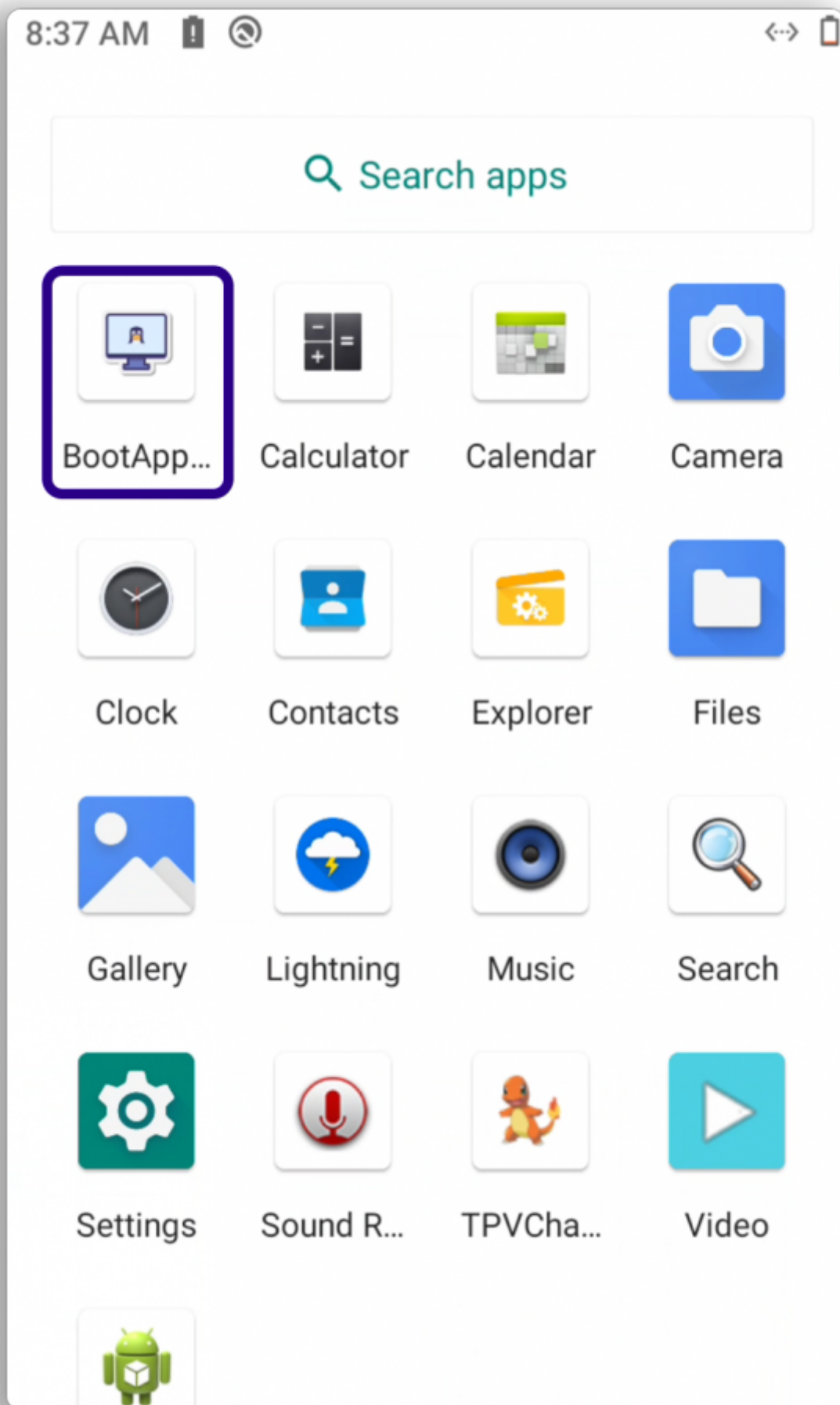
==== Step 3: Configure the Network and Enable Developer Mode ==== See Step 4: If the device needs to be on Wi-Fi, this will be done directly via the interface.

