

How to deploy a Sharp E-ink screen (Android) with Zebrix

Prerequisites

- A Windows computer
- A USB-C cable to connect the screen to the computer
- The installation zip file specific to Sharp screens. Available in Step 2.

Step 1: Connect the screen to the computer

Connect a USB-C cable to the Sharp screen (PC/MEMORY port) and to the Windows computer.



Make sure the device is visible from the File Explorer (if not, disconnect and reconnect the screen to the PC).

Step 2: Download and extract the installation archive

1. Download the zip

Please download the Zebrix installation zip for Sharp ePaper screens using the provided link (see box below).

This archive contains all the tools and files required to install Zebrix on a Sharp ePaper screen.



Installation script download:
<https://downloads.zebrix.net/zebrix-epaper-install.zip>

2. Extract the zip file

Extract the ZIP archive using your usual compression/extraction tool, or use Windows' "Extract All" option.

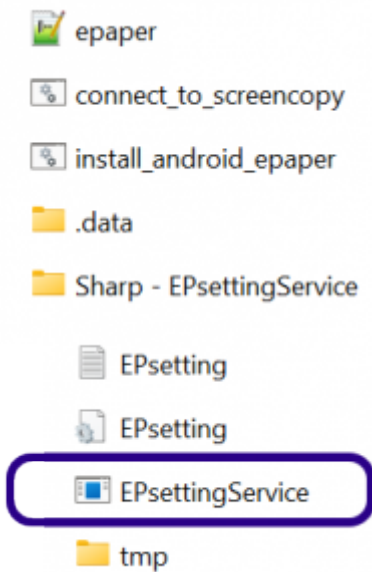


Warning: it is absolutely necessary to

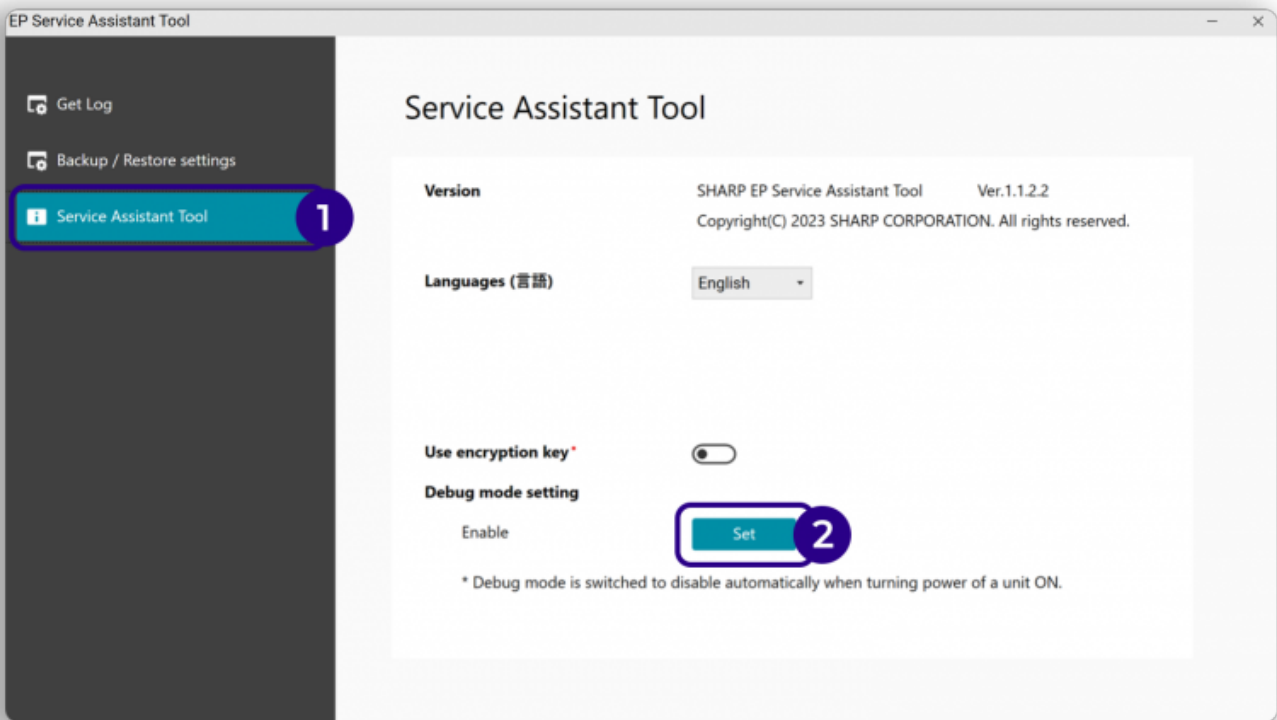


extract the content of the archive.
Simply double-clicking to access the content will not work for the following steps.

Step 3: Enable Debug mode (ADB), activate developer mode (specific to Sharp E-paper screens)



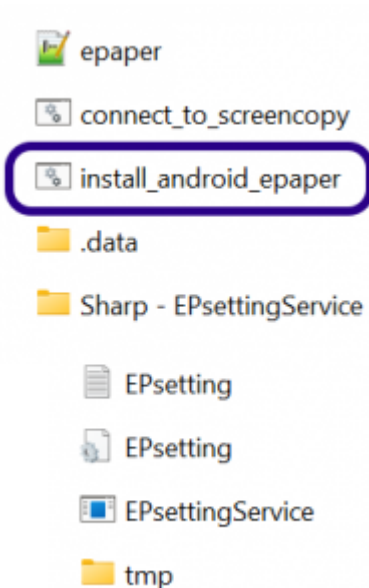
In the extracted folder, run the **EPsettingService** program located in the **Sharp - EPsettingService** folder.



Go to the **Service Assistant Tool** tab, then click on **Set** to enable developer mode, and close the application.

Step 4: Launch the installation of the application on the screen

1. Install Zebrix on the screen



Start the Zebrix installation on the screen by running the **install-android-epaper.bat** installer from the extracted folder.

