

10VH-RT Simple Manual

Federal Communications Commission (FCC) Statement

15.21

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance

could void the user's authority to operate the equipment.

15.105(b)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement

1) This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

2) This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This equipment should be installed.

Content

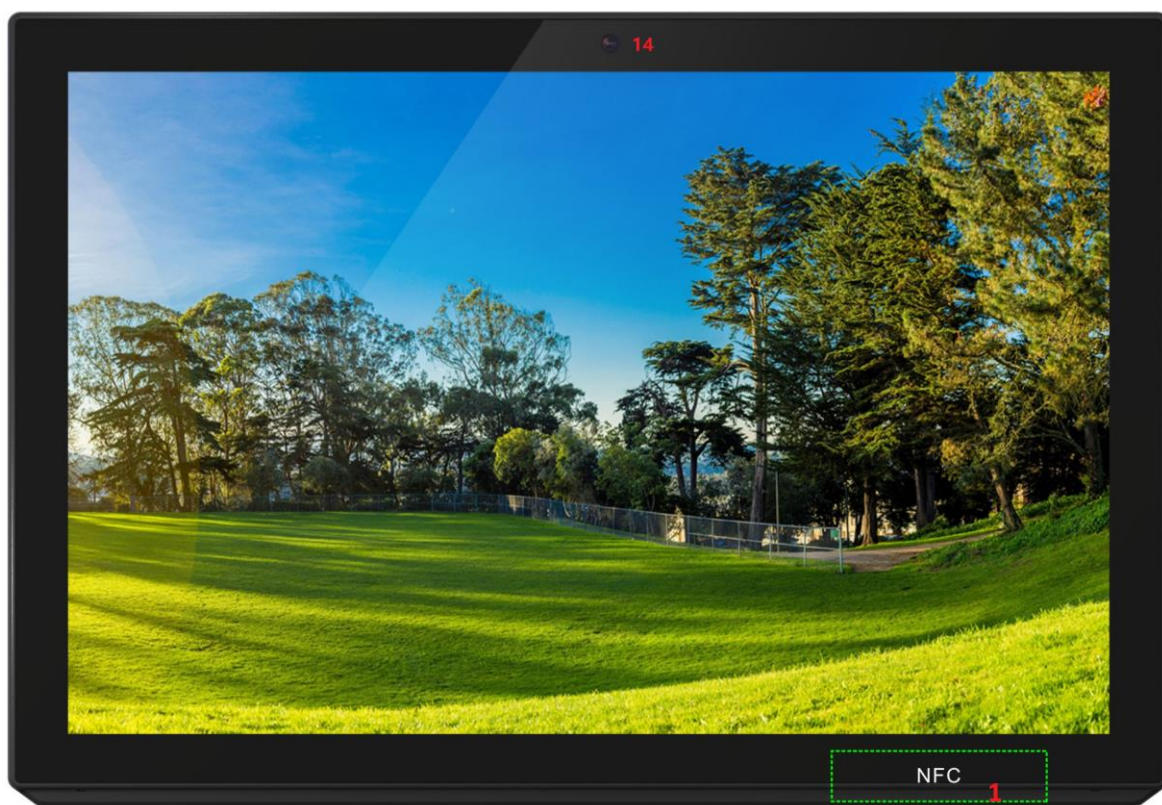
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Declaration

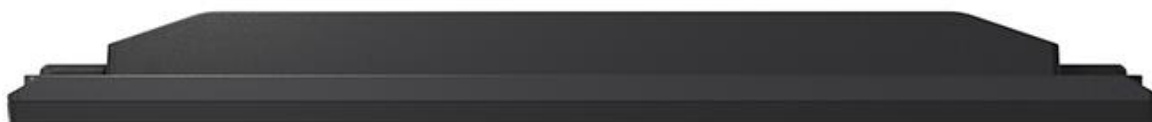
- ✓ Please read the instructions carefully before equipment installation and using the device.
- ✓ Do not put the product in high temperature, humid or dusty environment.
- ✓ Do not drop, crash or break down this product.
- ✓ Do not power off the device when it's formatting or upgrading, otherwise it will cause operation system error.
- ✓ This product is not waterproof.
- ✓ Use only approved add-on enhancements.

Product Instruction

- Front



- Top



-Back



1. NFC sensing area

2. Power Key

LED Indicator:

Green	Power supply is on.
Light Off	Power supply is off.

3. Vol+

4. Vol-

5. Add-on module slot: to put optional add-on module

6. Micro-USB-TypeC Port: USB 3.0 Type C (OTG) / PD by 12V

7. DC In Jack: powered by 12V/24W DC input

8. HDMI Port: HDMI Type C output (covered, for production test only)

9. Earphone Jack (3.5mm)

10. USB Port: support USB 3.0 Host type A

11. RS485+DIO] [5PIN GND/TX/RX/DI/DO]

12. SD Card Slot / Cover: support external SD card

13. 10/100/1000Mbps RJ45 Ethernet Port: support Ethernet connection
support POE: 802.3at (option)

14. Camera (optional): MIPI 5MP, GA5035/GC05A2

15. VESA Mount Holes: for installing the bracket

16. WIFI: IEEE 802.11b/g/n/ac 2.4G&5G

17. Temperature: Operation: 0°C ~ 40°C (32°F ~104°F)
Storage: -10°C ~ 55°C (14°F ~ 131°F)

Power on the Product

Without Mounting Bracket

Step1 Power on the power adapter that connected to this product. (**#7** in **Product Instruction**)

Use Mounting Bracket

Step1 Put the mounting bracket to the back of the tablet, and tighten the installation screws on the screw holes.

Insert SD Card

This product supports external SD card. Please insert your SD card into the SD Card Slot (**#12** in **Product Instruction**) on the bottom of this product.

Insert USB Devices

This product supports USB and Micro-USB to deal with your files.

USB

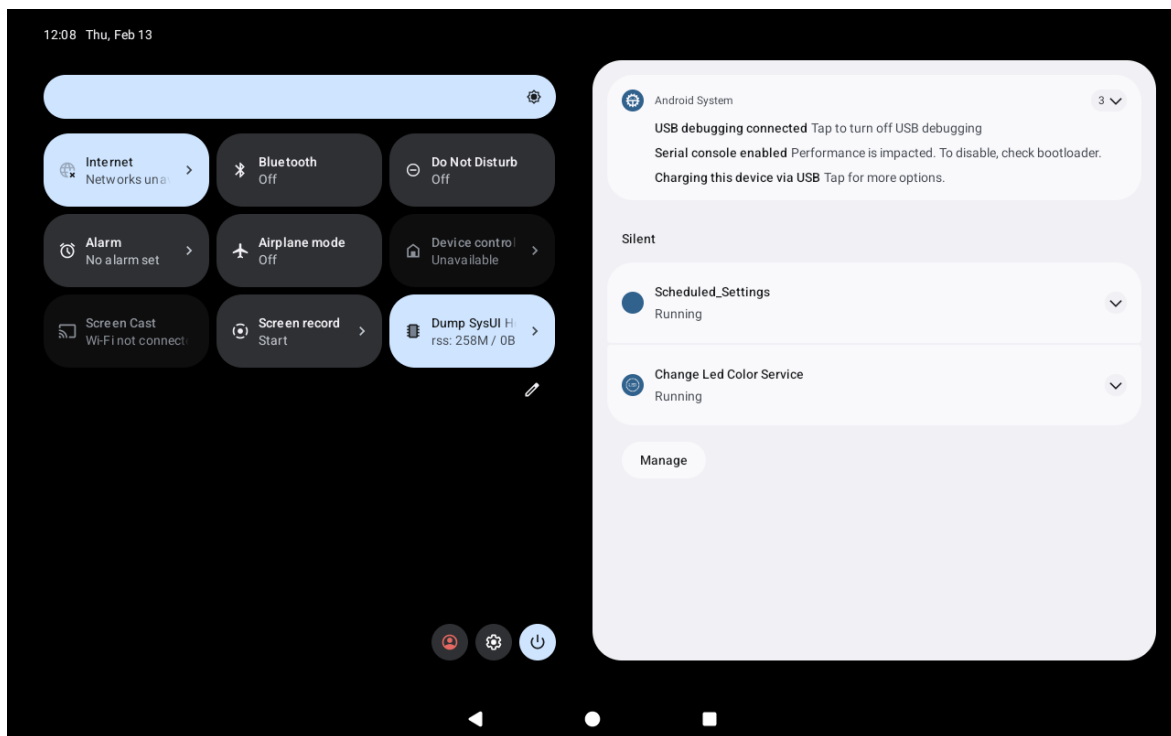
Plug your USB memory into the USB port (**#10** in **Product Instruction**) on the bottom of this product, and then you can do the file operations via the File Browser. (See in **Browse Files**).

Micro-USB

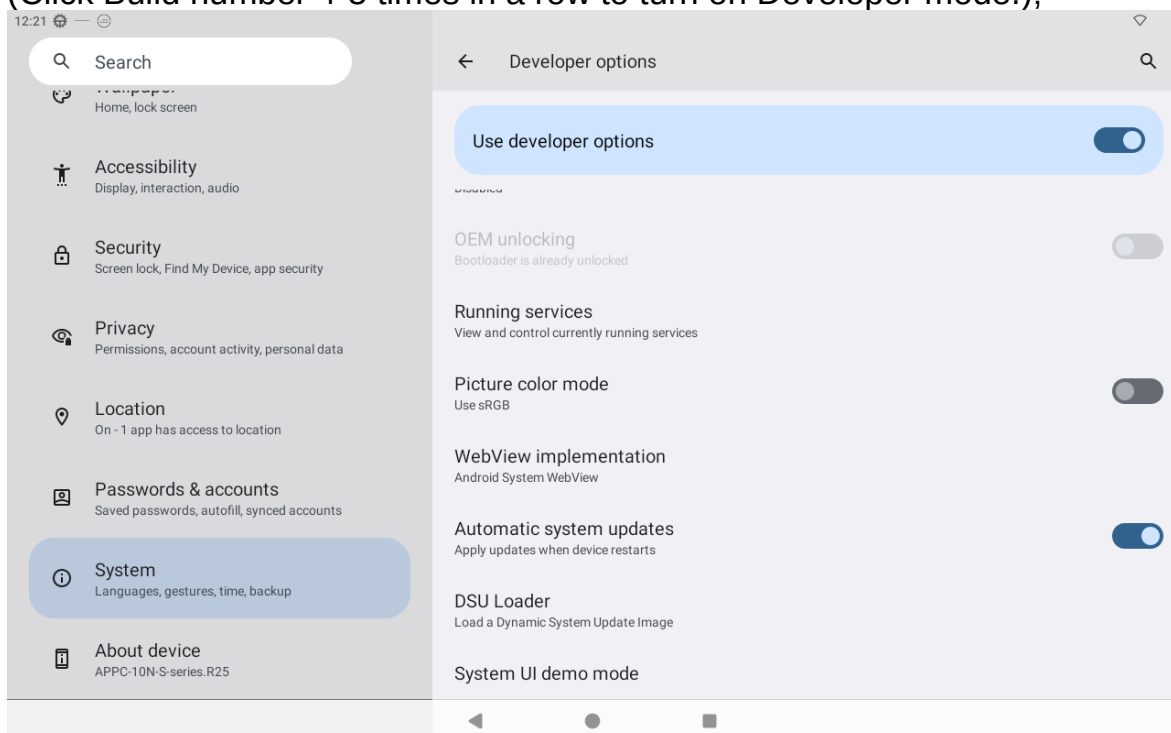
Connect the Micro-USB port (**#6** in **Product Instruction**) on the bottom of this product and the USB port on your computer with a Micro-USB-to-USB cable.

Type C Connector not supported Type-C Charging function.

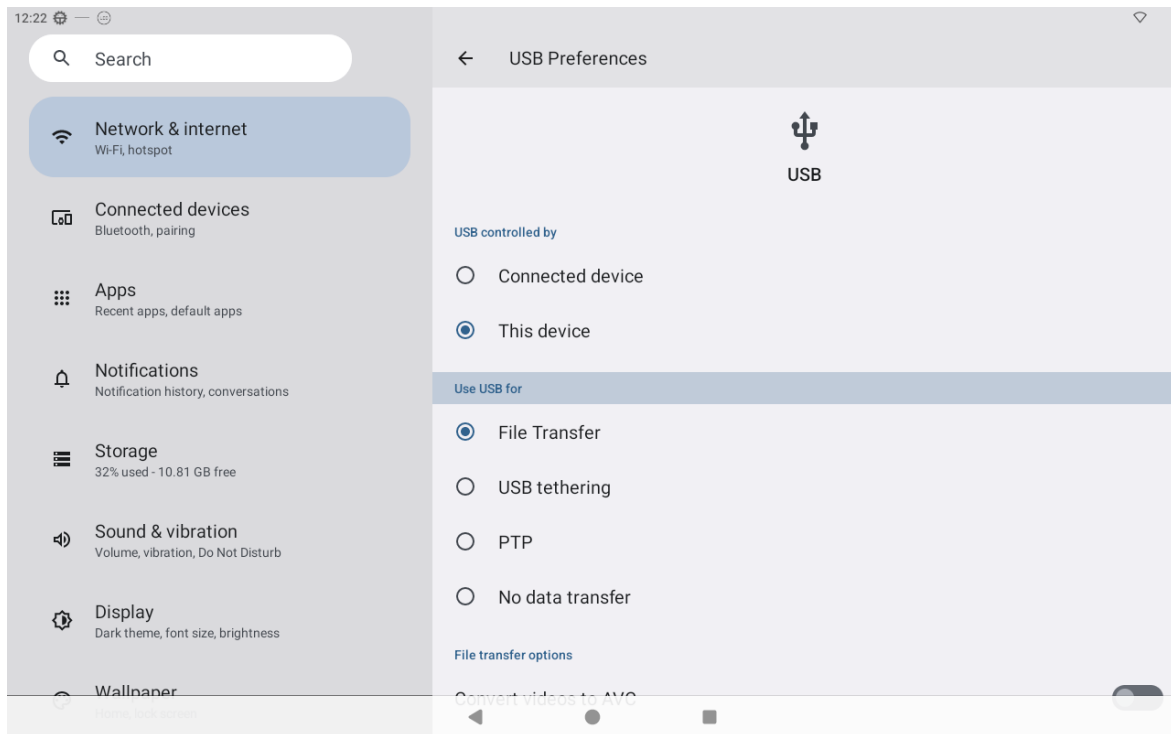
Type C PD The normal power supply driving voltage is 12V.



Click the “**USB debugging connected**” Entry “**Developer options**” interface (Click Build number 4-5 times in a row to turn on Developer mode.);

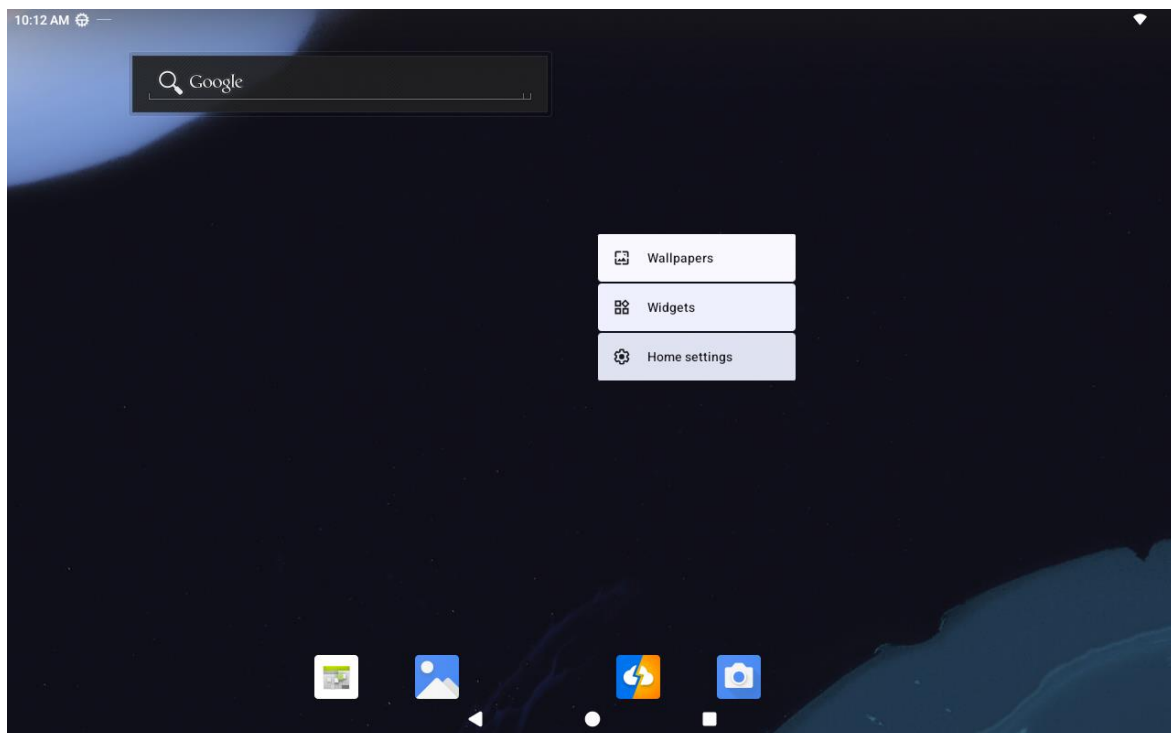


Click the “**USB Preferences**” access to the USB use options interface.



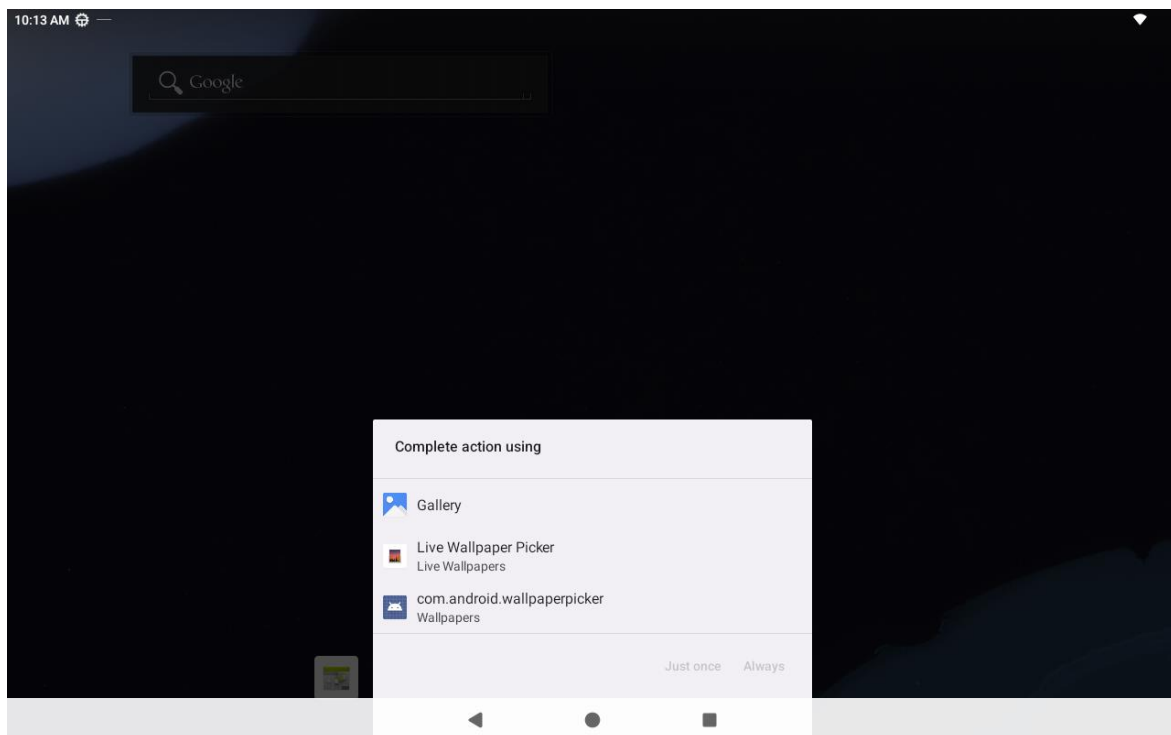
Home Screen

In the home screen, you can long-press the blank space to change the wallpaper or drag widgets to desktop.