Otherwise, plug in an Ethernet cable, and the connection will automatically be made to the network.

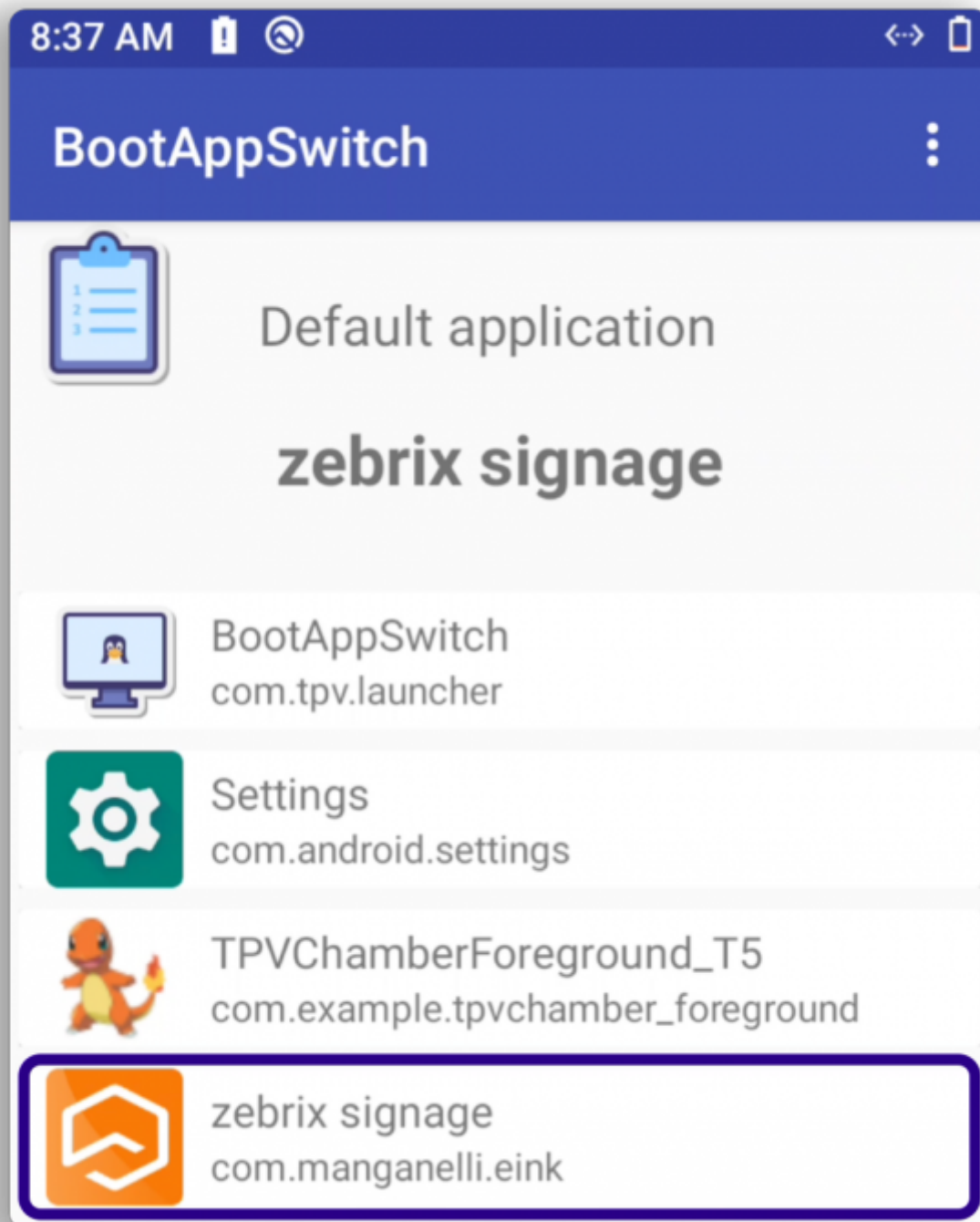
==== Step 4: Install and Configure the "Zebrix Signage" Application with ADB and Screencopy
==== Run the script "`einkinstall/win.ps1`" from the `eink` installation folder using a PowerShell terminal: `.<einkinstallationfolderpath>\installeinkwin.ps1 <ipaddress> zebrix-eink-latest.apk`