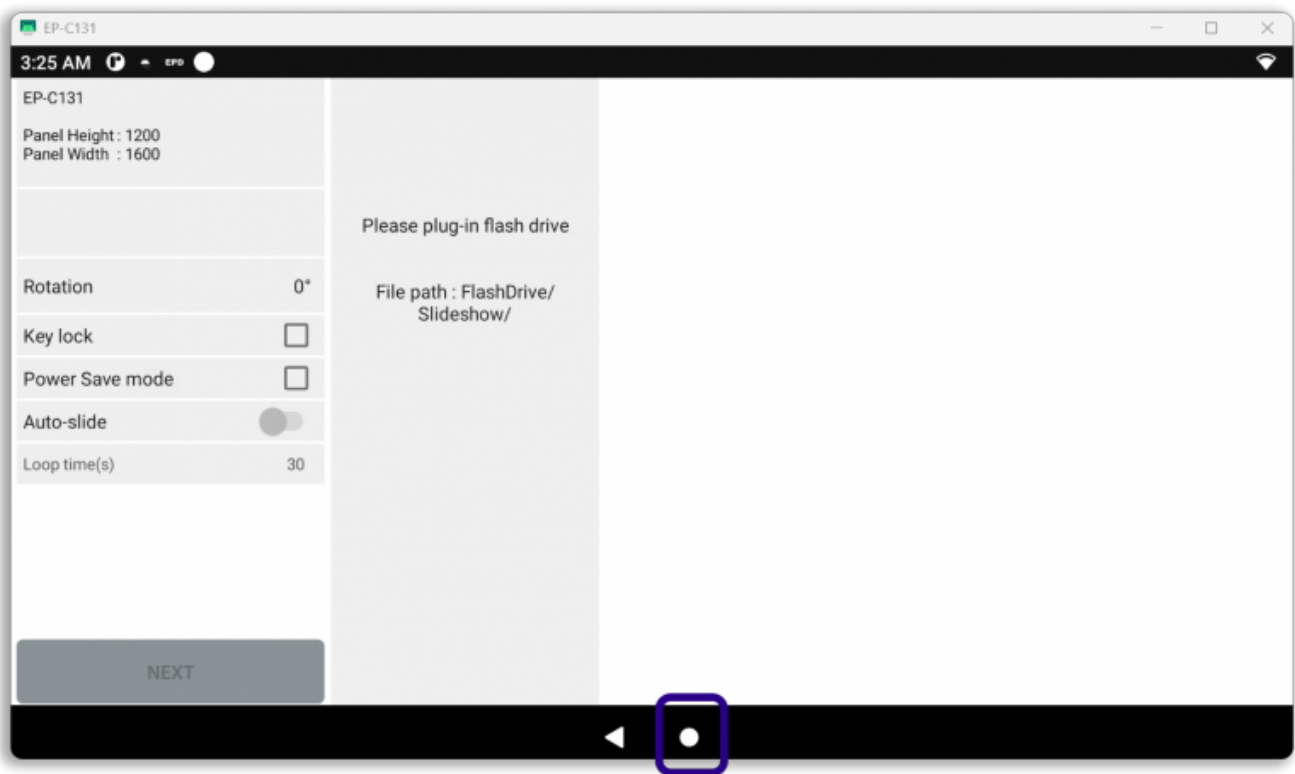


A program will launch with PowerShell (terminal) and run scrcpy to access the screen's Android application.

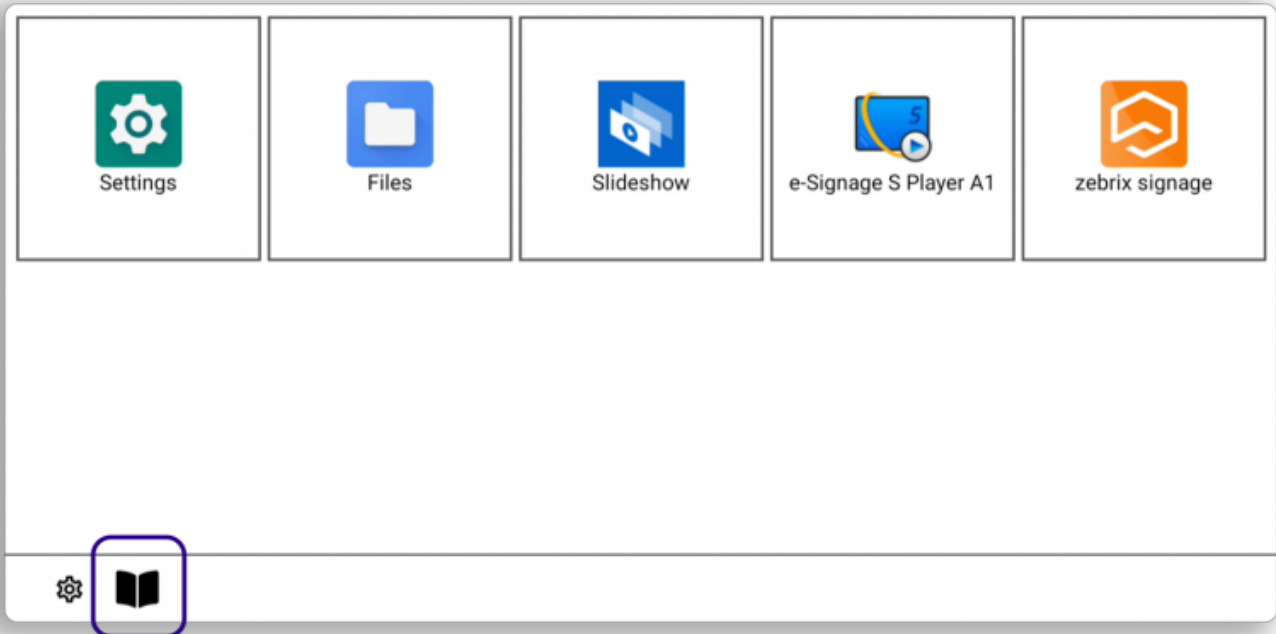
2. Set the “Zebrix Signage” application as the default app

A new application will open:

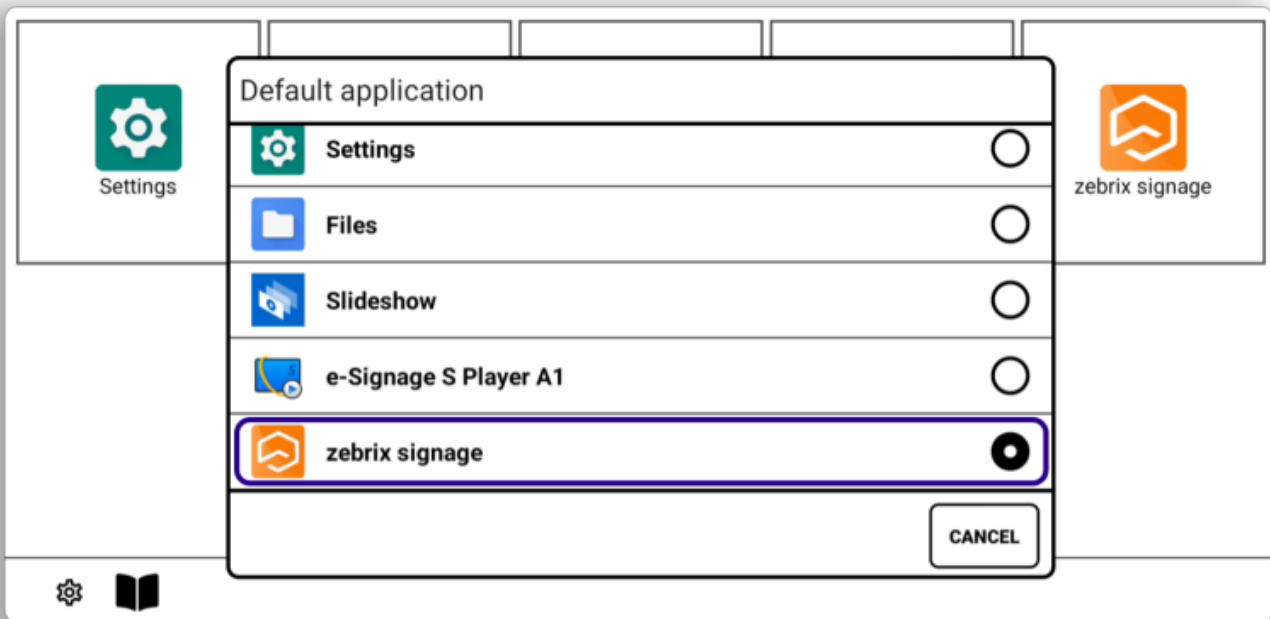
[Click on the circular button at the bottom of the window](#)



[Click on the book icon at the bottom left from the device interface via scrcopy](#)