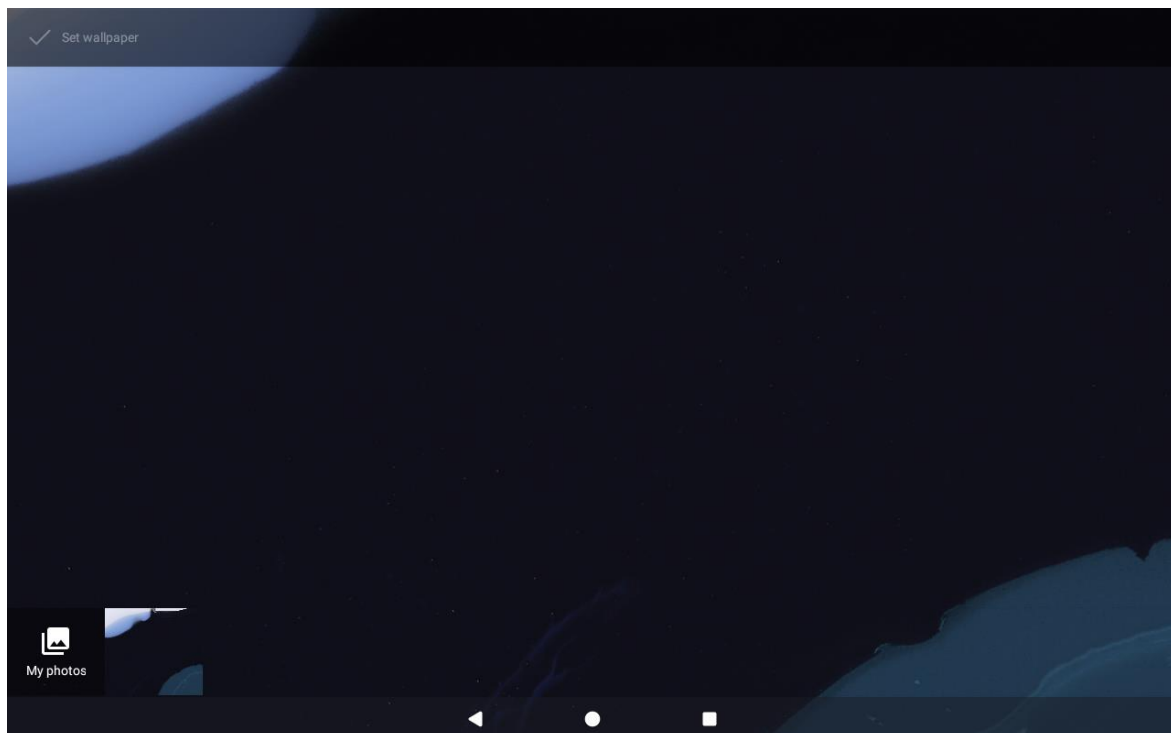


Change Wallpaper:

1. Click “WALLPAPER”.



2. Select an image from “com.android.wallpaperpicker”-“My photos”.

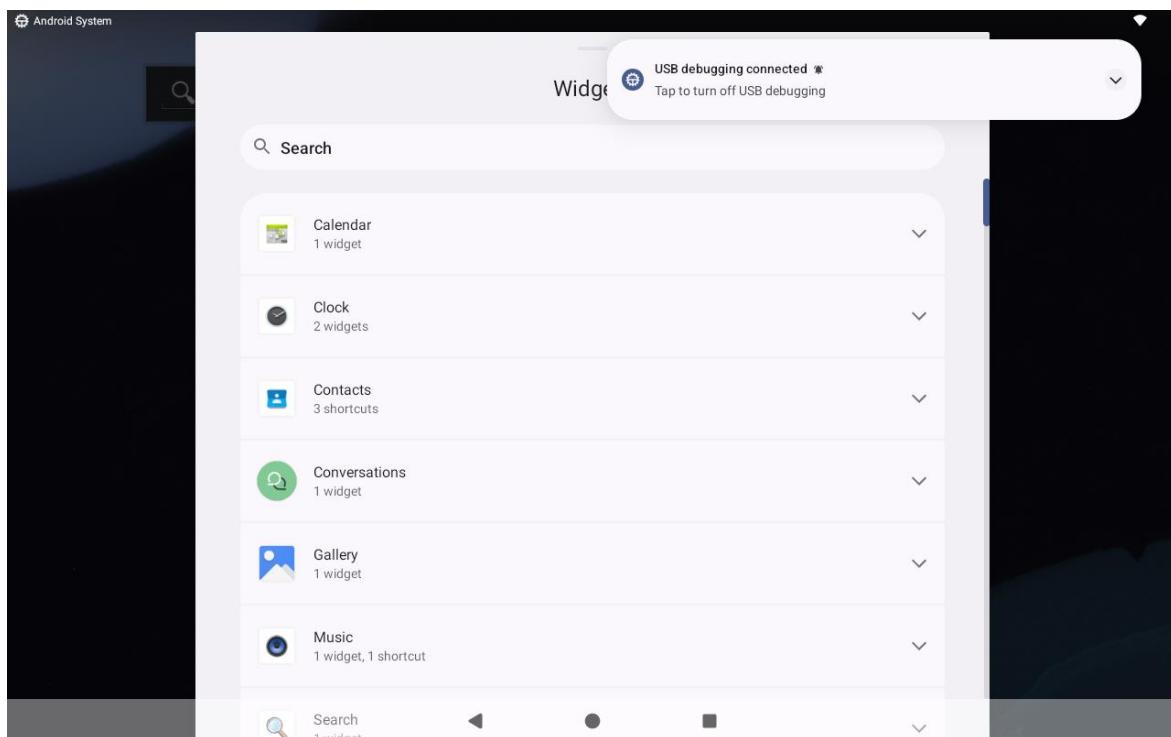


3. Click “Set wallpaper” on the upper-left corner of the screen to apply the wallpaper.

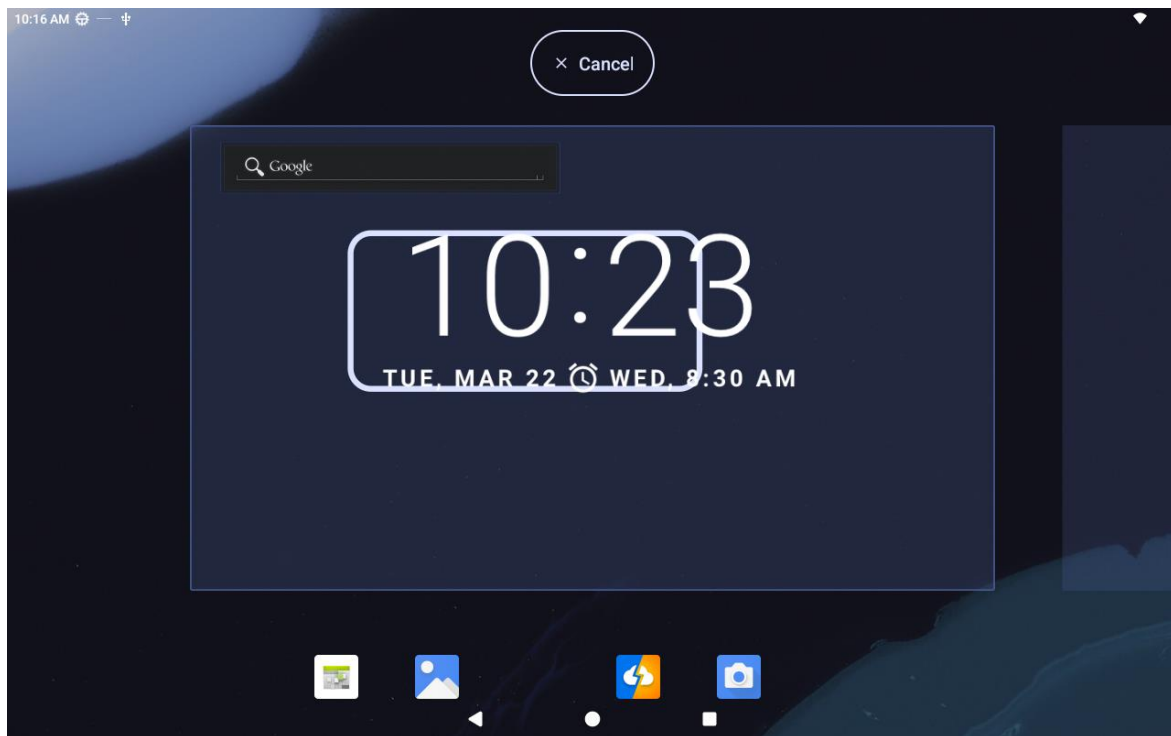


Add Widgets:

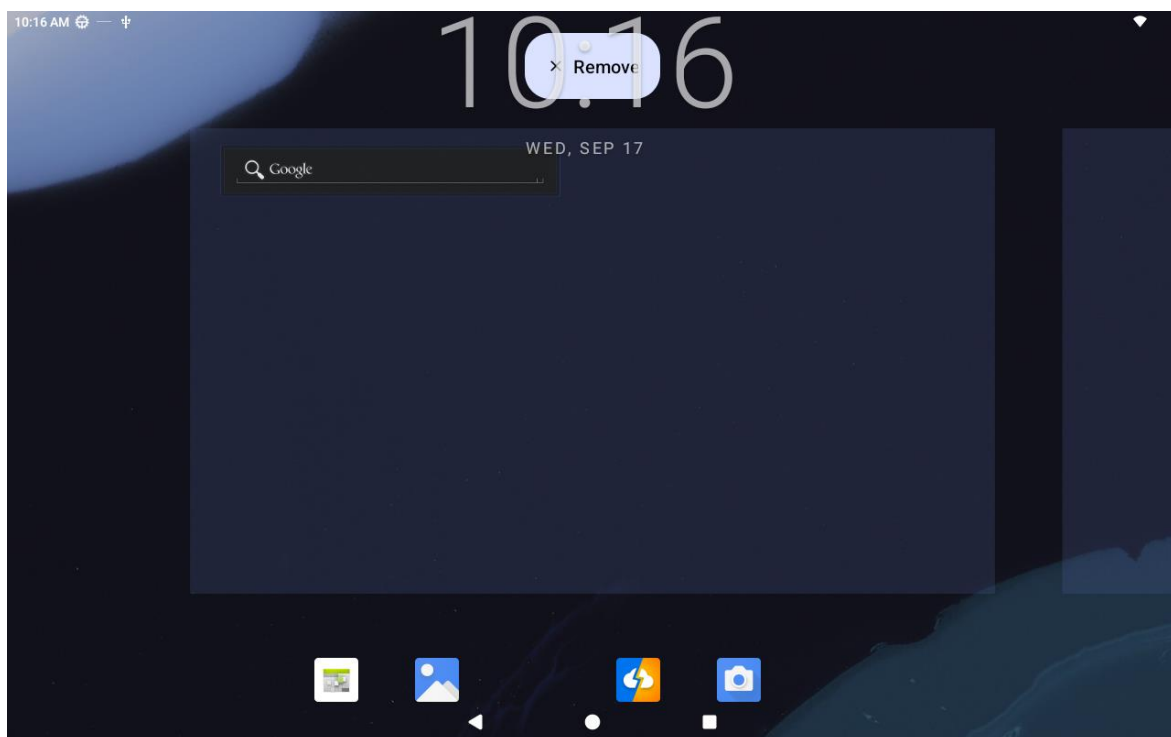
1. Click “WIDGETS” and “GOT IT”.



2. Long-press a widget and drag it to desktop.



3. If you want to remove an icon, long-press the widget and drag it onto “×Remove” at the top of the screen.

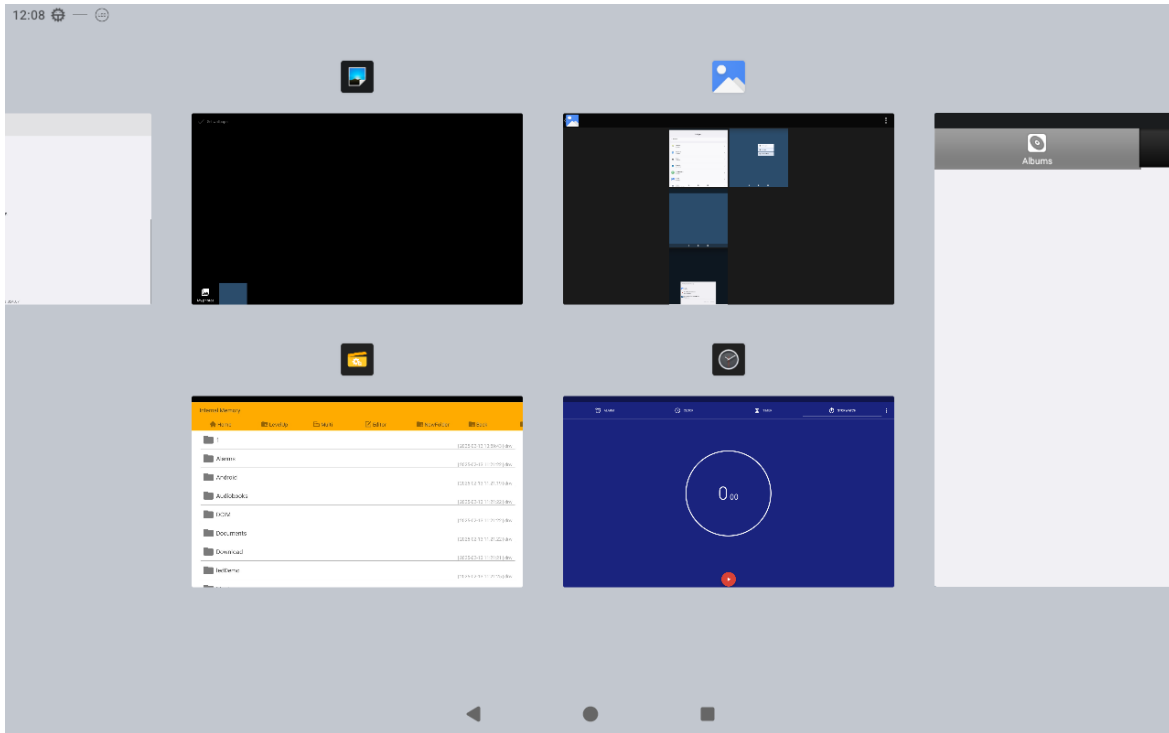


System Bar

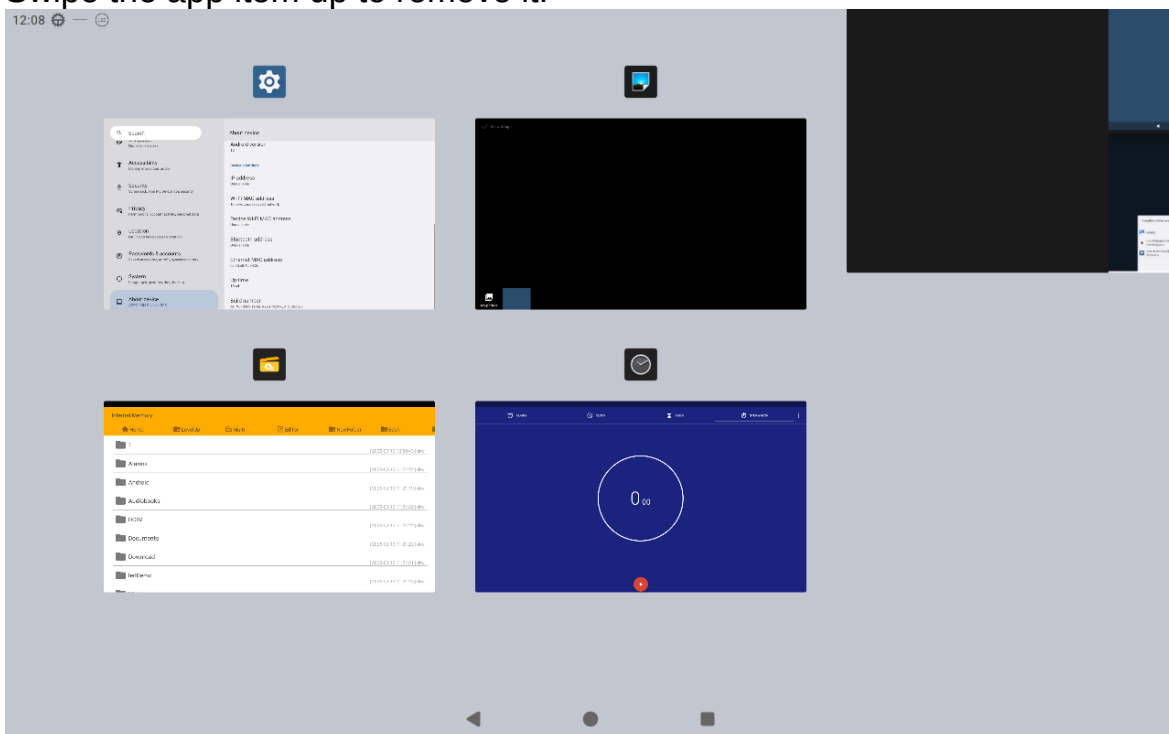
Navigation Buttons



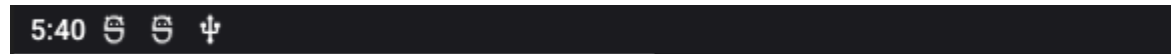
1. **Back:** Return to the previous page.
2. **Home:** Return to the home screen.
3. **Recent:** Switch between recently used apps.



Swipe the app item up to remove it.