Step 5: Select "Zebrix Signage" as the Default Application

[Click on the "BootApp" application from the device interface via screencopy](#)

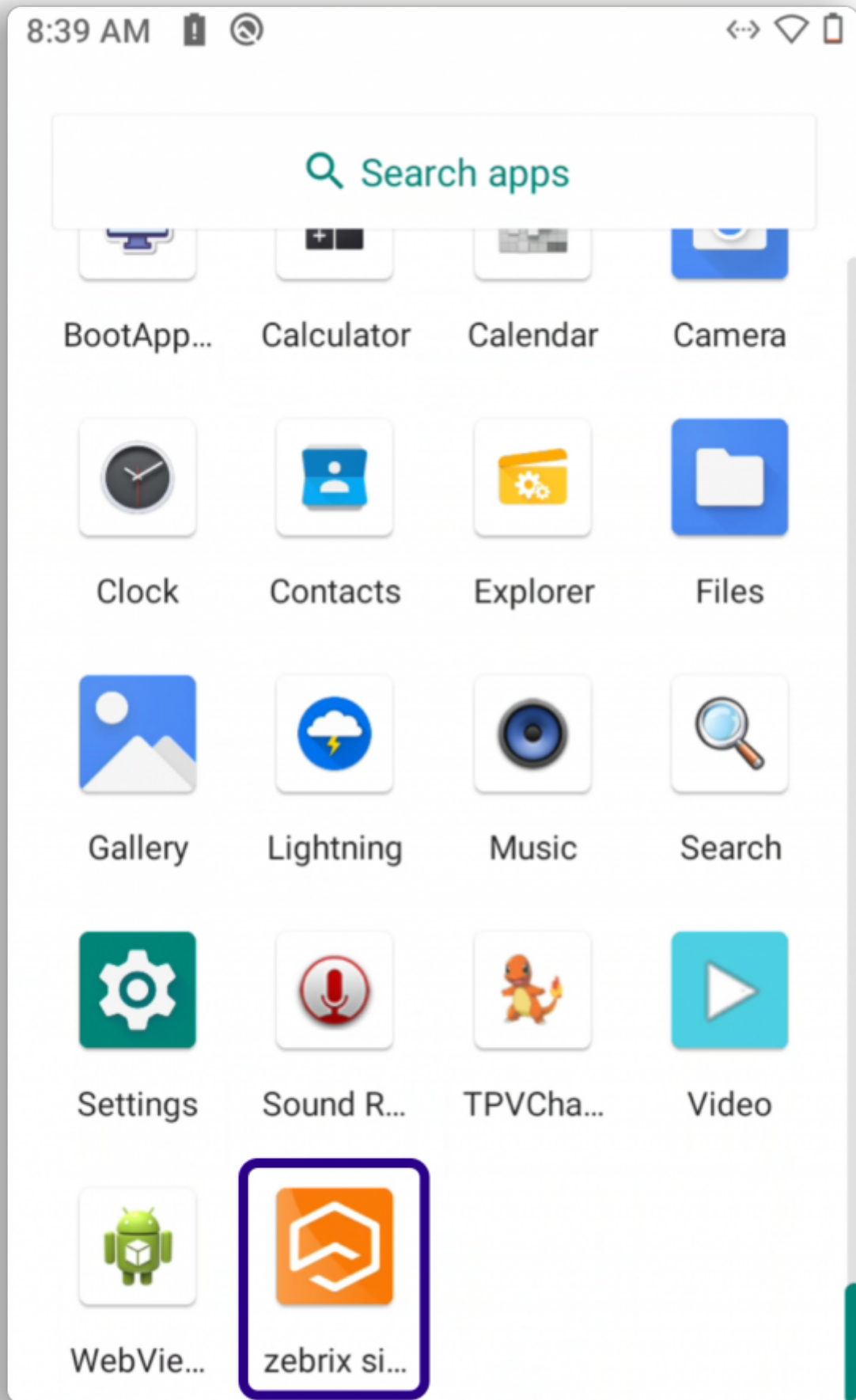