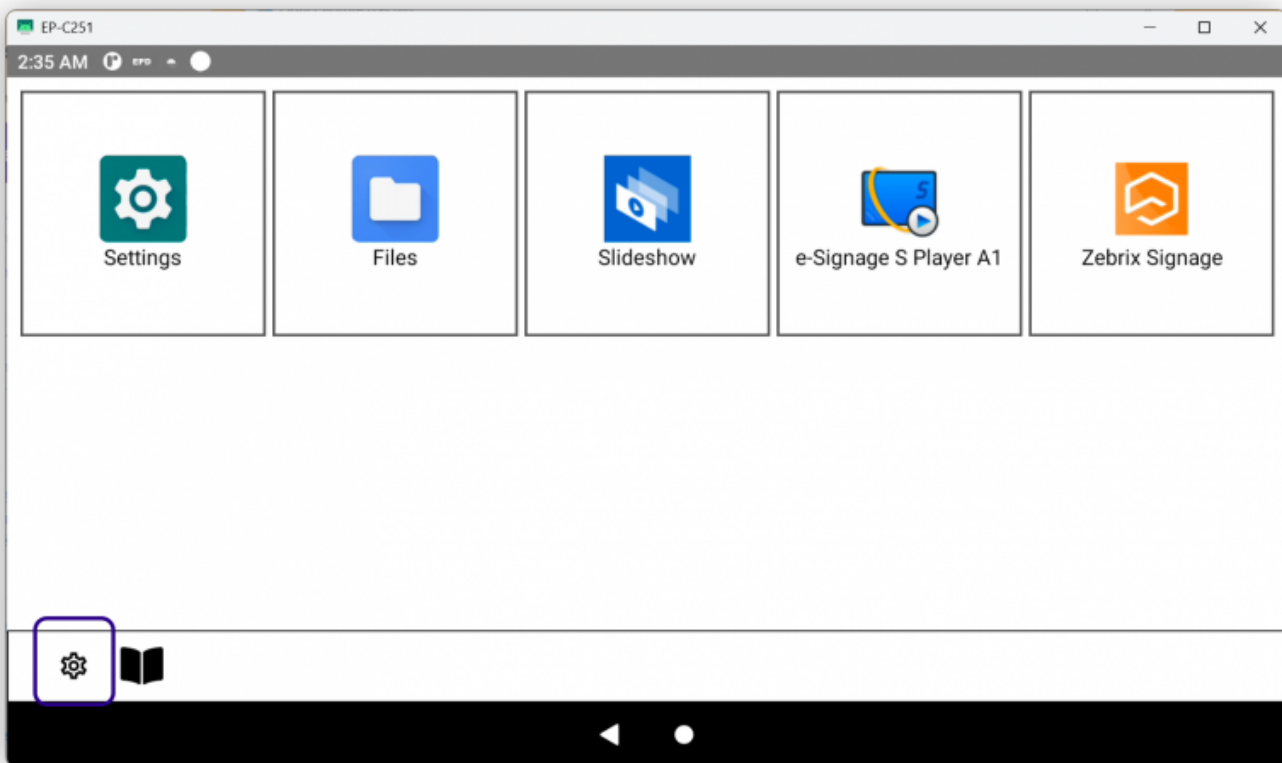


Select the Zebrix Signage application and close the popup

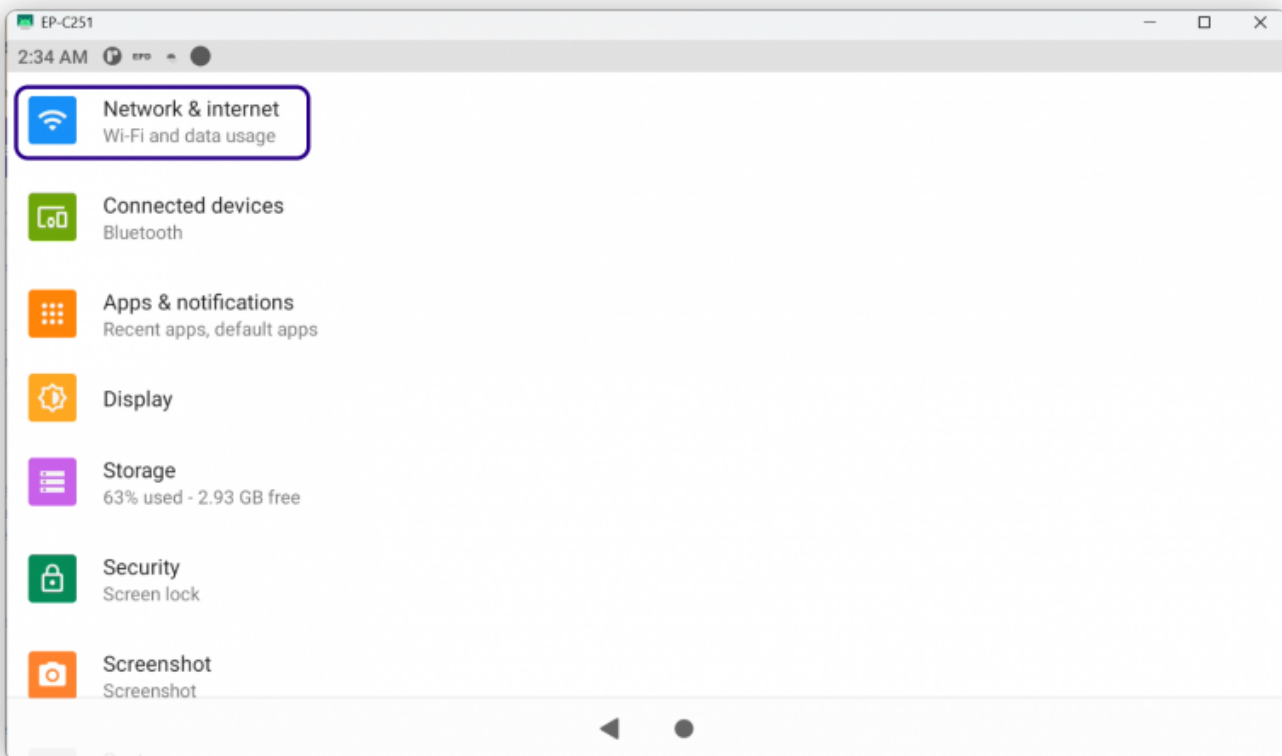


3. Configure the WIFI network on the screen

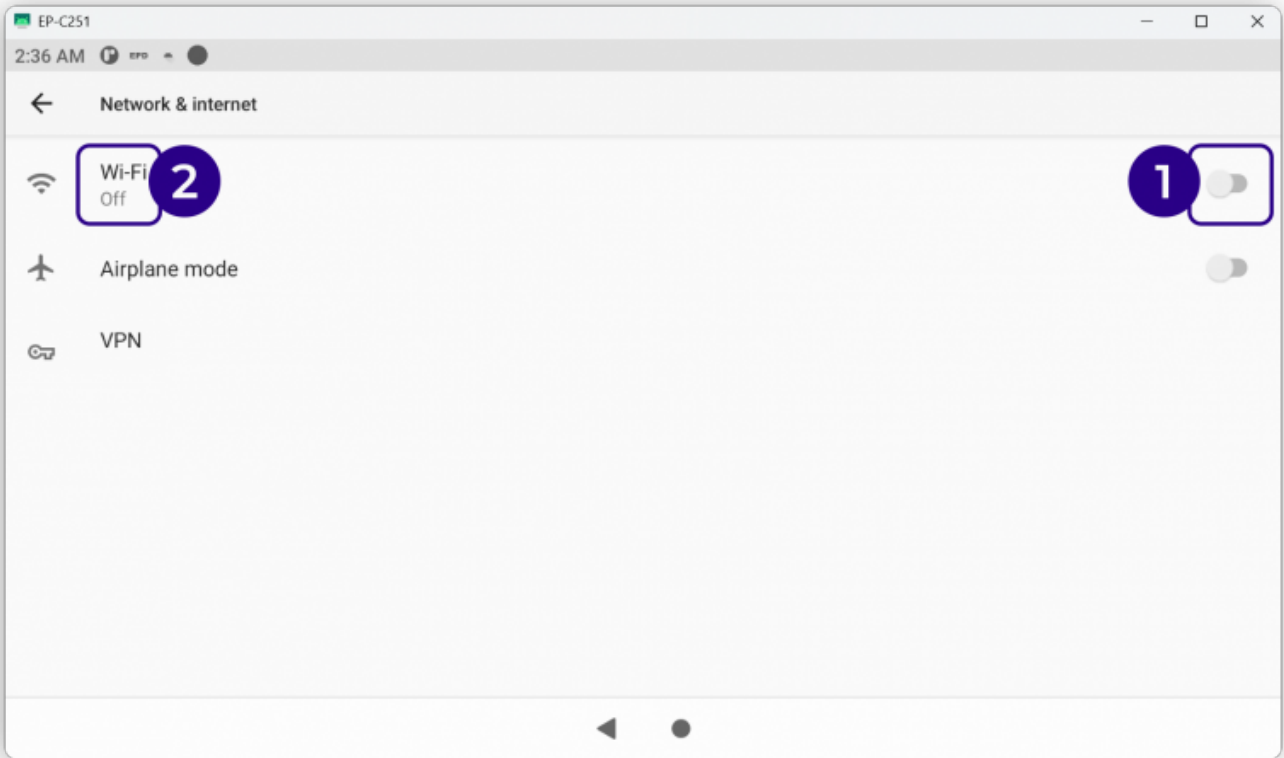
Press the gear icon to access the settings