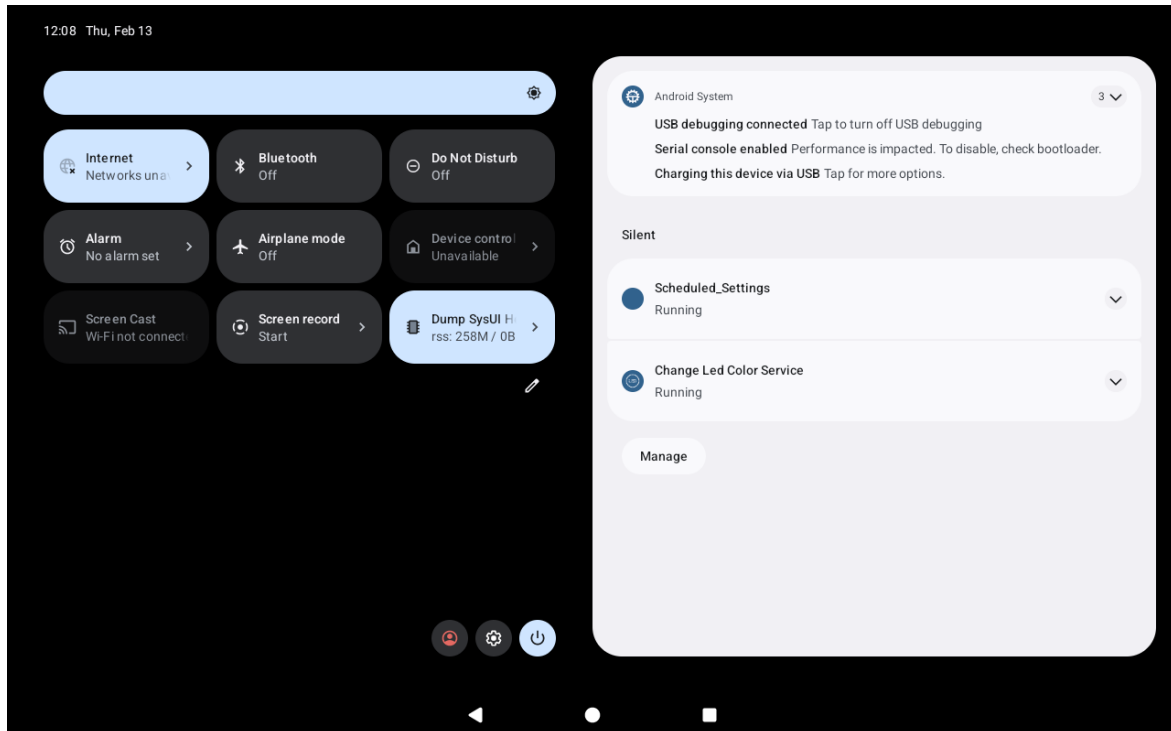


Status Notifications



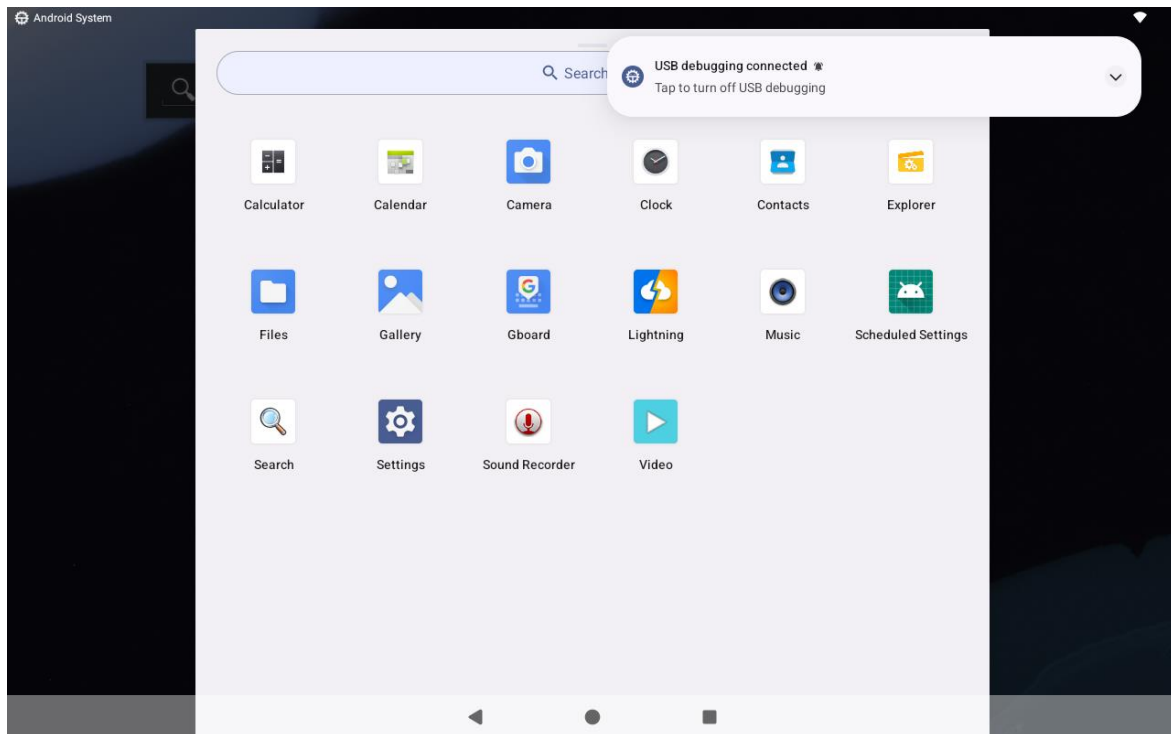
Status bar at top of the screen displays system status, such as time, Wi-Fi, SD card and USB connection etc.

Pull down to open the status window which contains brightness adjustment, Wi-Fi, auto rotate, airplane mode and Screen Record switch, and system settings entrance.



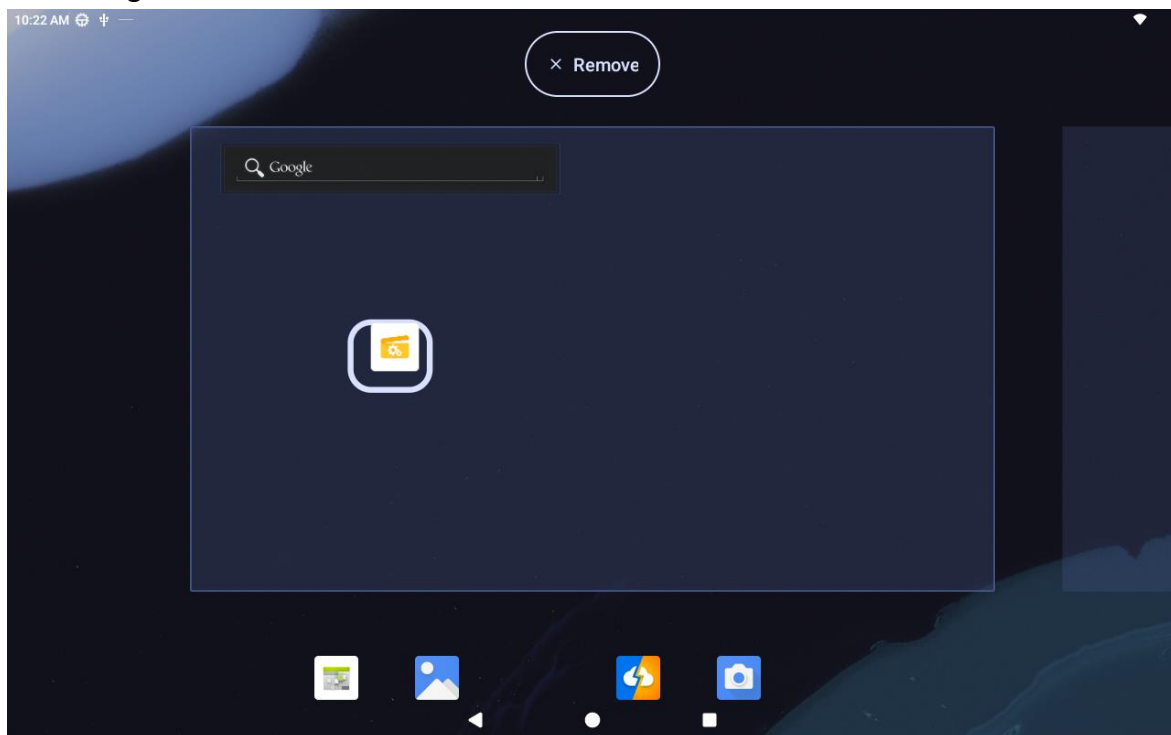
Applications

From the home screen, swipe up from the bottom to the application page.



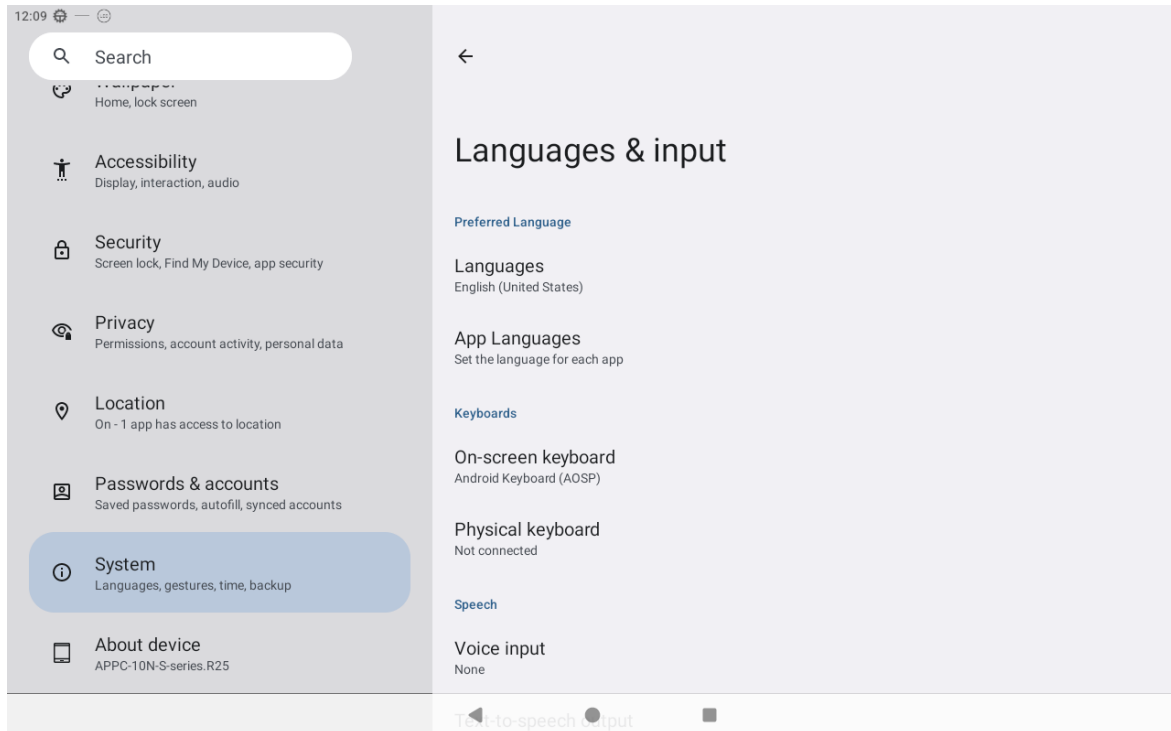
The installed applications will be shown here and you can open an app by clicking its icon.

To find an app easily, you can create a shortcut by long-pressing of the icon and drag it to the home screen.

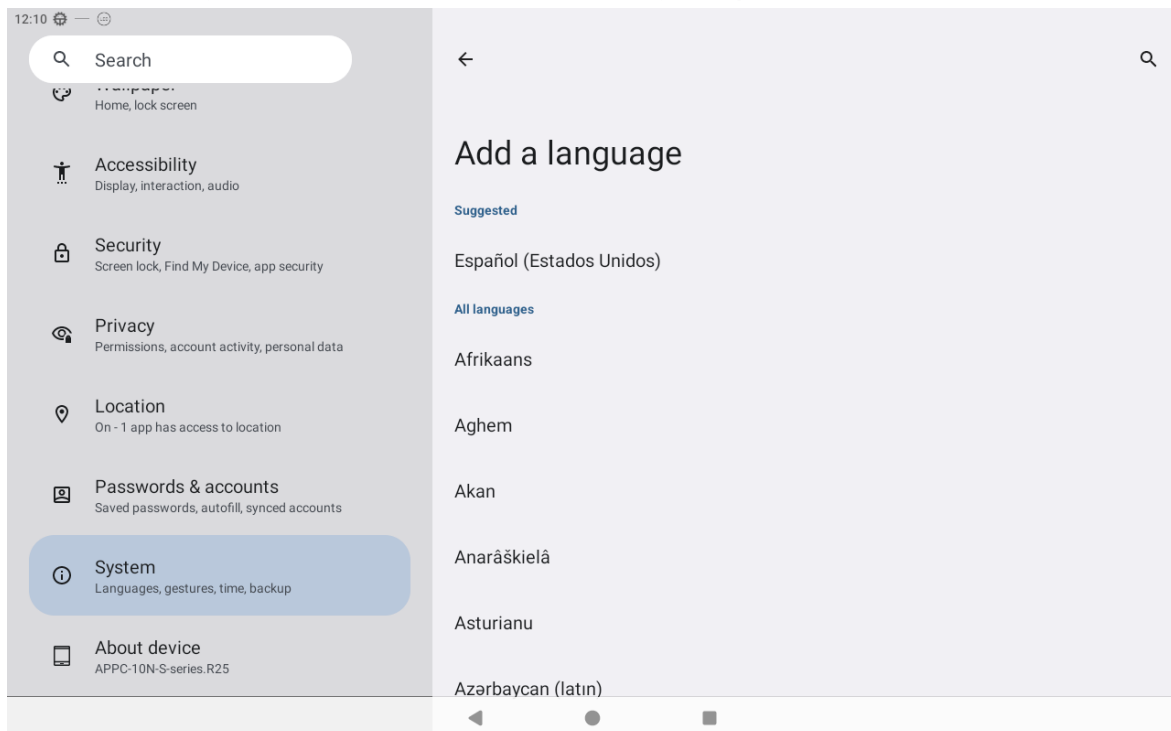


Language

In the App list, click “**Settings**”  to open the system setting app, and select the option “**System**”->“**Language & input**”.



Click the first option “**Add a language**” under “**Language**”, and then you can change the system language according to your preference.

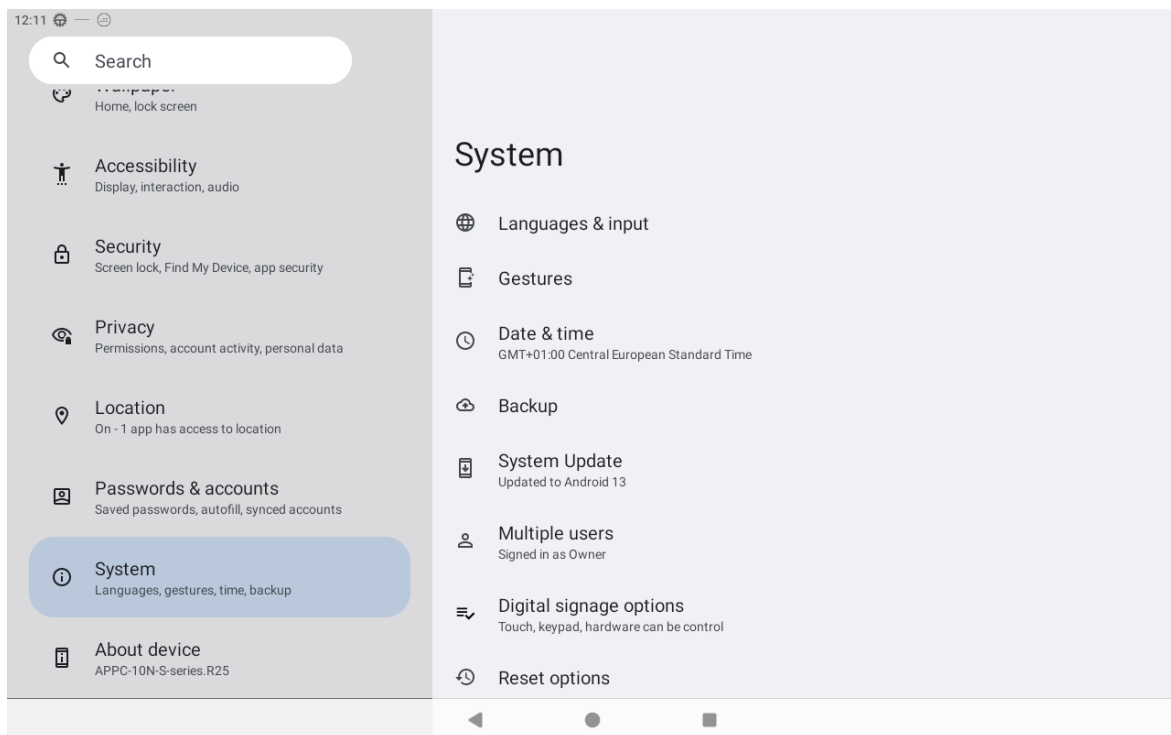


Long press the language you want to change to move up to the top.



Date & Time

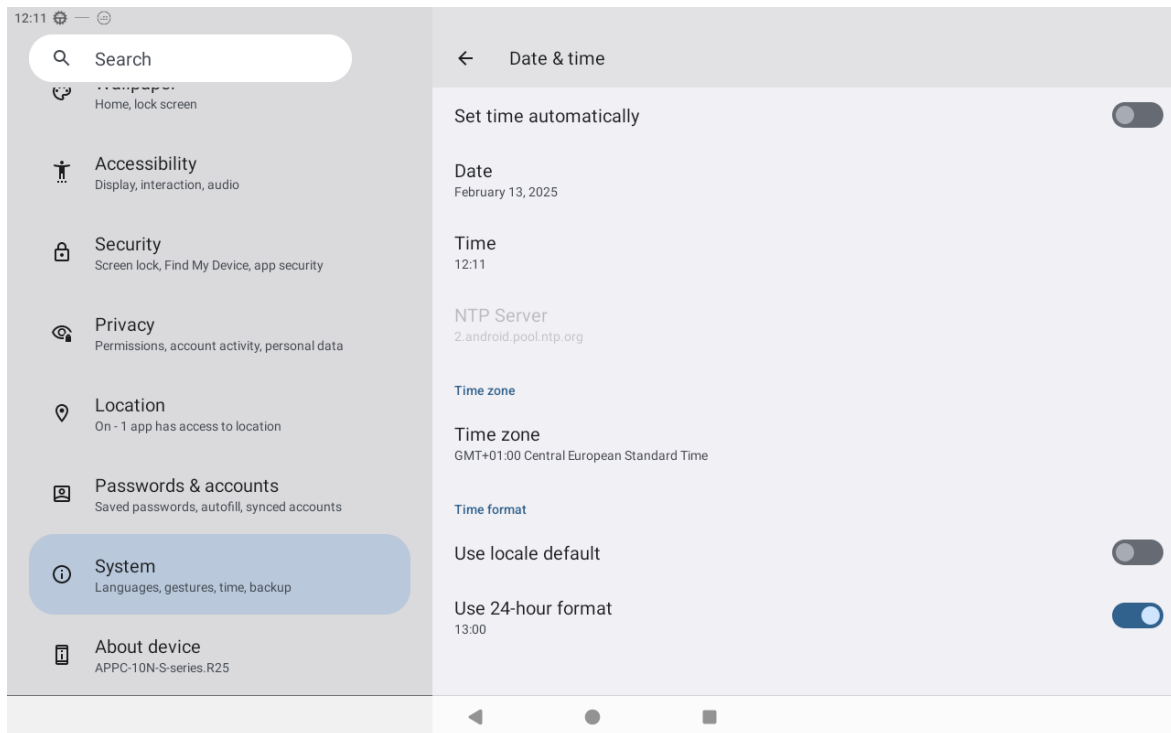
In the App list, click “**Settings**”  to open the system setting app, and select the option “**System**”->“**Date & time**”.