Choose "zebrix signage" as the default application



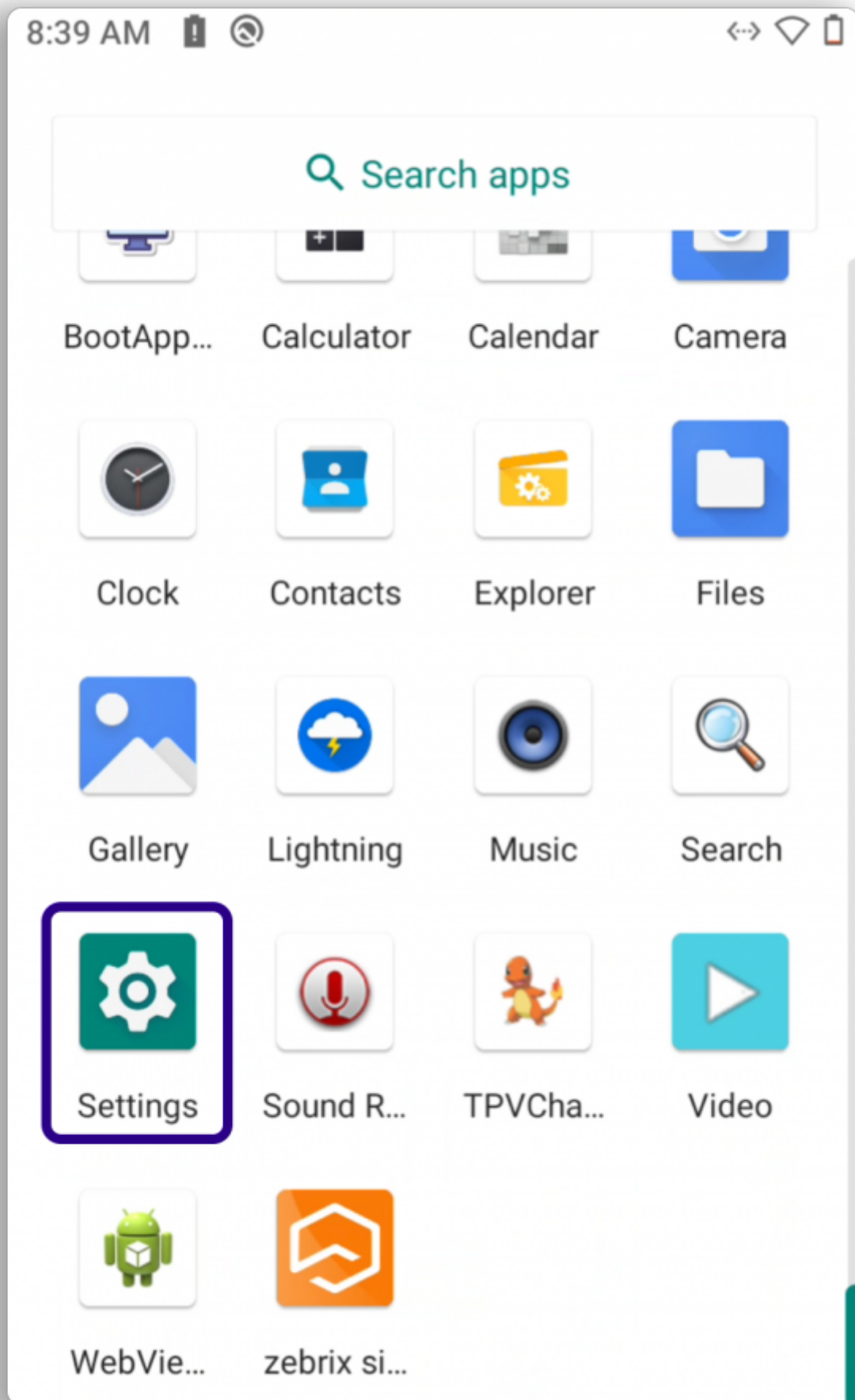
Go to the device's applications and uninstall EPDApp (manufacturer's recommendation for commercial use)