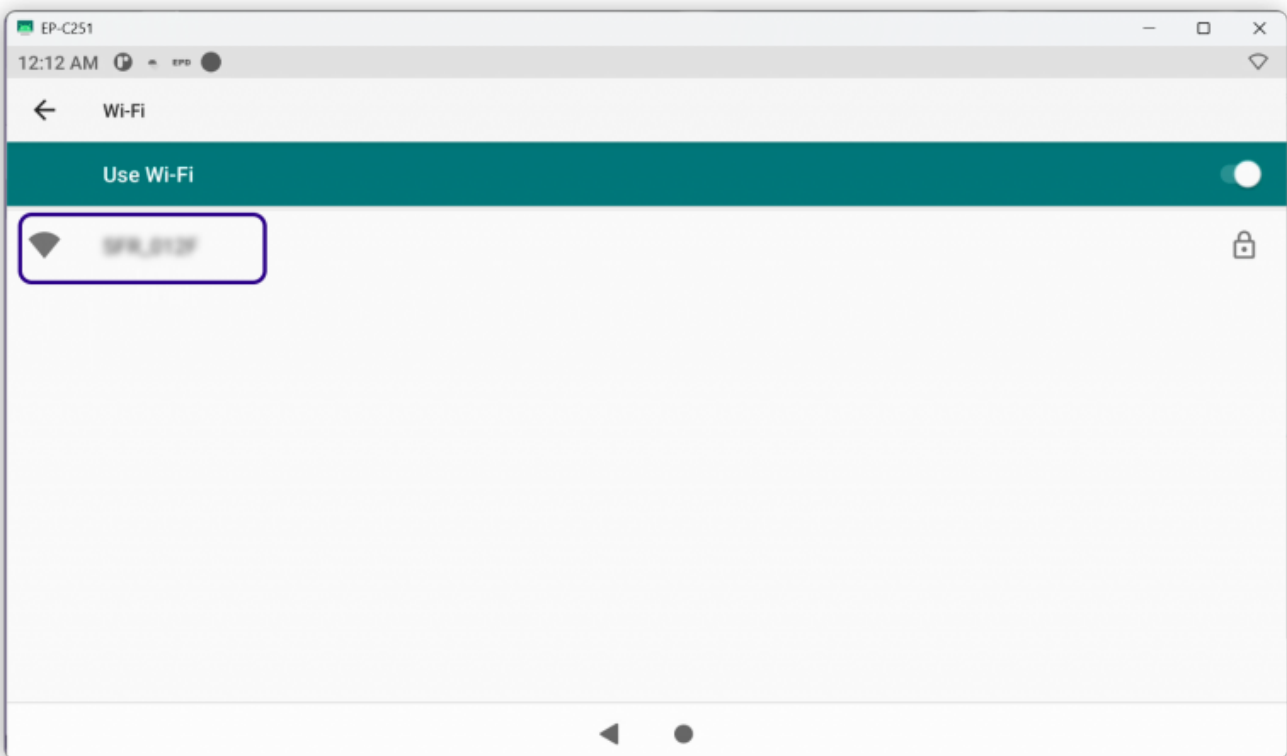
Select Network and Internet



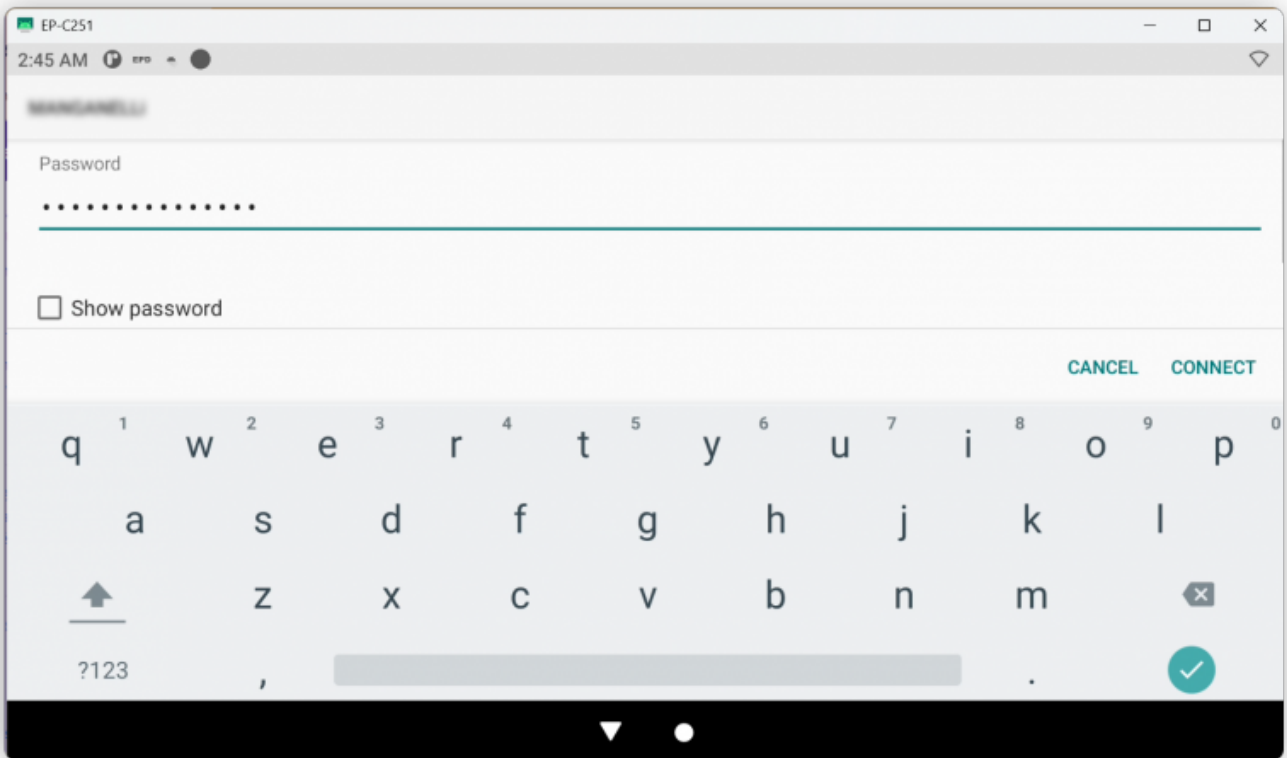
Switch the toggle to trigger the scan of available networks.