If you enabled the option “**Set time automatically**” under “**Date & time**”,

system date and time will be synchronized automatically with network time when you connected a Wi-Fi network.

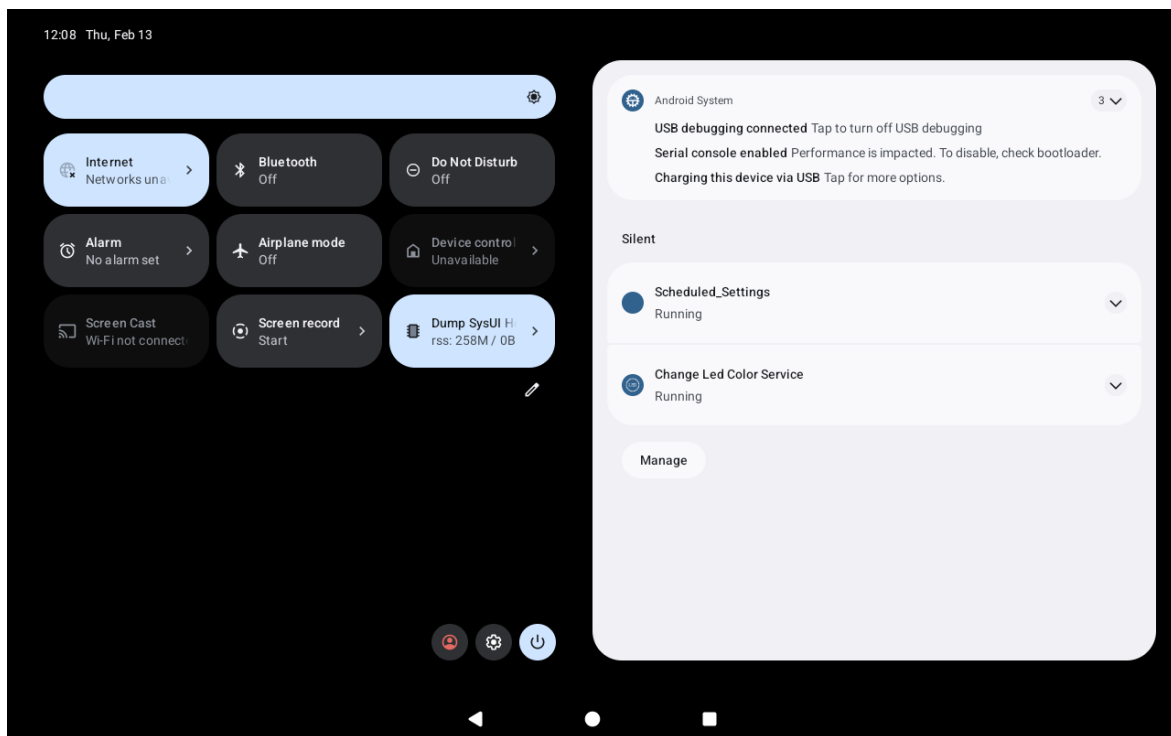
If you want to set the time manually, you need to disable “**Set time automatically**”.



In this option, you can also set time zone, time notation and date format.

Brightness

Pull down the screen to open the shortcuts window, and then click “Brightness”.



Slide the brightness button to adjust the brightness of the screen, or turn on Auto switch to automatically adjust the display's brightness to the appropriate level for the current ambient light.



Equipment management

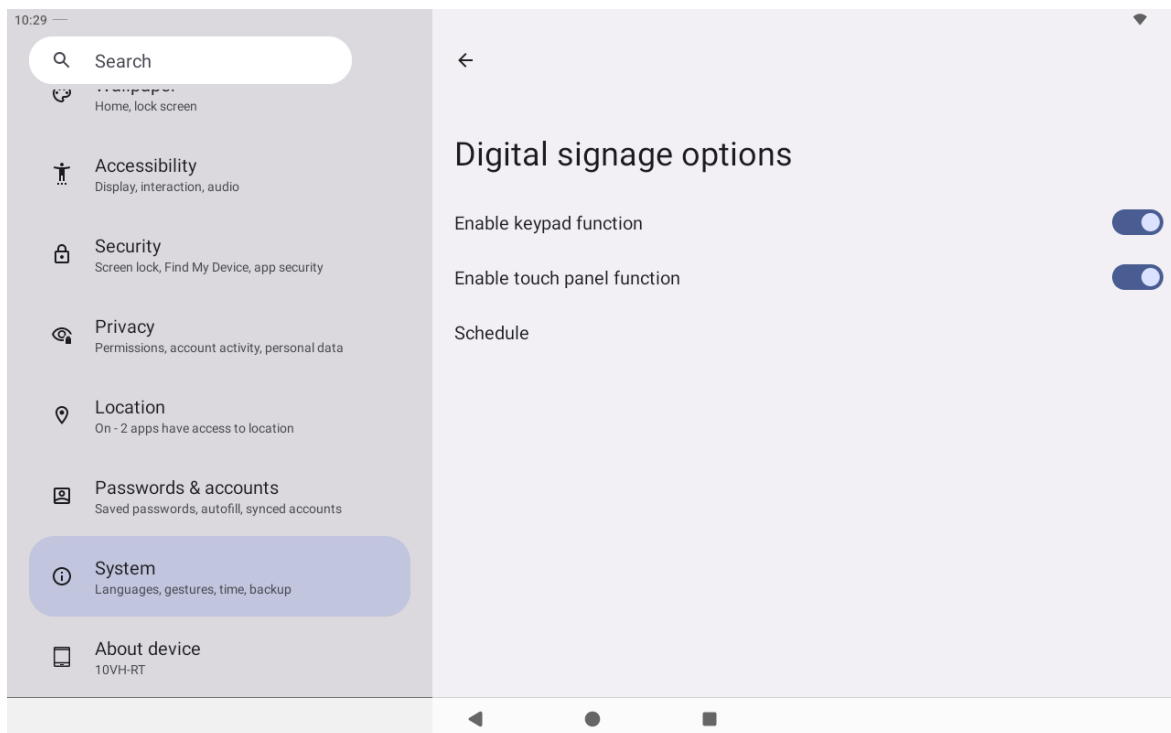
Function Introduction: Shut Down: Turn off the device at the set time.

Reboot: Restart the device at the set time.

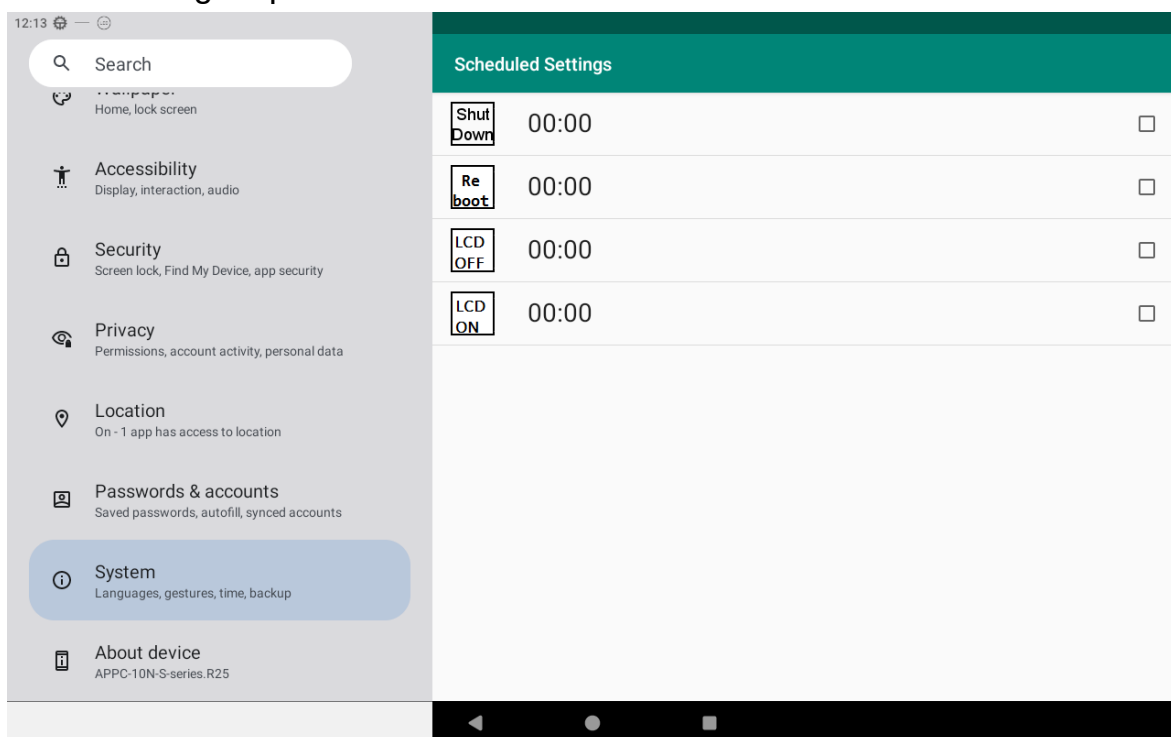
LCD OFF: The device enters sleep at the set time.

LCD ON: Wake up the device at the set time.

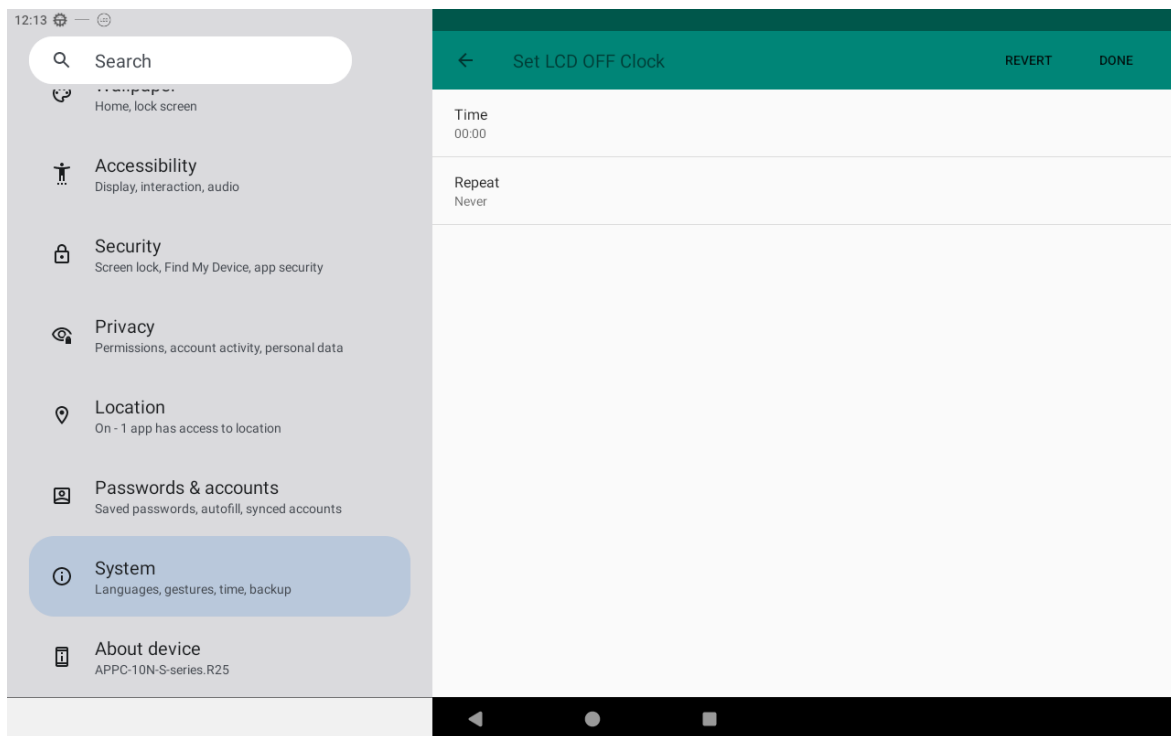
In the App list, click **“Settings”**  to open the system setting app, and select the option **“System”->“Digital signage options”->“Schedule”**.



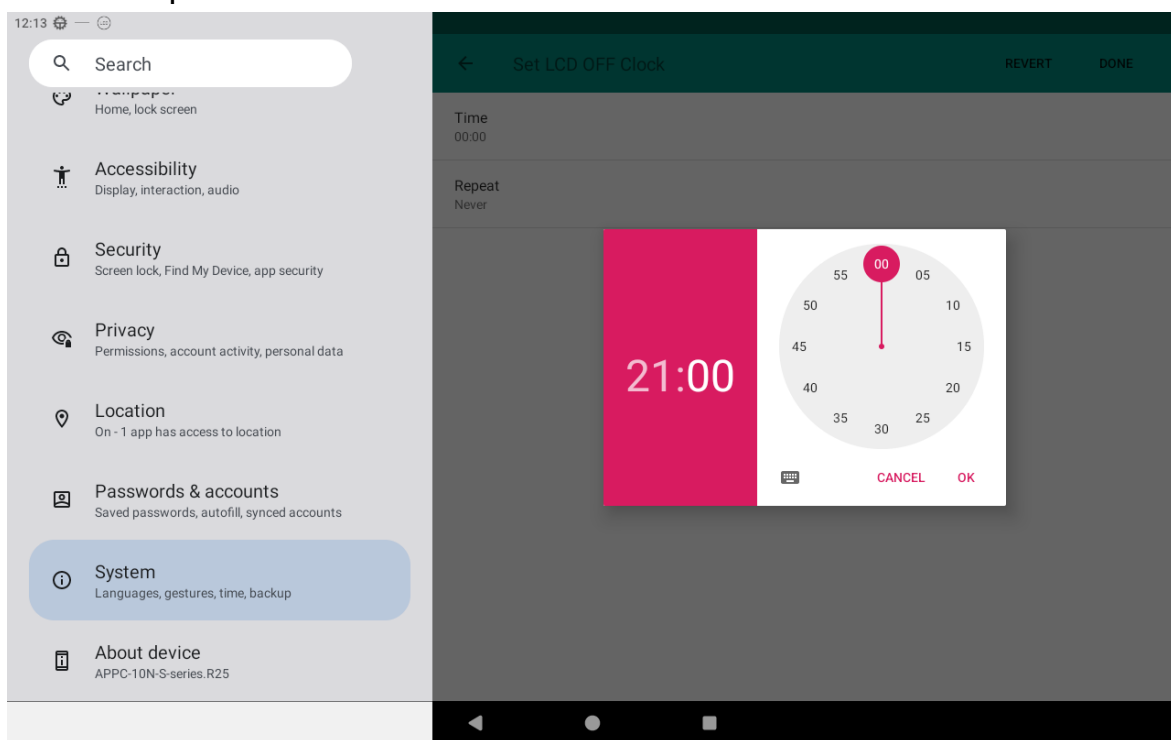
Click the single option “**Set Scheduled LCD Off/On Clocks**”.



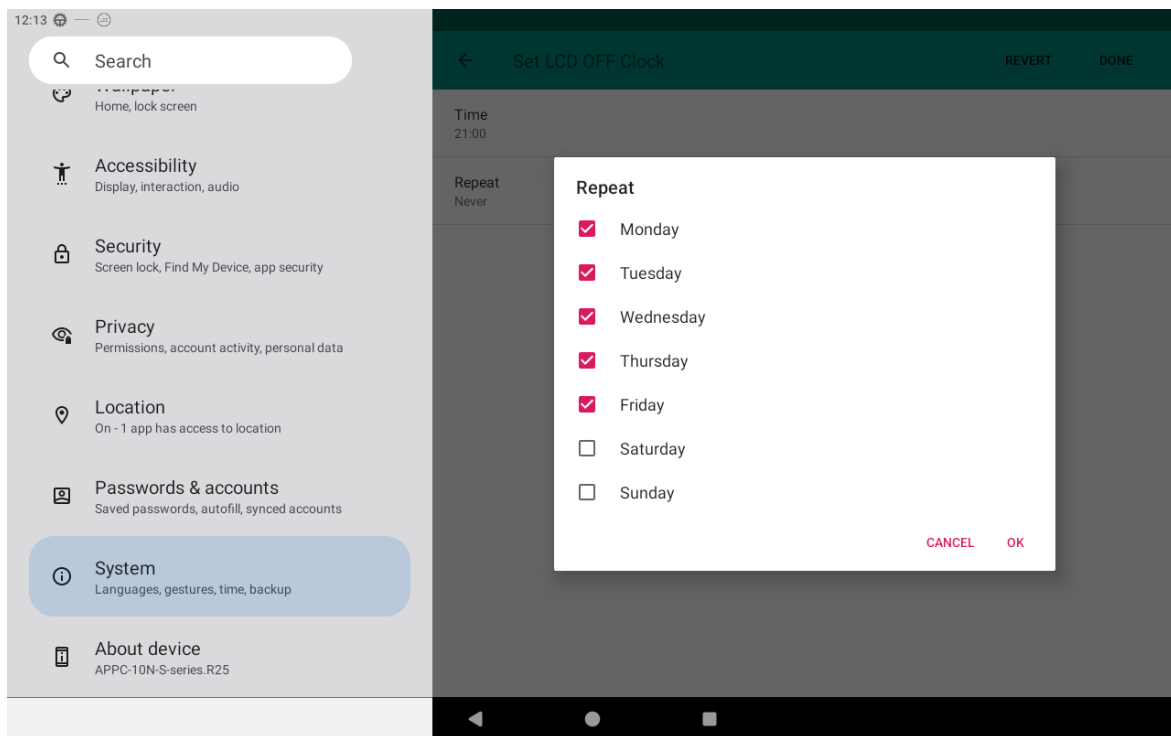
LCD OFF is when the machine goes to sleep and LCD ON wakes up from sleep. Start by setting the time to go to sleep.