Finally, return to the list of applications and launch the "zebrix signage" app

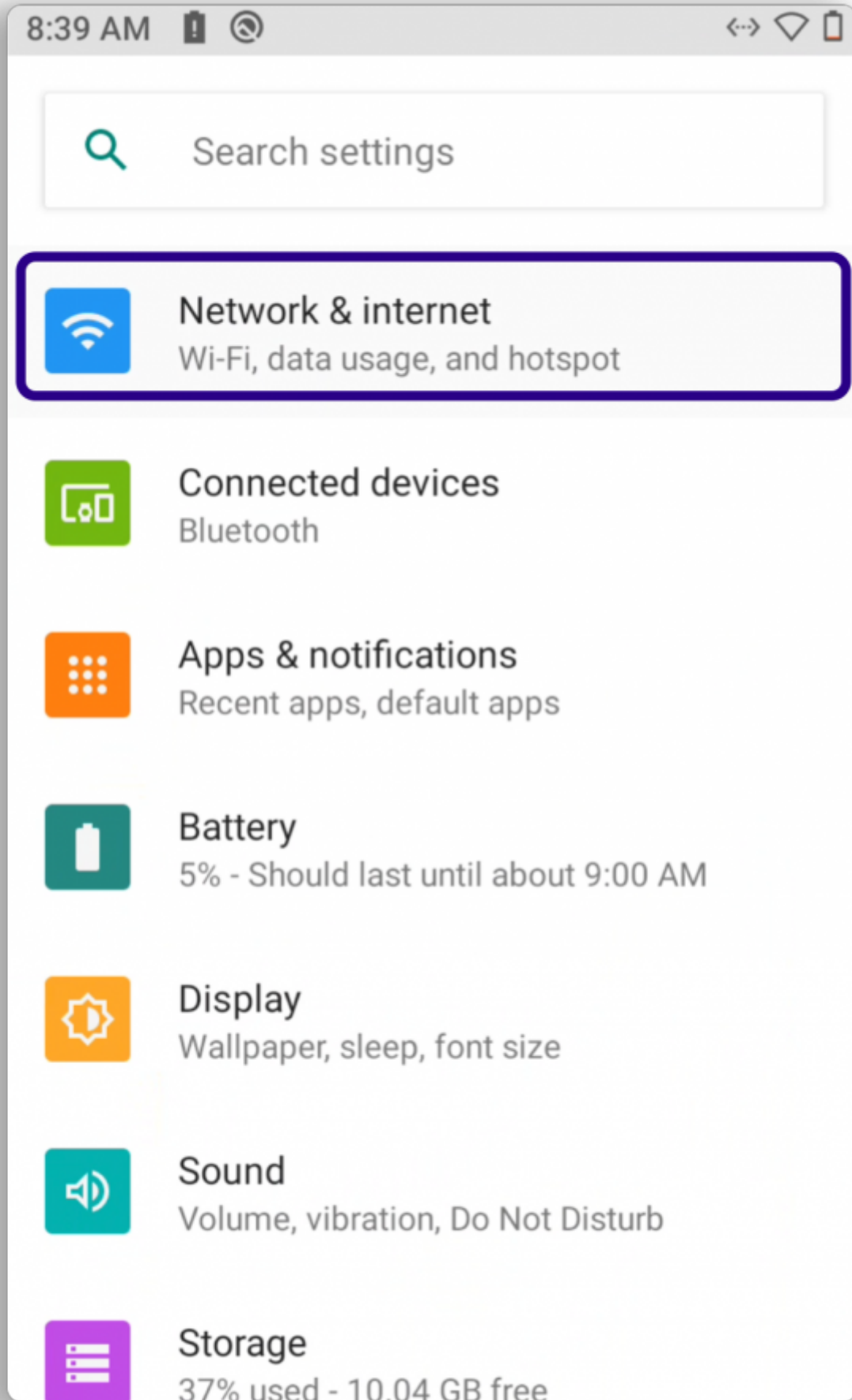


Step 6: Configure the Network (Wi-Fi)