Select the network, and click on **connect**



Enter your network password



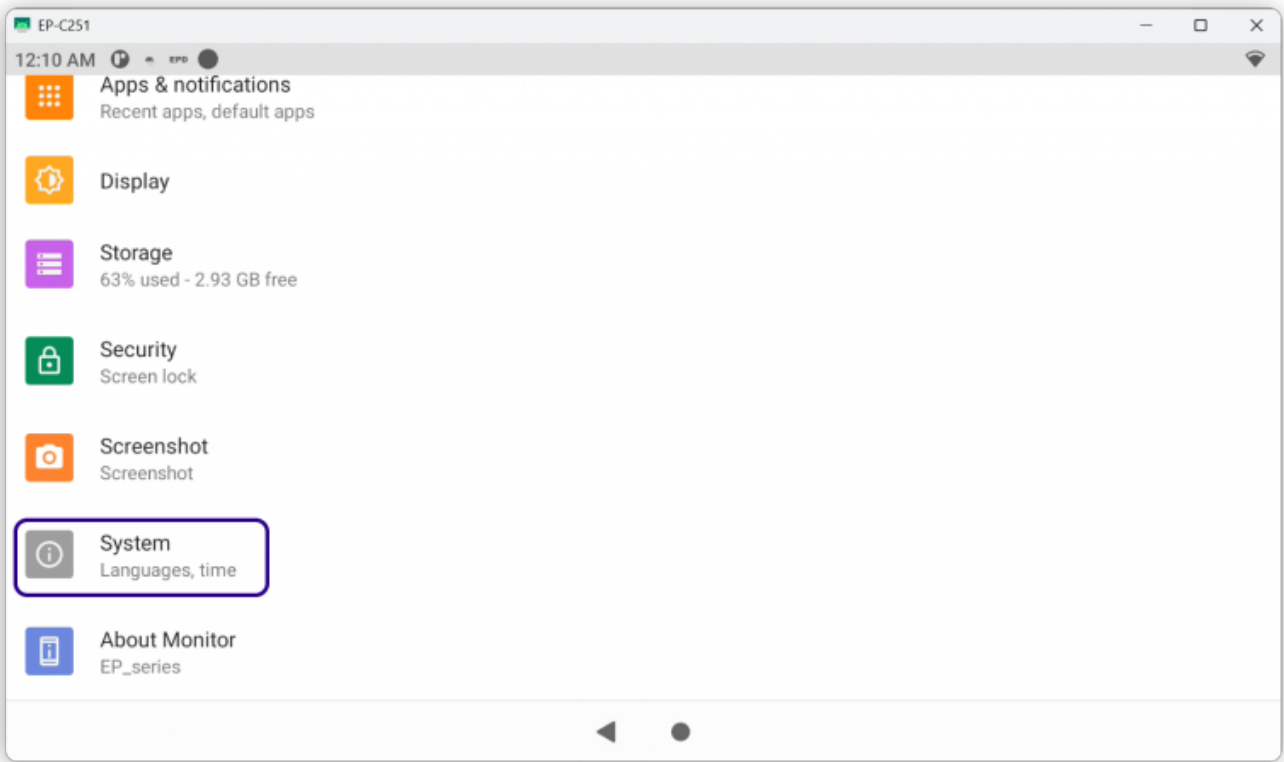
Go back to the previous screen with the left arrow button to return to the settings menu.

4. Set the screen date, time, and time zone

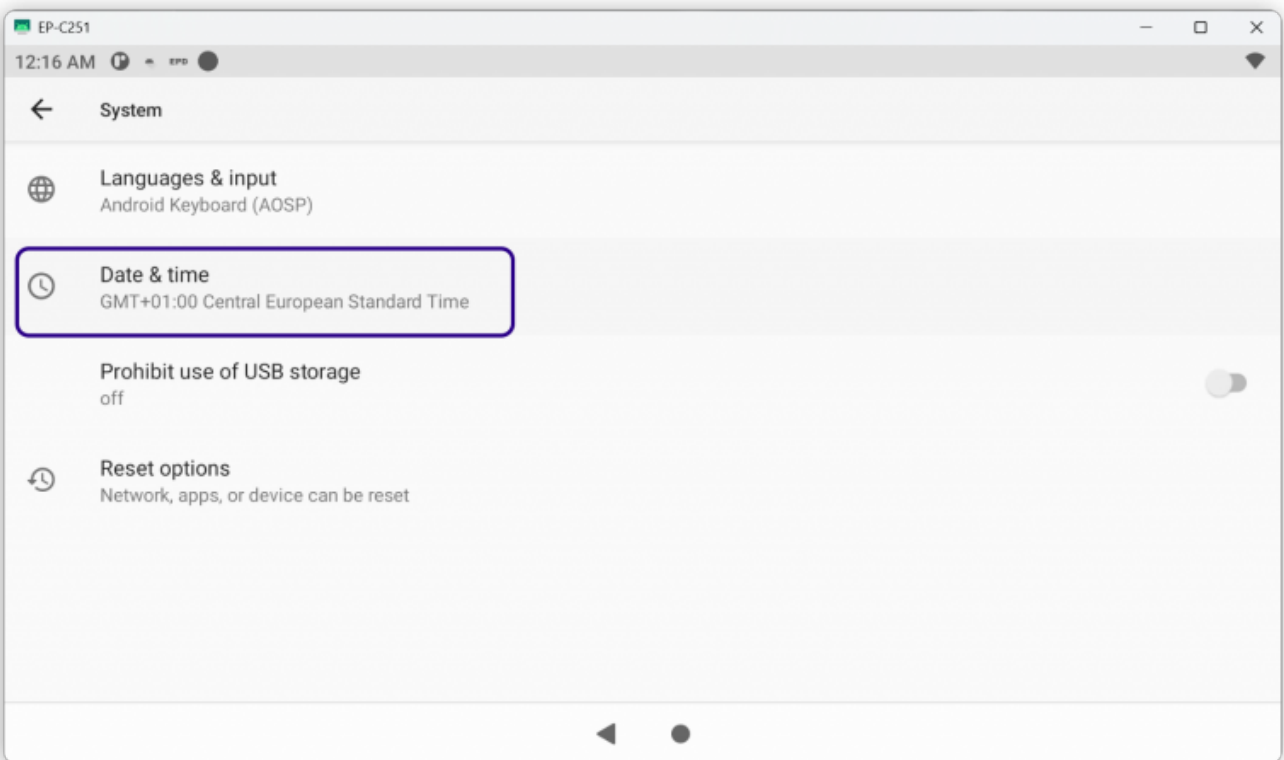


Setting the date, time, and time zone of the screen is a very important step. If not completed, it may cause the screen to malfunction.