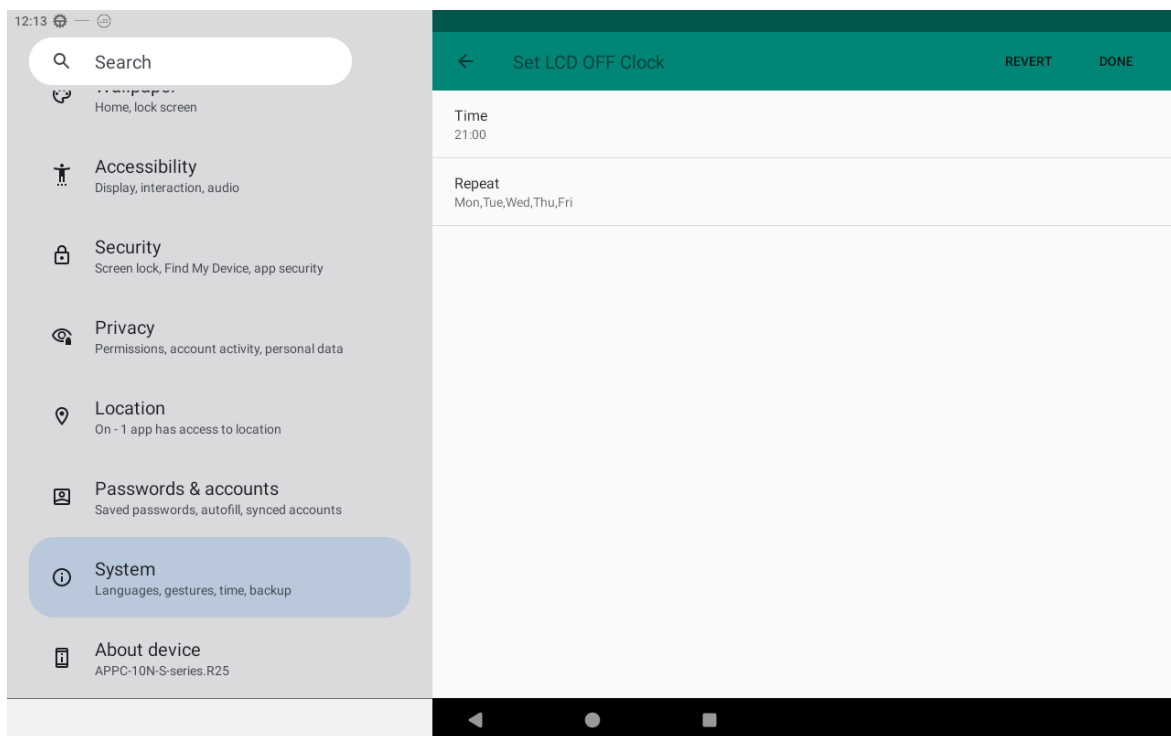
Click the option **“Time”** to set the LCD off time of this device.



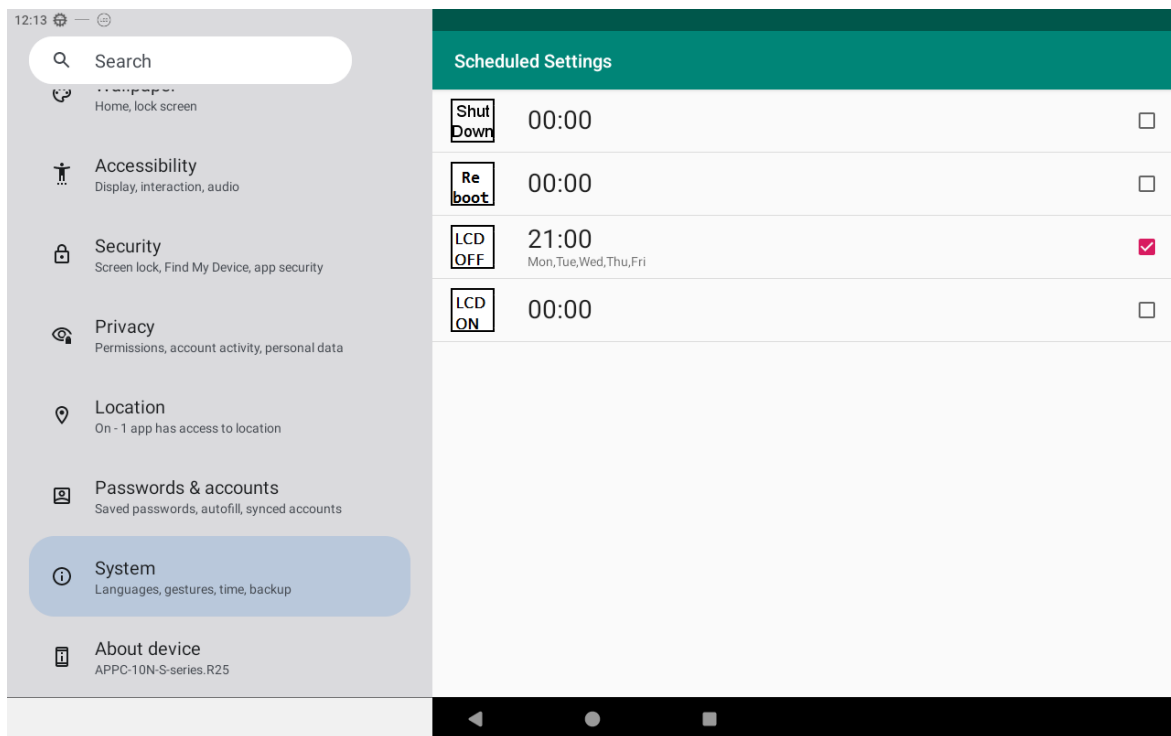
Click the option **“Repeat”** to select the days which will power on this device at the set time.



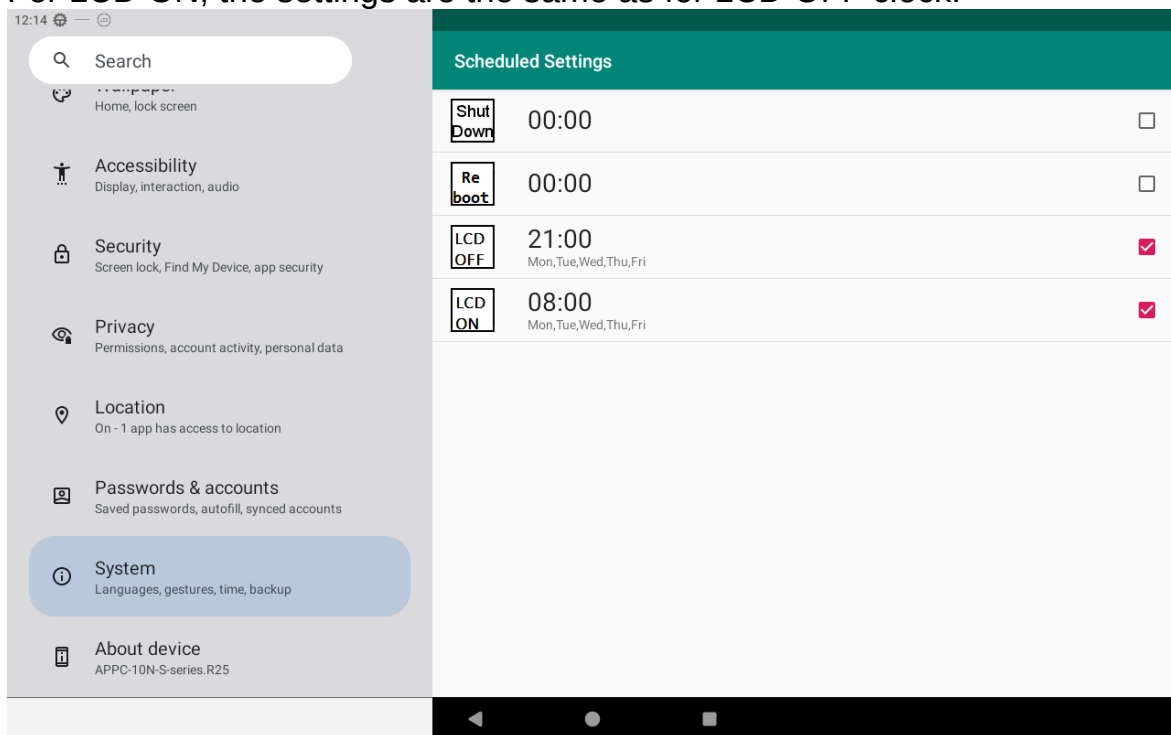
After setting, click “**Done**” at the upper-right corner of the screen to save them.



You will see the power on option checked after saving the settings.



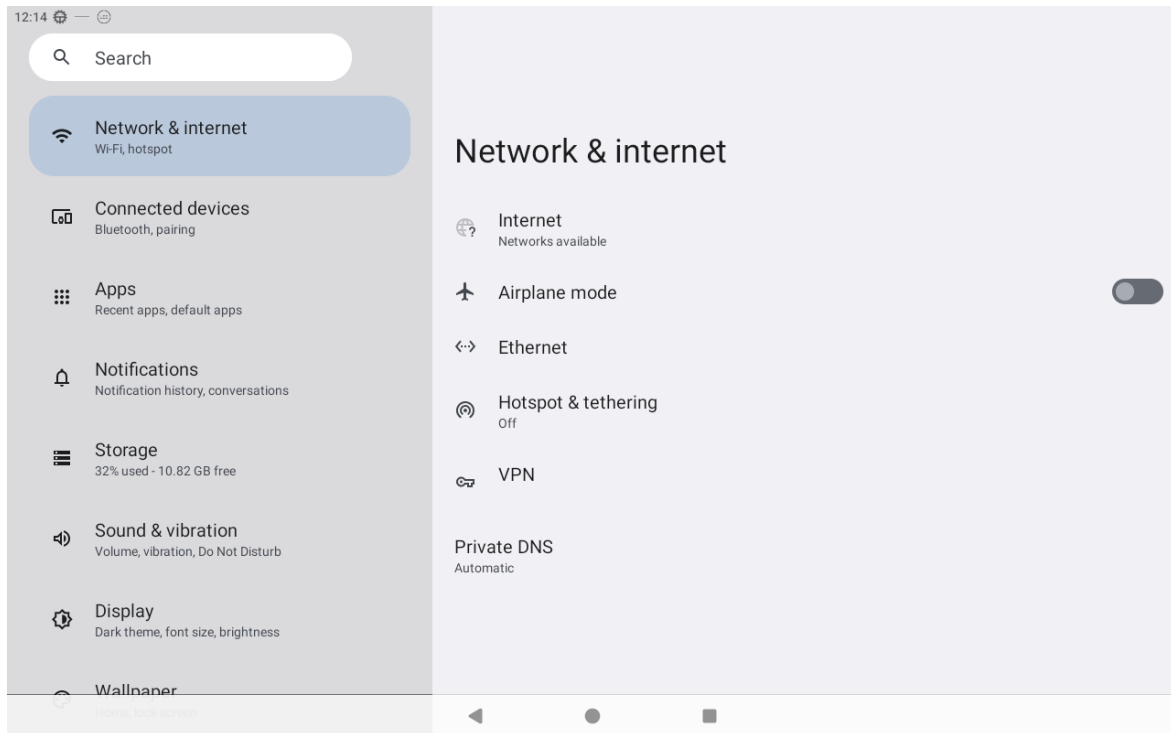
For LCD ON, the settings are the same as for LCD OFF clock.



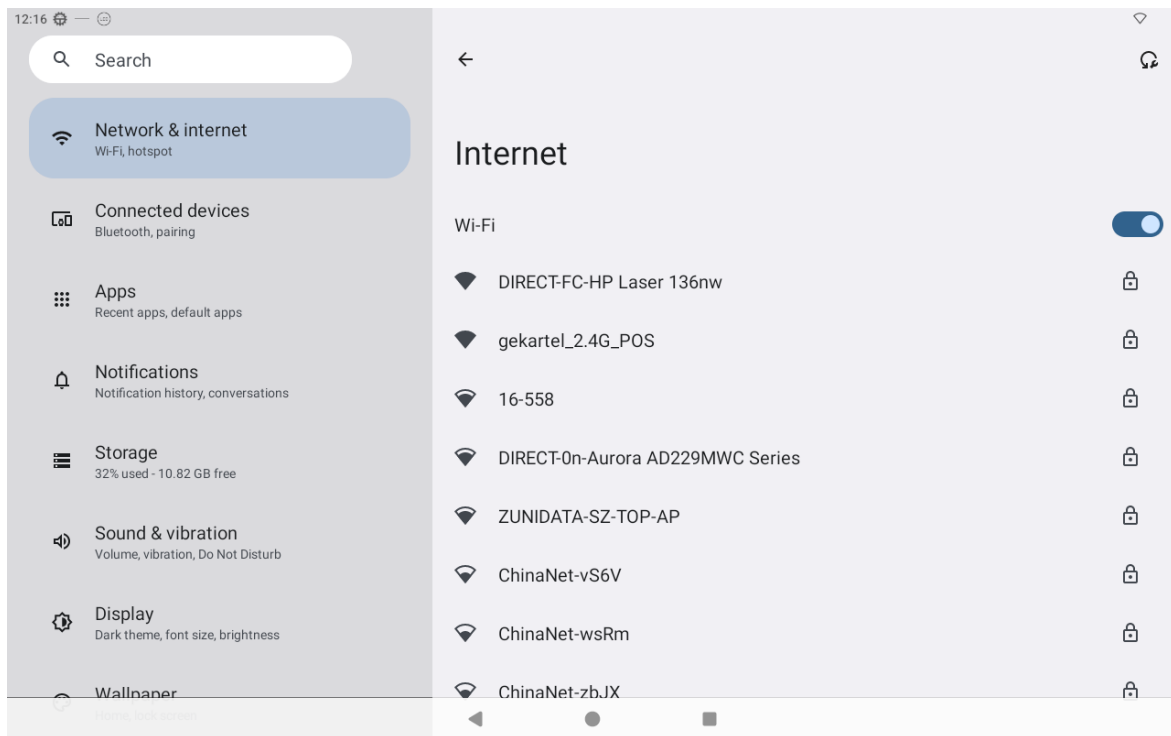
After the setting is complete, the device will close the screen display at LCD off time. Wake up the screen within the specified LCD on.
For the same method, set “reboot” and “shutdown”.

Wi-Fi

In the App list, click “**Settings**”  to open the system setting app, and select the option “**Network & internet**”->”**Internet**”->”**Wi-Fi**”.

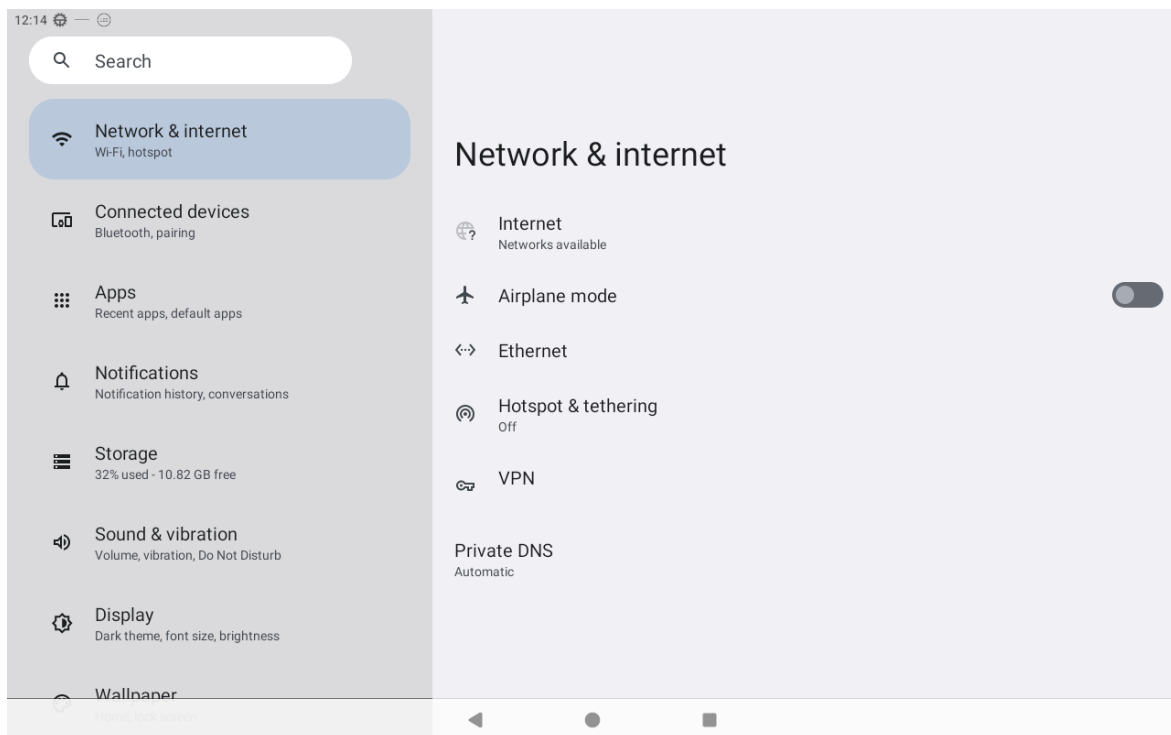


Switch the Wi-Fi button to **ON**. The product will scan available wireless networks automatically. Select a network under Wi-Fi networks and input the password to connect.



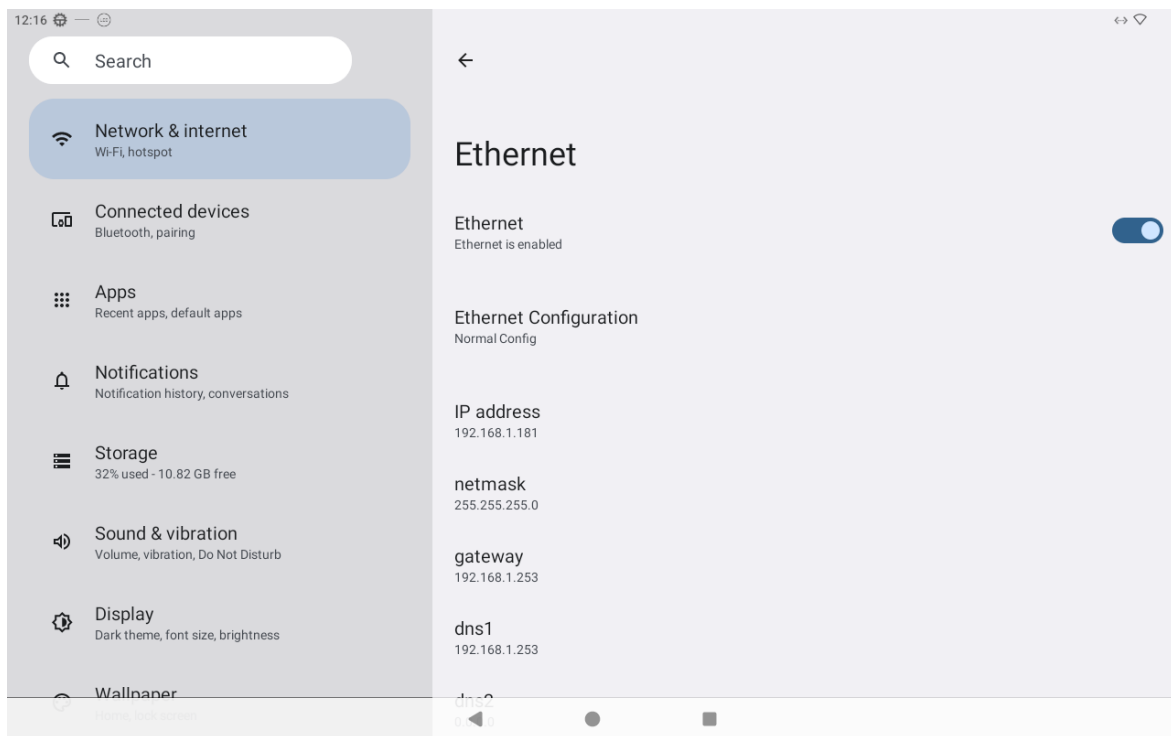
Ethernet

In the App list, click “**Settings**”  to open the system setting app, select the option “**Network & internet**”->“**Ethernet**”.