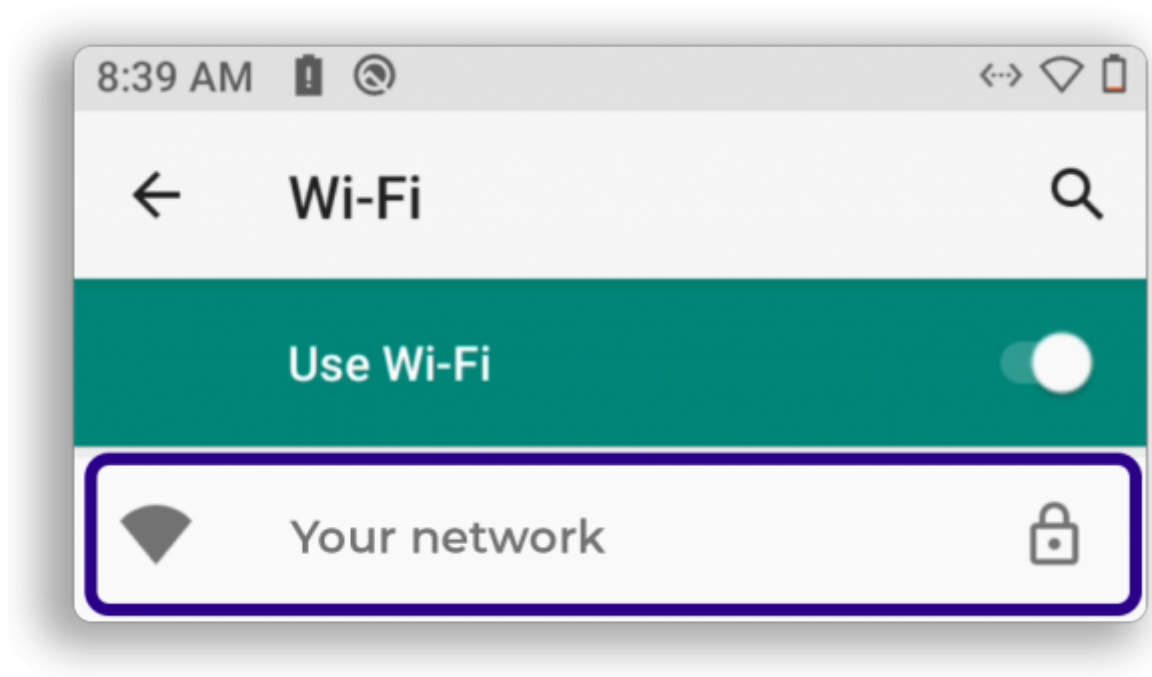
From the device interface (with screencopy):



[Go to Settings](#)