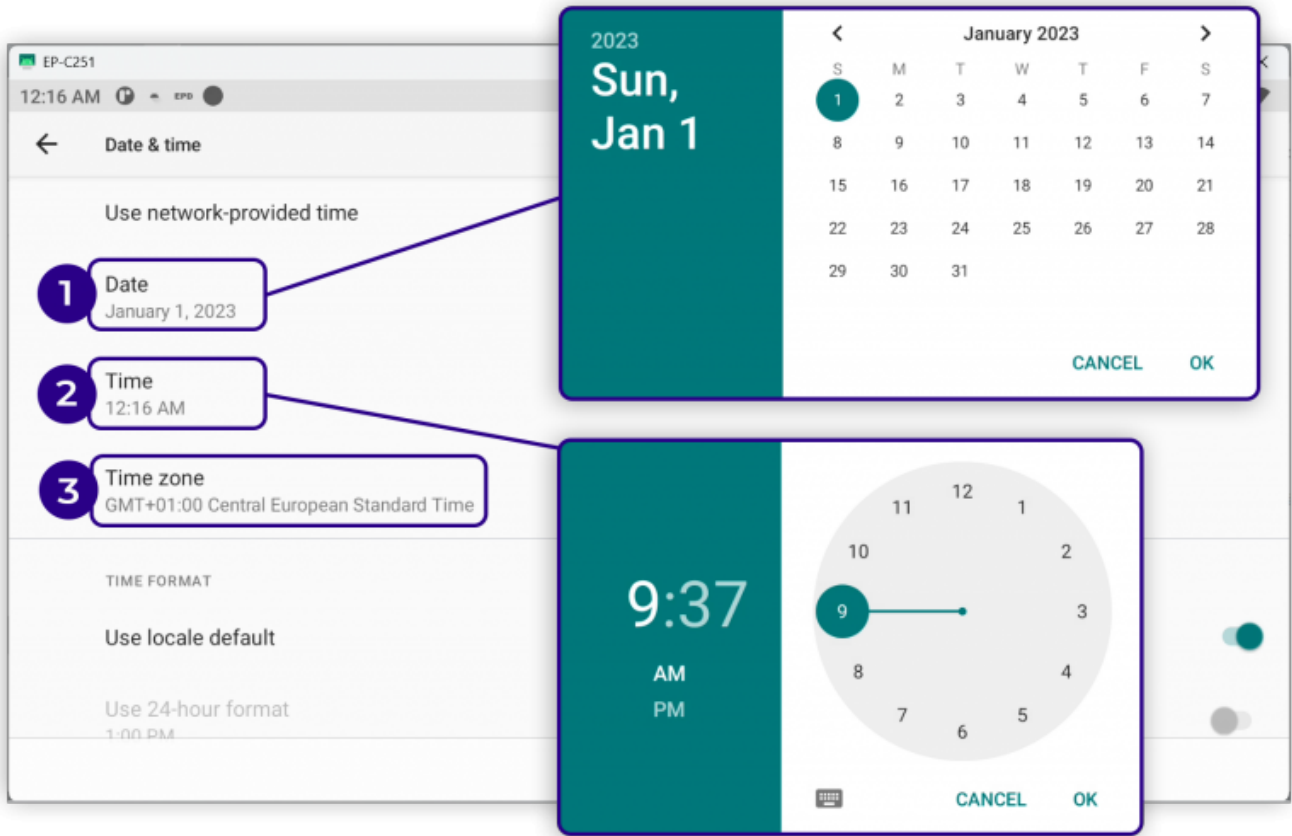
In the settings screen, click on **system**.