Plug the Internet cable into the Ethernet port (**#13** in **Product Instruction**). If

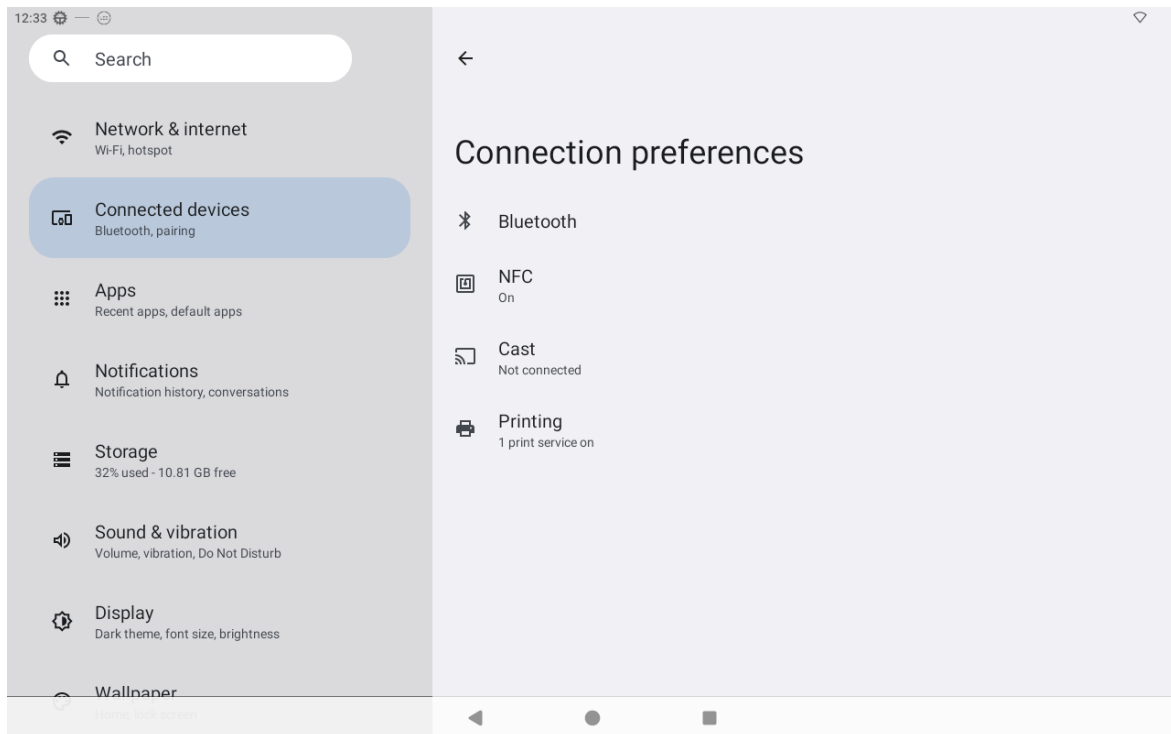
Wi-Fi is on, please turn off Wi-Fi to allow Ethernet working.



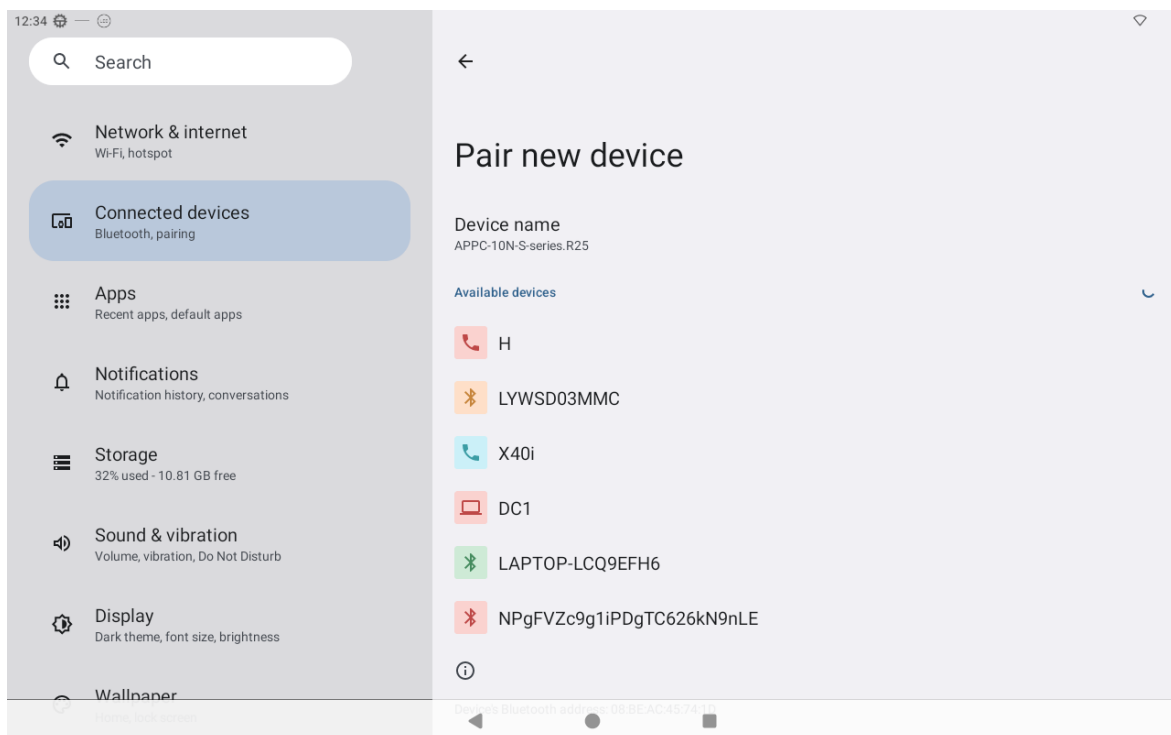
If you are Static IP user, please set the configurations manually.

Bluetooth

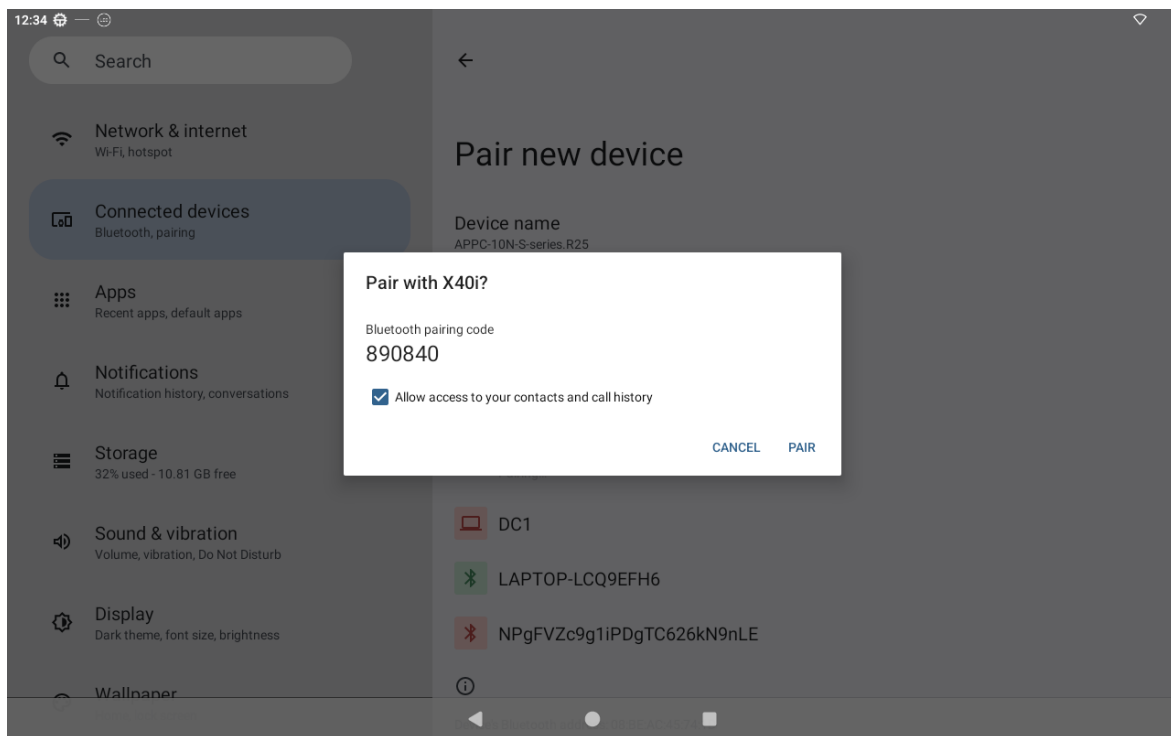
In the App list, click “Settings”  to open the system setting app, and select the option “Connected devices”->“Connection preferences”-> “Bluetooth”.



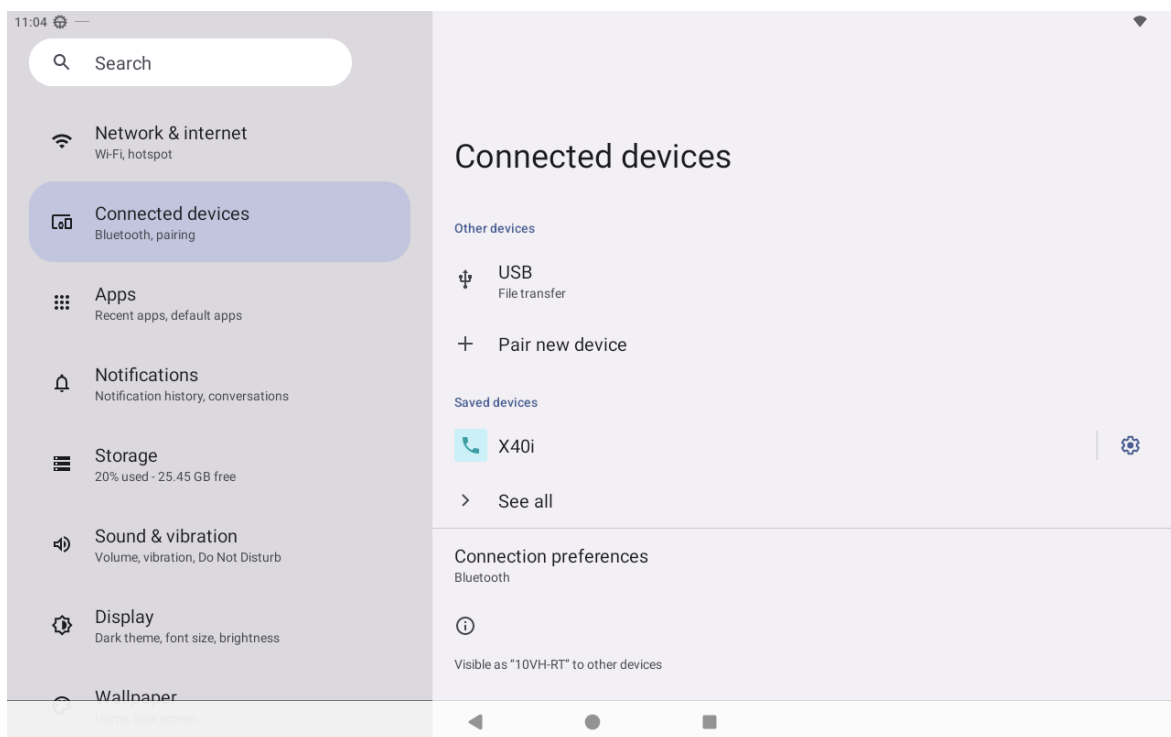
Switch the Bluetooth button to **ON**. The product will scan ambient available Bluetooth devices automatically.



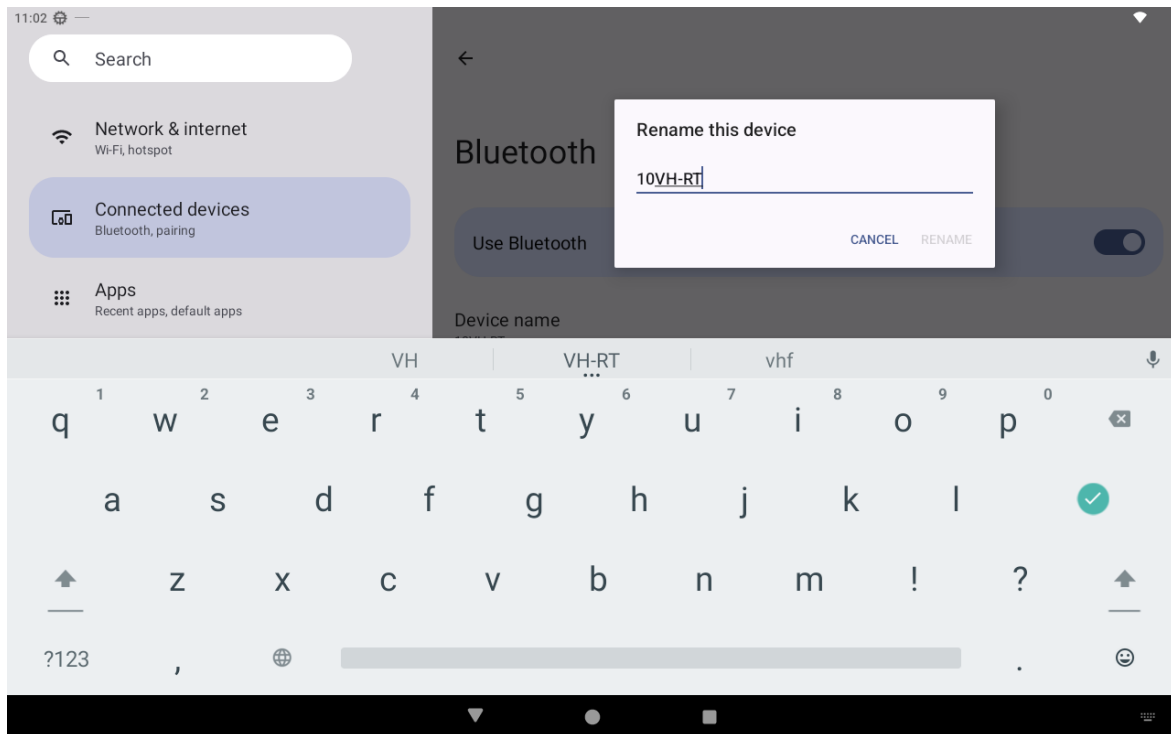
If you want to pair another Bluetooth device, select it from the “Available Devices” list, and then click “Pair” in the pop-up window. At the same time, click “Pair” in the pop-up window of the Bluetooth device to be paired.



After pairing, the paired device will be moved to the “Saved devices” list.

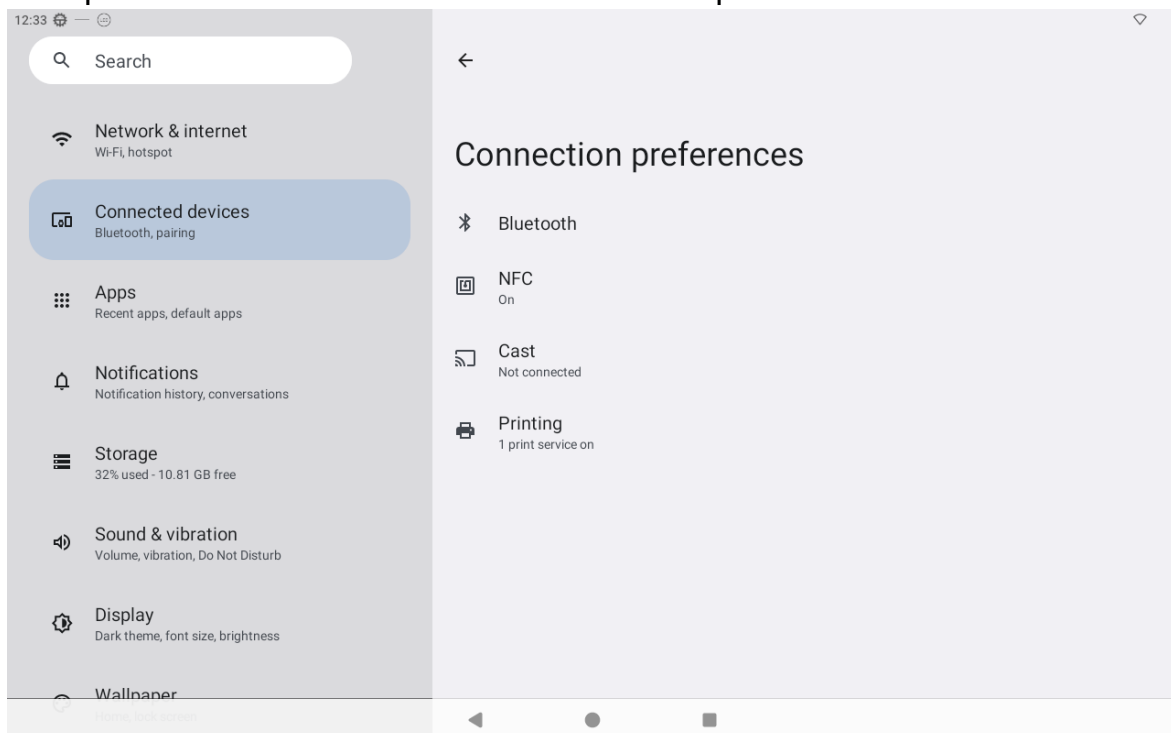


The Bluetooth name can be changed in the menu.



NFC

In the App list, click “Settings”  to open the system setting app, and select the option “Connected devices”->“Connection preferences”-> “NFC”.