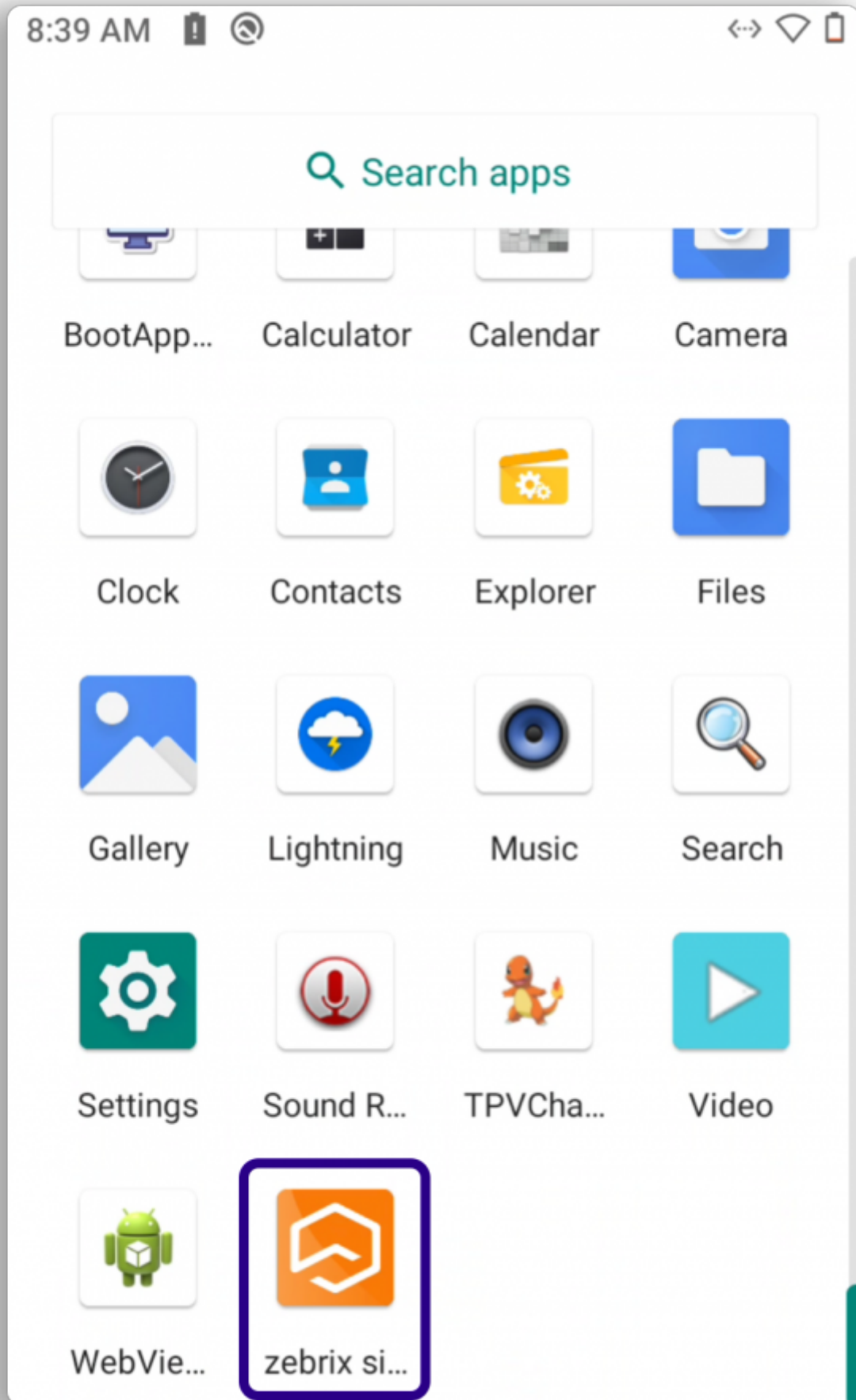


Then go to Network & Internet



And search for the associated network

Return to the list of applications and launch "zebrix signage"



Information Section:

1. Open PowerShell as Administrator:

Click Start > type PowerShell > click Run as Administrator.

Allow script execution: Type this command and press Enter:

```
Set-ExecutionPolicy RemoteSigned
```

If a confirmation message appears, type Y (for "Yes") and press Enter.

2. Reset a Sharp Screen:

Disconnect all USB-C cables (power and ADB)

Hold down the pairing button and insert the USB-C power cable, continue holding the pairing button until a blinking red LED appears.

3. How to Launch Screencopy to Access the User Interface

Open a PowerShell terminal

Connect to the screen via ADB with the command: `adb connect <ip_address>:5555`

Run the command: `scrcpy`

From:
<https://documentation.zebrix.net/> - **zebrix documentation**

Permanent link:
https://documentation.zebrix.net/doku.php?id=en:comment_deployer_un_ecran_eink_philips_android_sous_zebrix

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