In the **system** screen, then click on **Date & time**



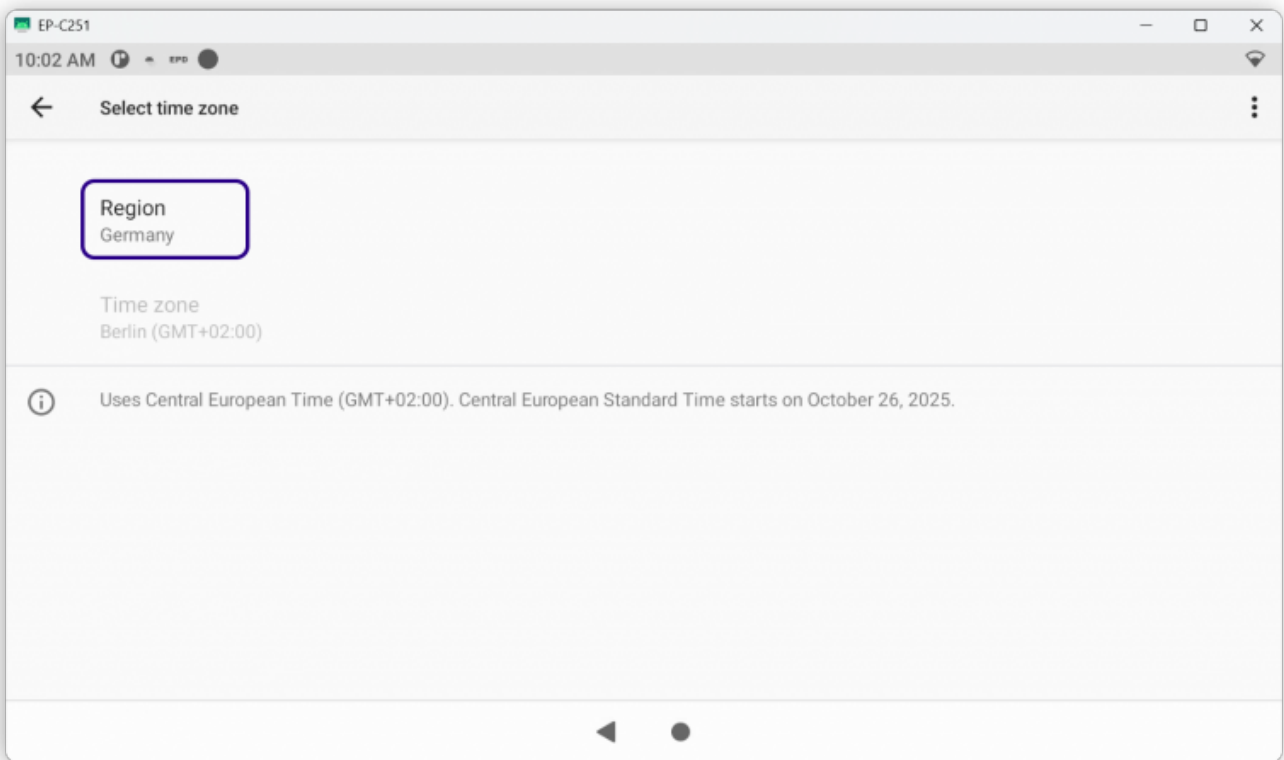
Then select **Date & time**



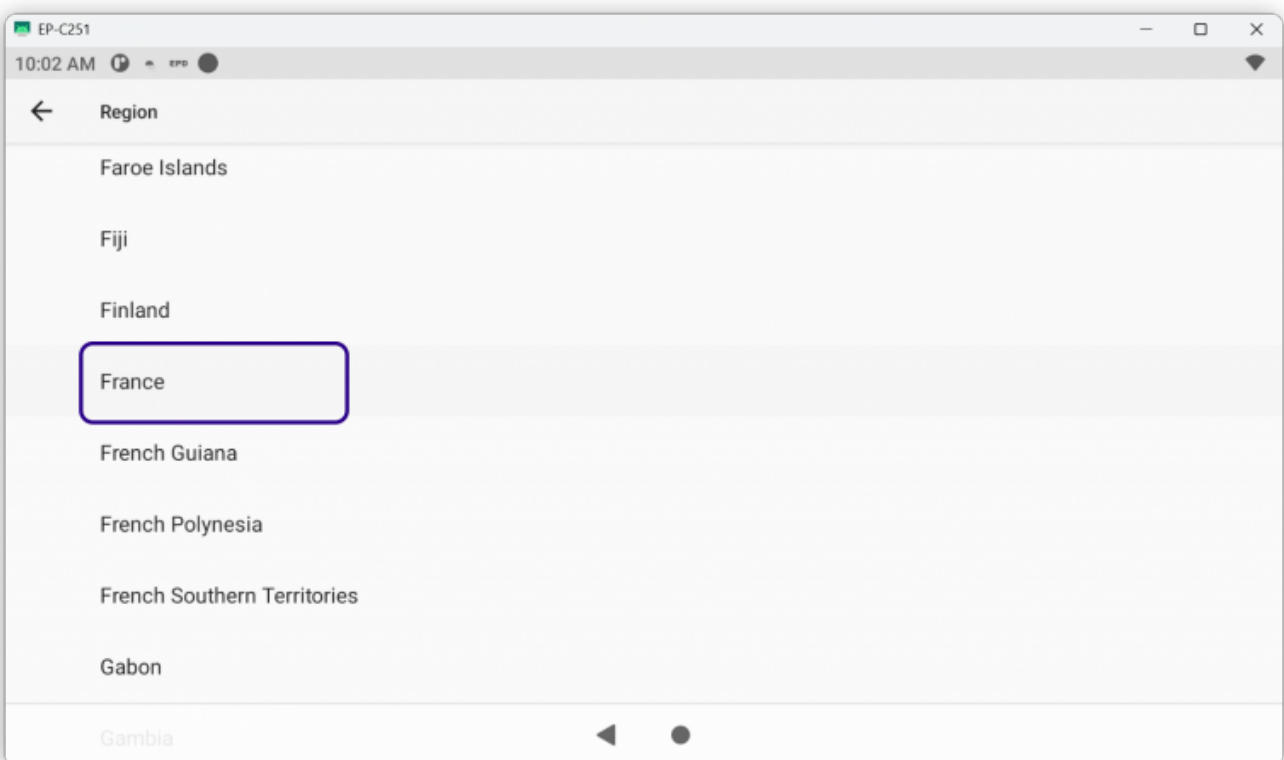
On the Date & time page, there are three actions to perform:

- Set the date
- Set the time
- Select the time zone (your time zone)

[Click on Region](#)



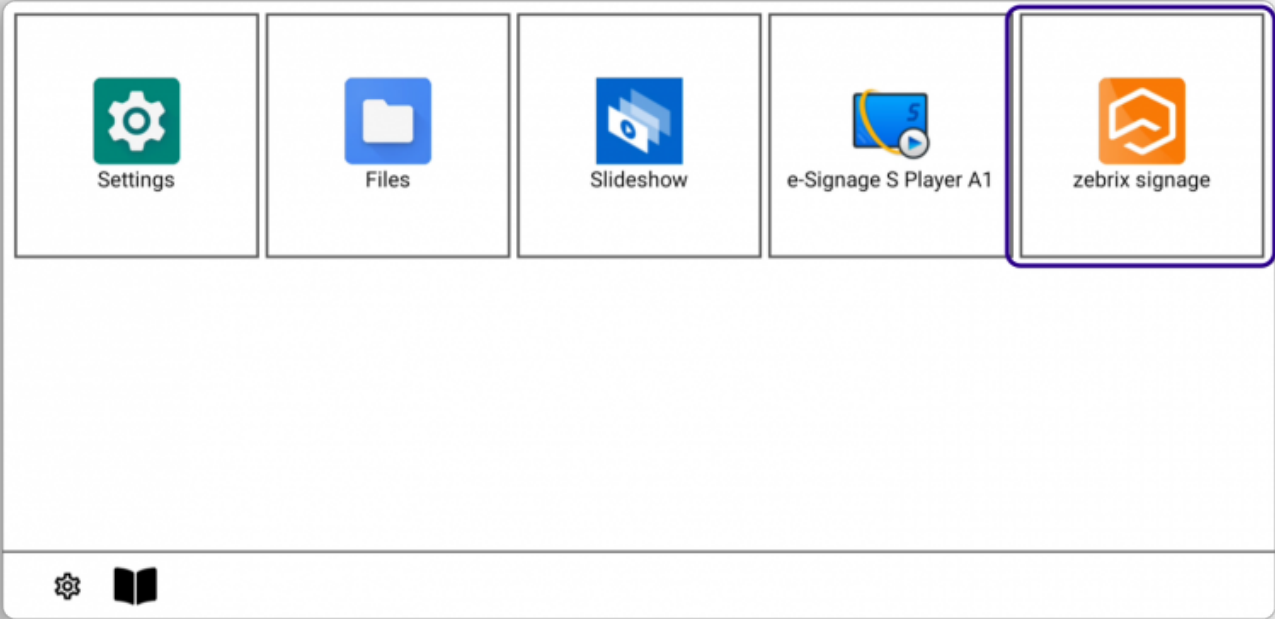
Choose the country where the screen is located



The time zone of your screen is now configured, you can return to the home page.

5. Launch the Zebrix application

Finally, launch the Zebrix Signage application from the home screen list



Your screen has been activated



Information Section:

1. Reset a Sharp screen:

Disconnect all USB-C cables (power and ADB).

Hold down the pairing button and plug in the USB-C power cable, keep the button pressed until the red LED starts blinking.

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

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

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