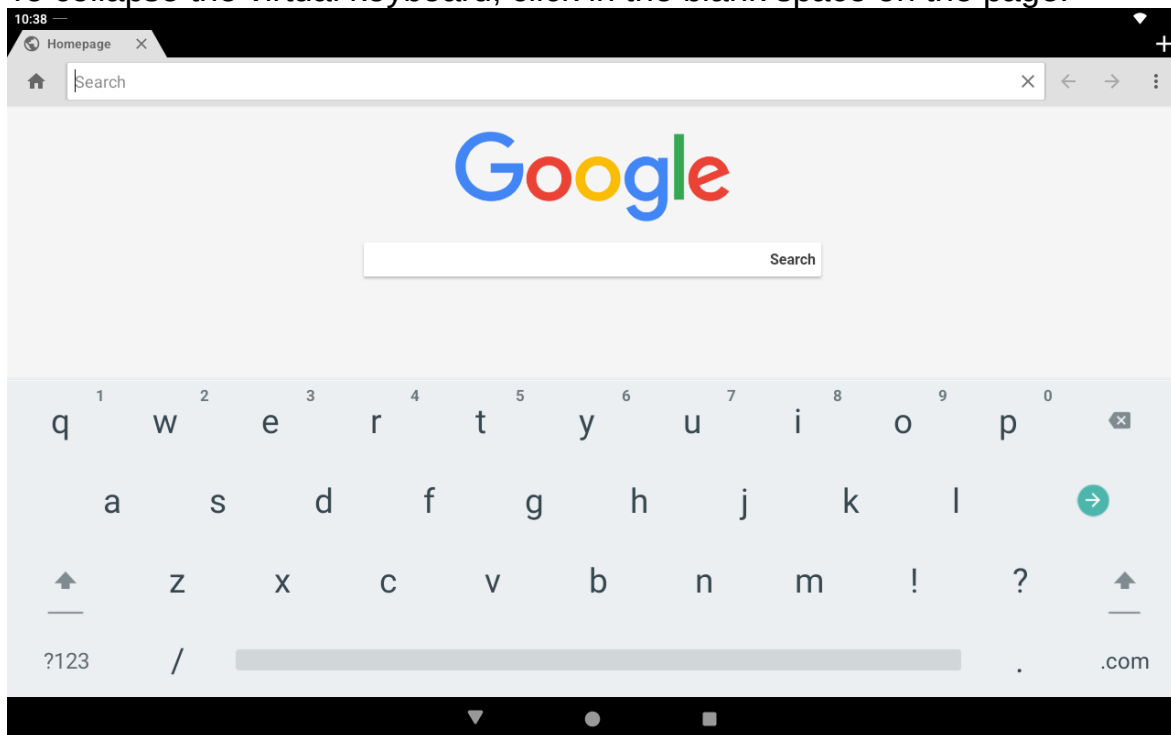
When the NFC status is "on", the NFC tag can be placed in the NFC position (# 1 in **Product Instruction**) for recognition.

Virtual Keyboard

The device provides a virtual keyboard for typing. You can use it as a real one.

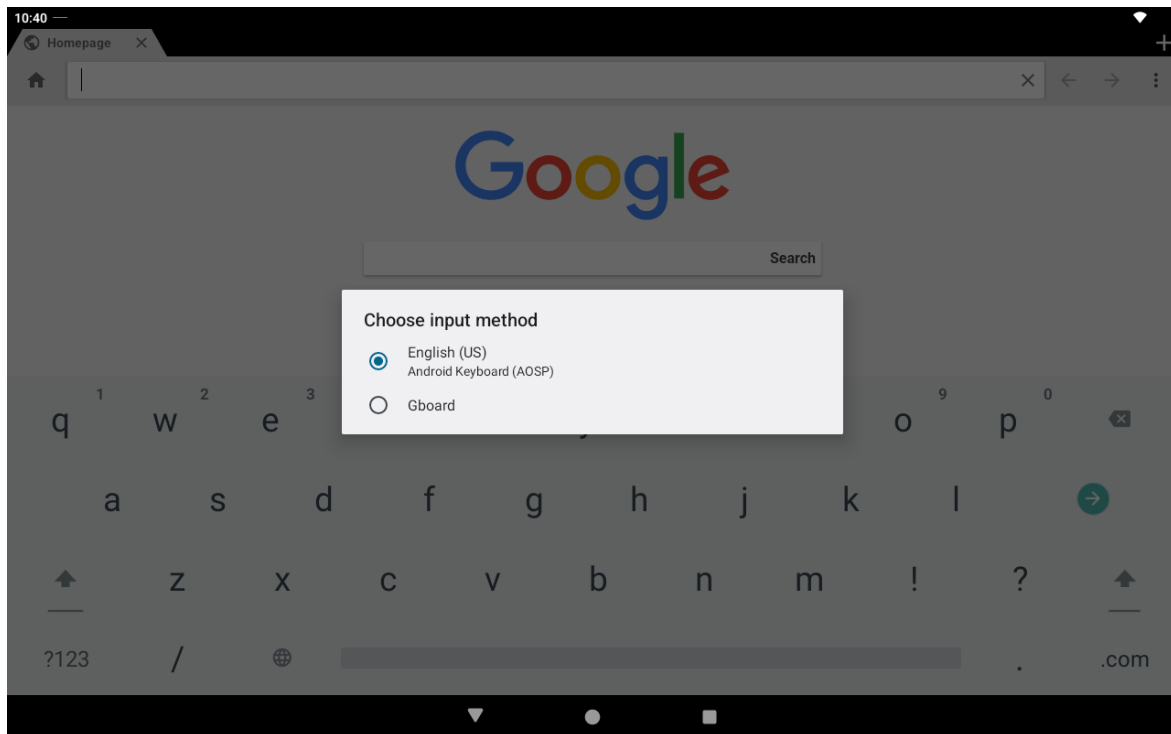
When you click in a text input box, the virtual keyboard will appear at the bottom of the screen.

To collapse the virtual keyboard, click in the blank space on the page.

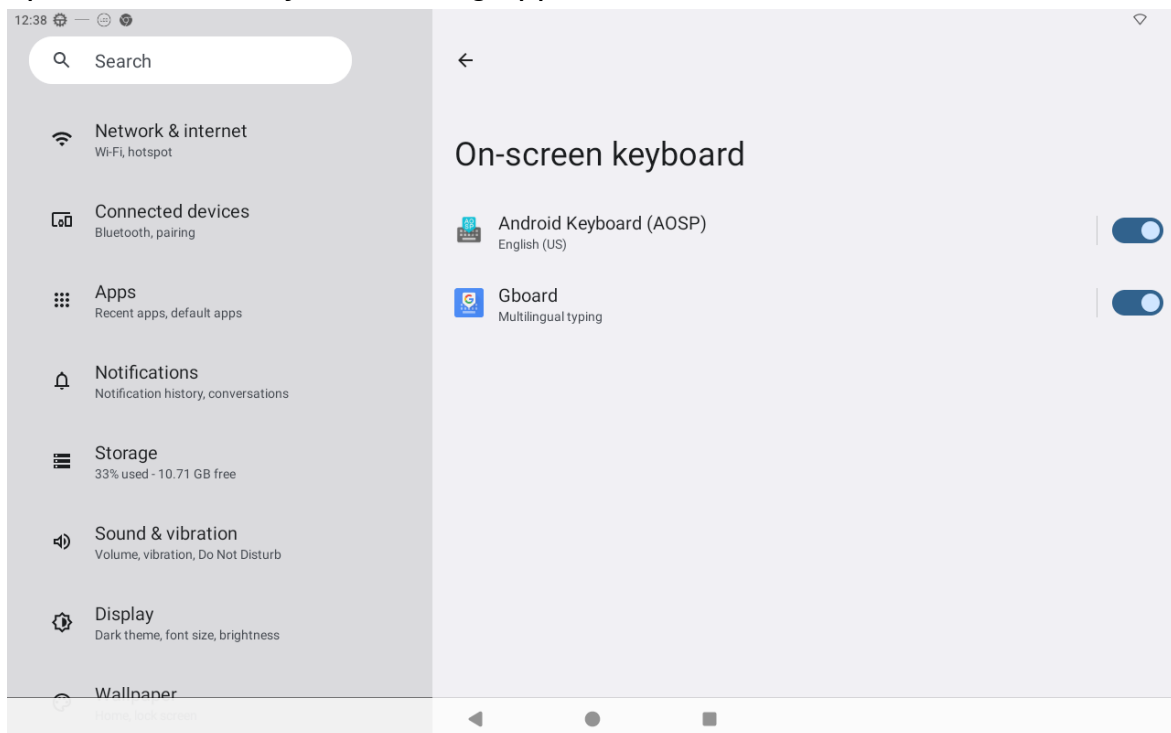


Switch Input Methods

Hold down the space bar on the soft keyboard and select an input method from the pop-up window.



If the keyboard icon is invisible, please check whether the installed input method is selected in the **“Language & input”->“On-screen keyboard”** option under the system setting app.

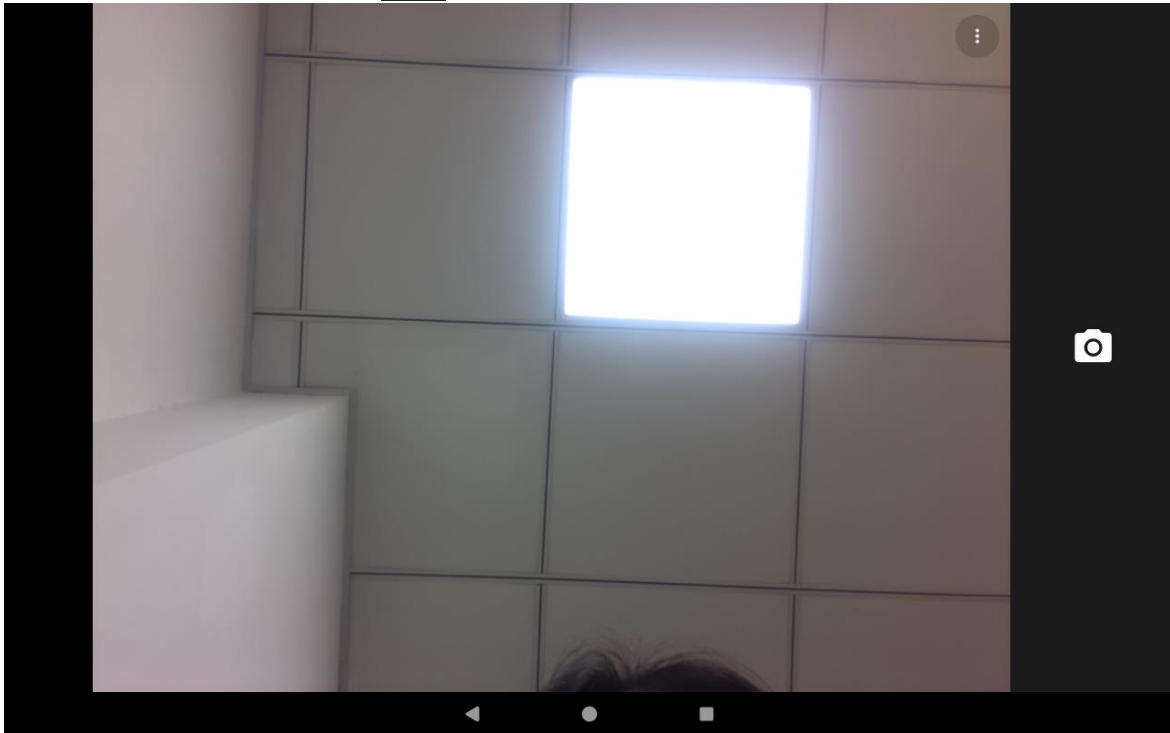


Take Photos & Shots

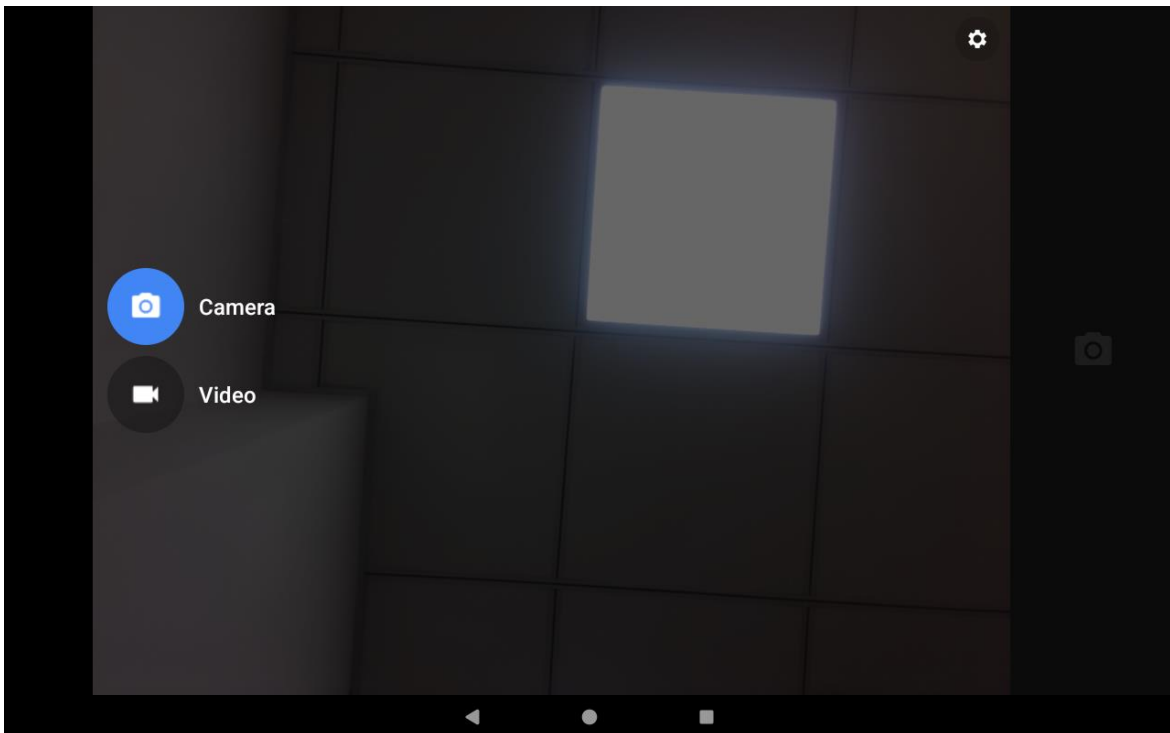
Front 5M pixels camera is an optional accessory.

In the App list, open “**Camera**” .

Click the capture button  to take a photo.

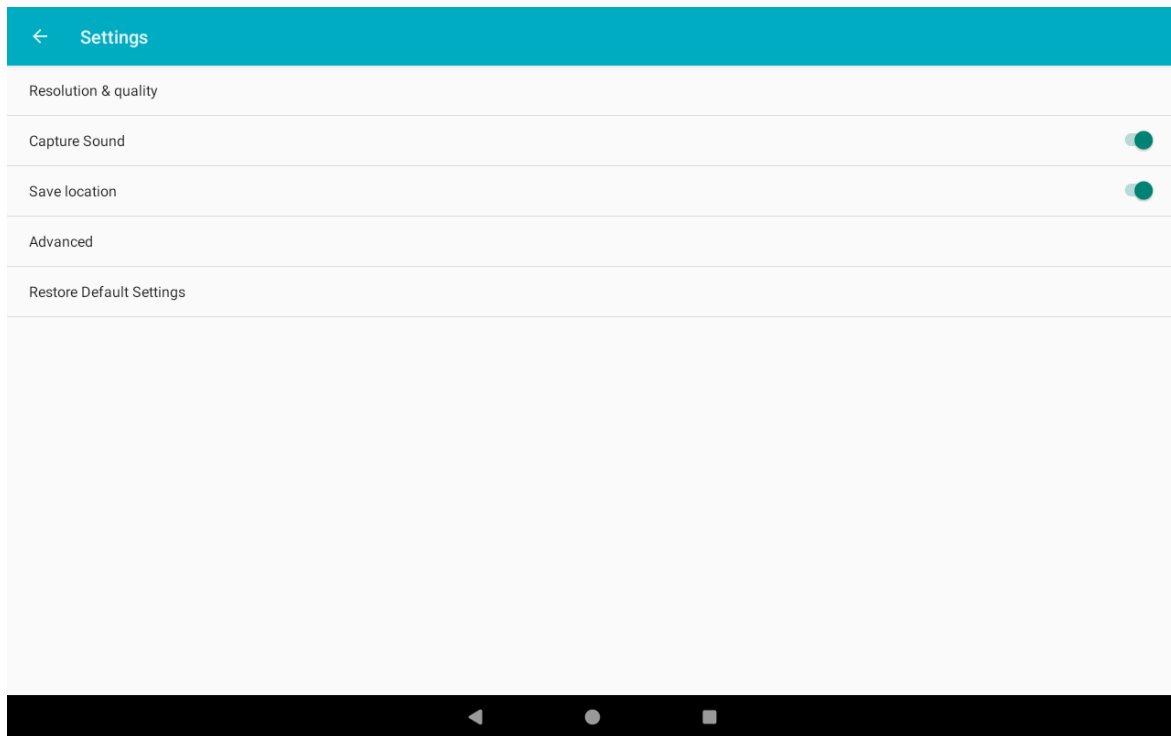


Slide from left to right, click the Capture button on the top right  to change your camera settings.

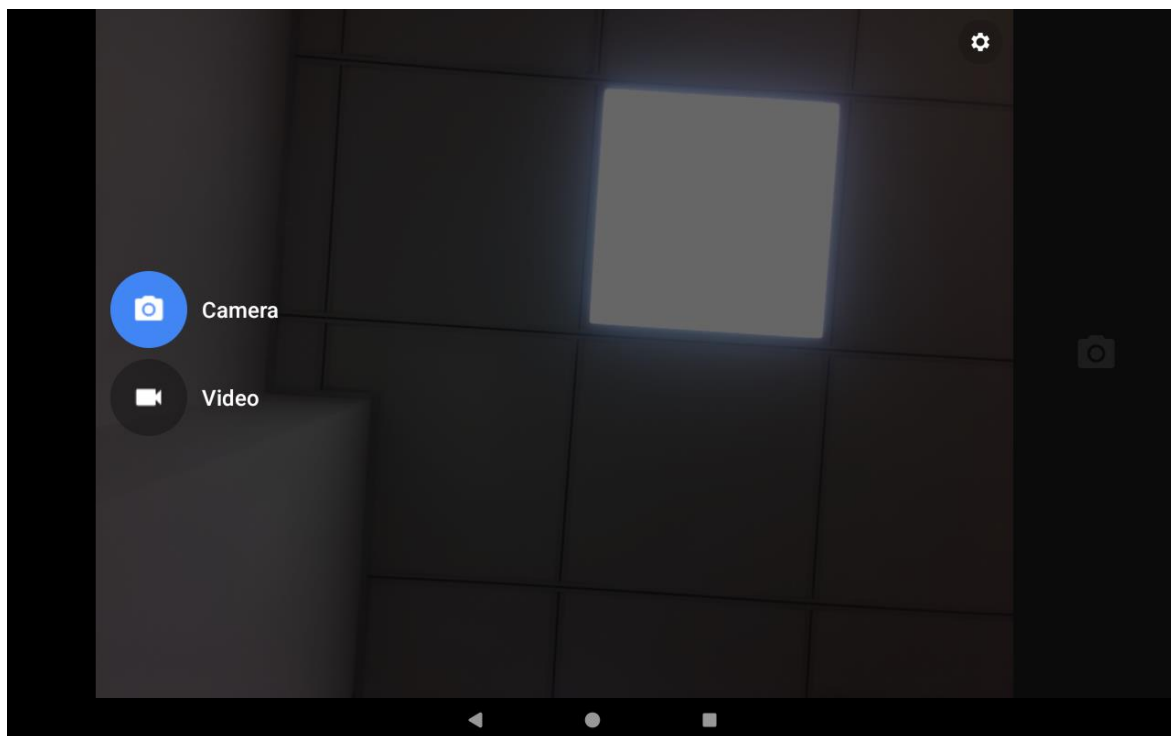


The setting page displays: Resolution & quality, Capture Sound, Save

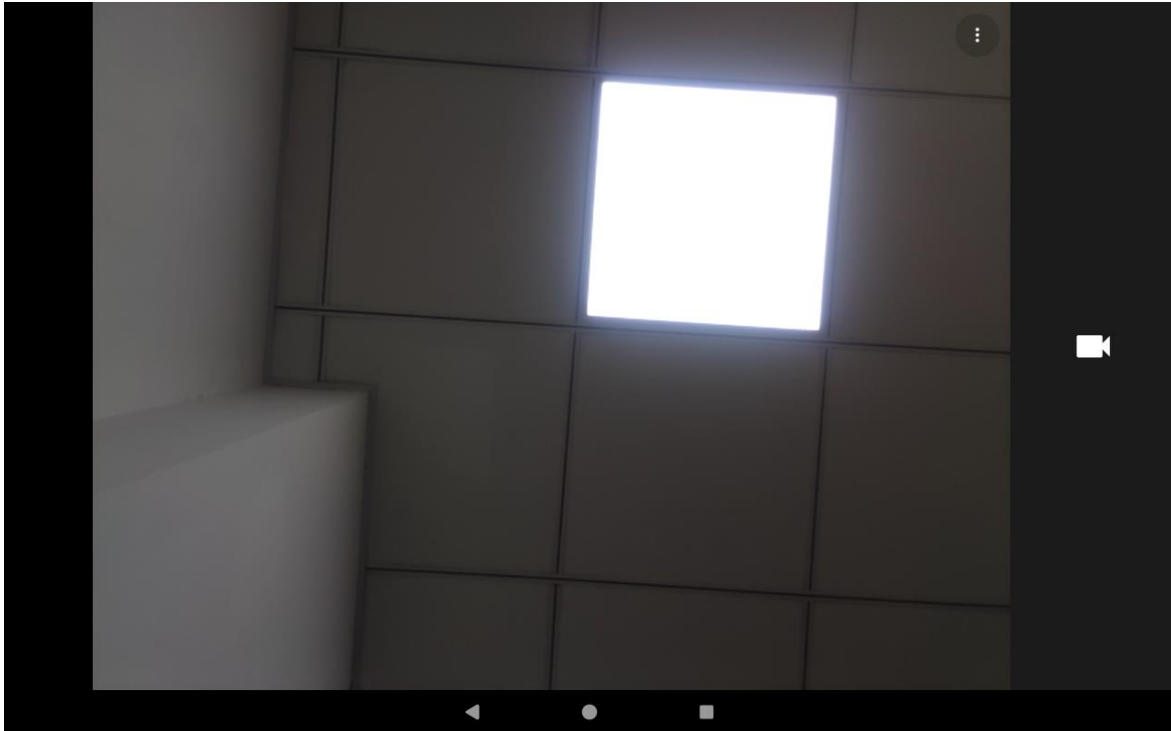
location, Restore Default Settings.



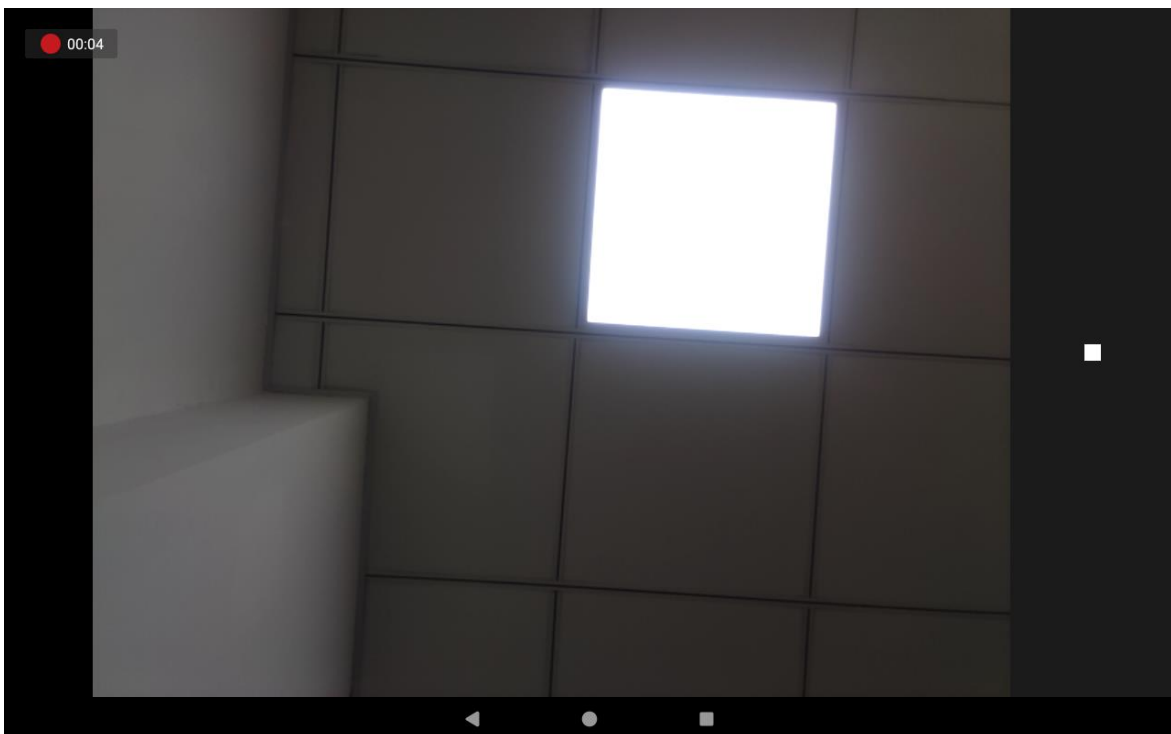
Click  to switch take videos.



Click the capture button  to shooting a video.



Click the capture button  to stop the shot.

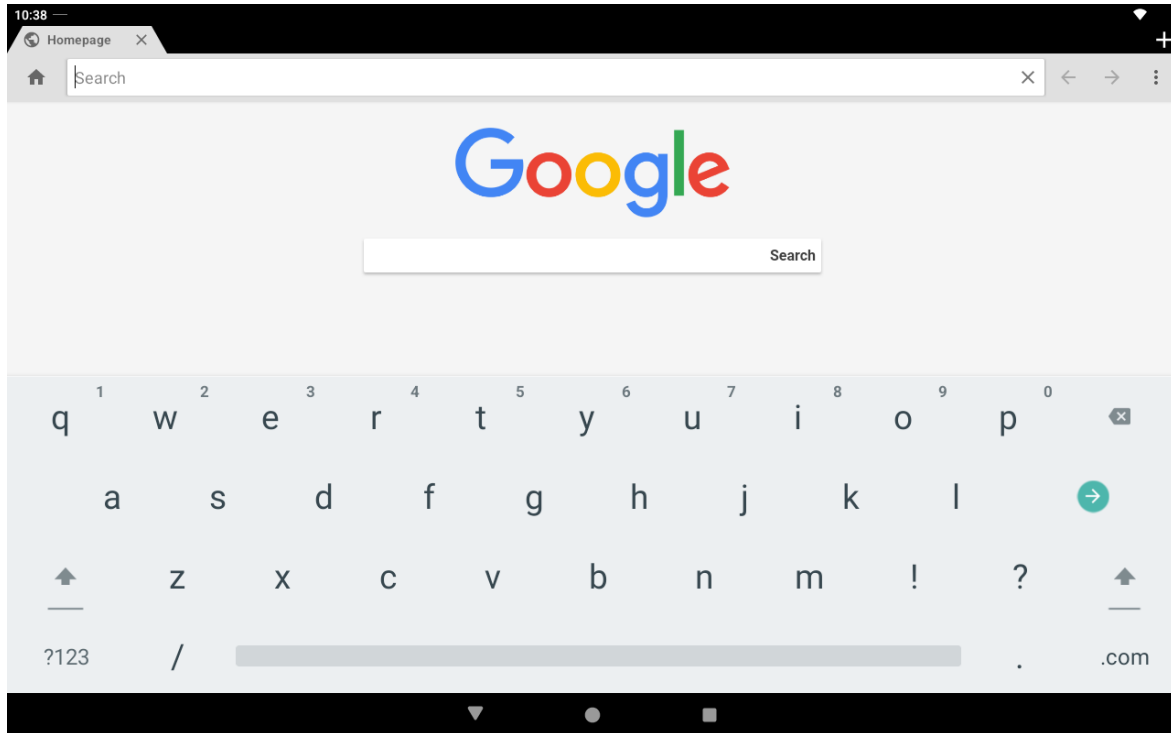


Surf Online

In the App list, open “**Lightning**” (Browser) .

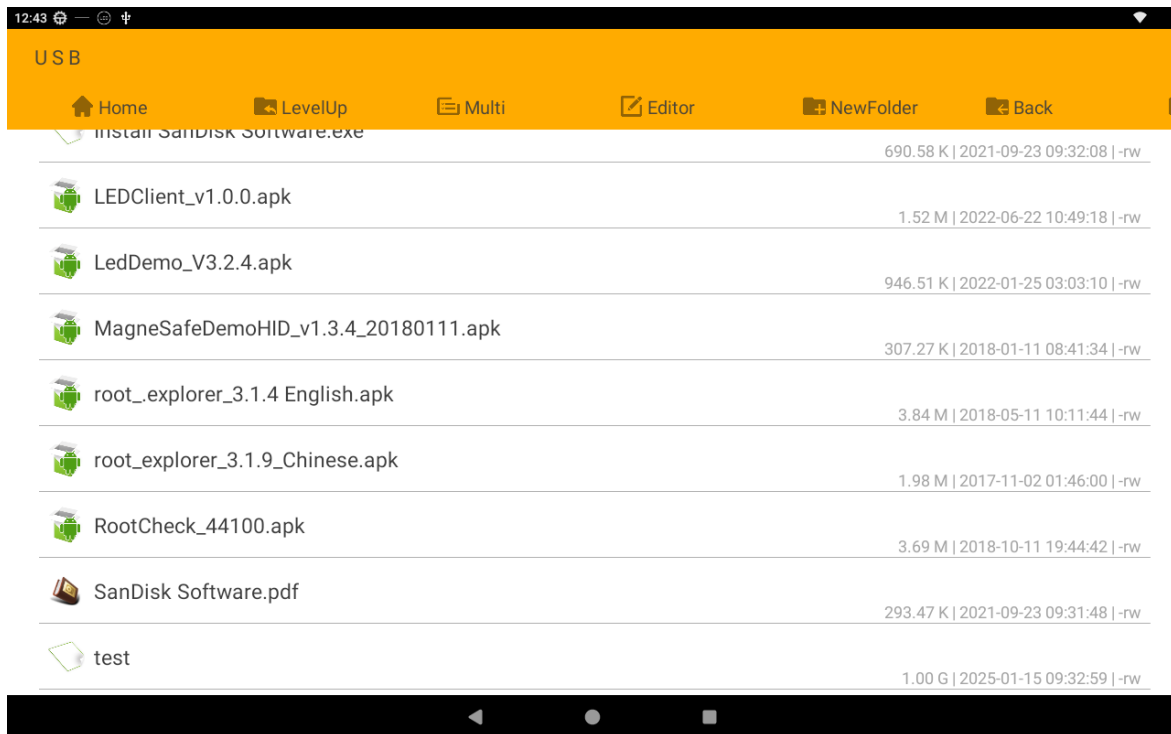
When connecting the device to a network, you can visit websites, play online media or download files via the browser.

In a browser window, enter in a URL in the address bar and click “->” in the virtual keyboard to go. You can also click  to add new tabs to make multiple tabs opened simultaneously.

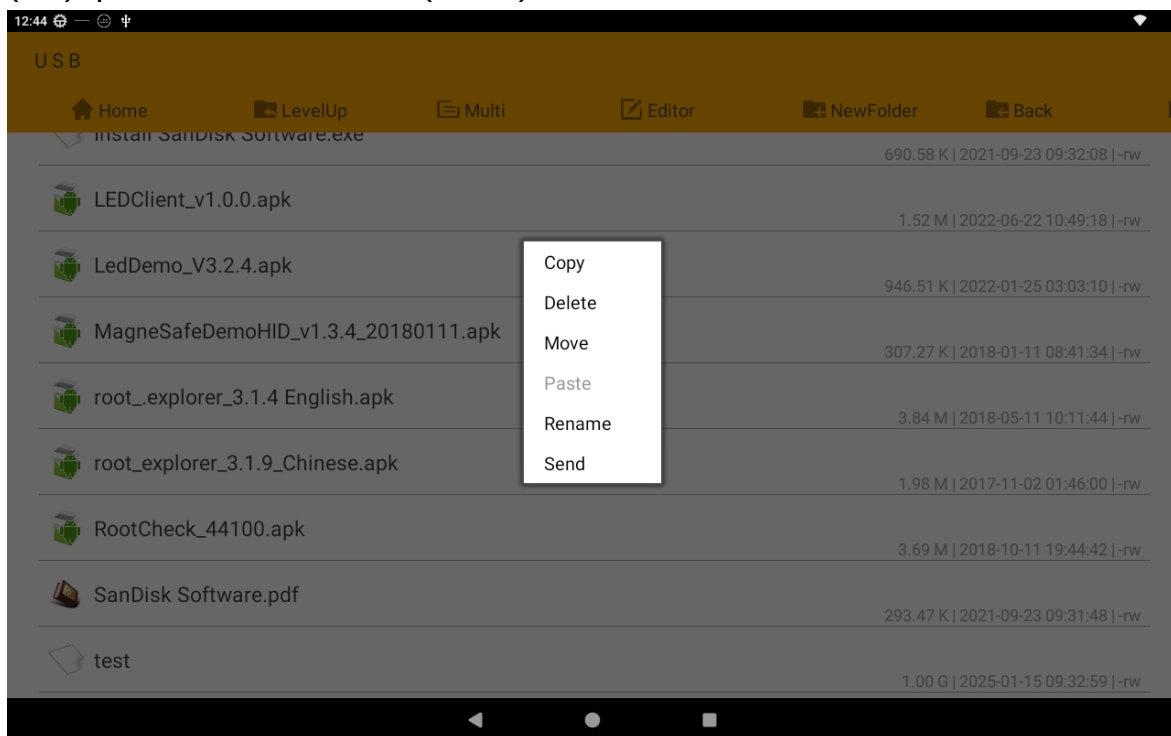


Browse Files

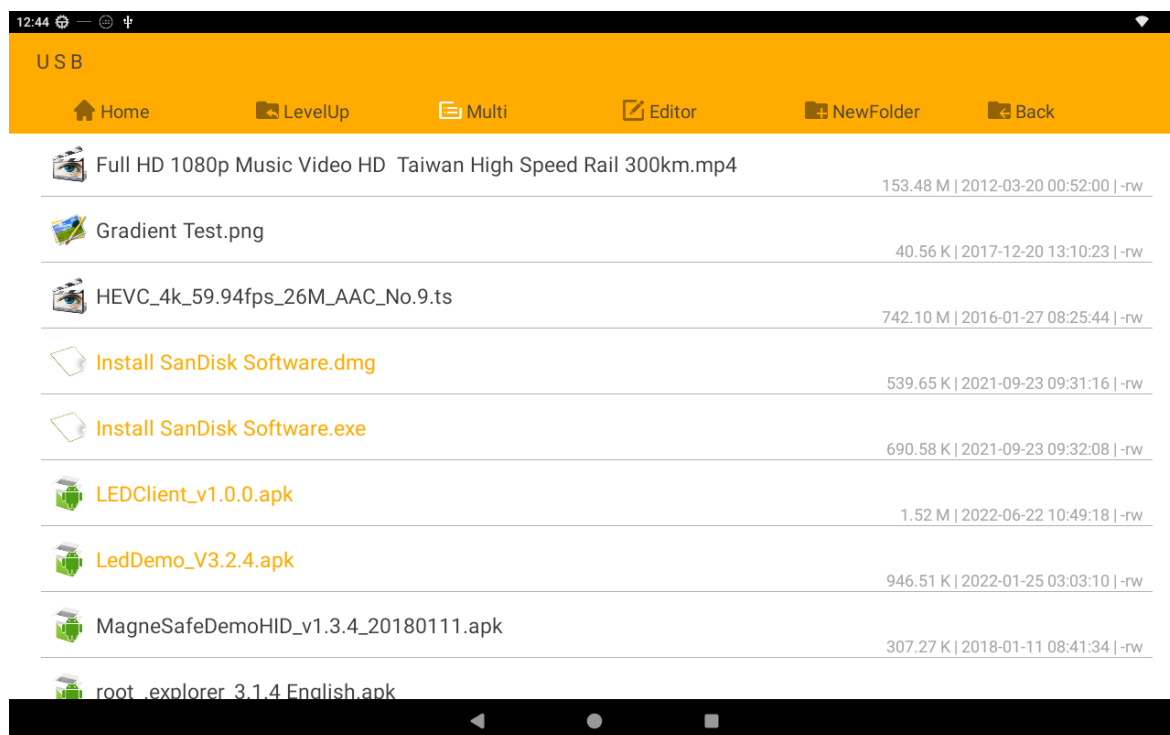
In the App list, open “**Explorer**”  to view local files.



Long-press a file or folder to do file operations, such as copy, delete, move (cut), paste, rename, send (share) and create shortcut.



If you want to select several files/folders at once, click “Multi” in the menu, and then select files/folders. The selected files/folders will be highlighted in orange.



Click “Editor” in the menu to operate the selected files/folders.

Play Media

With the provided apps, you can play your media files on your storage, such as pictures, music and videos.



Picture Player:

Support JPG, BMP, GIF, JPEG, PNG.



Music Player:

Support MP1, MP2, WMA, WAV, AAC, OGG, APE, FLAC.



Video Player:

Support MKV, TS, FLV, AVI, VOB, MPG, DAT, ASF, RM, MOV, 3GP, MP4, WMV, WEBM.

Install & Uninstall Apps

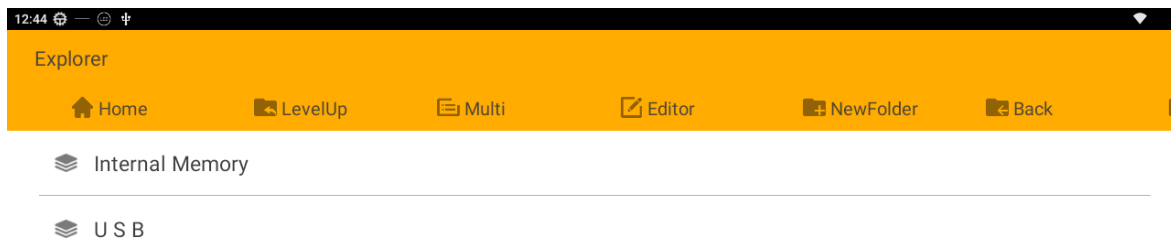
Install Apps

Before installing an app, please download the app (.apk) to via the browser, or copy a downloaded app to the device from your computer.

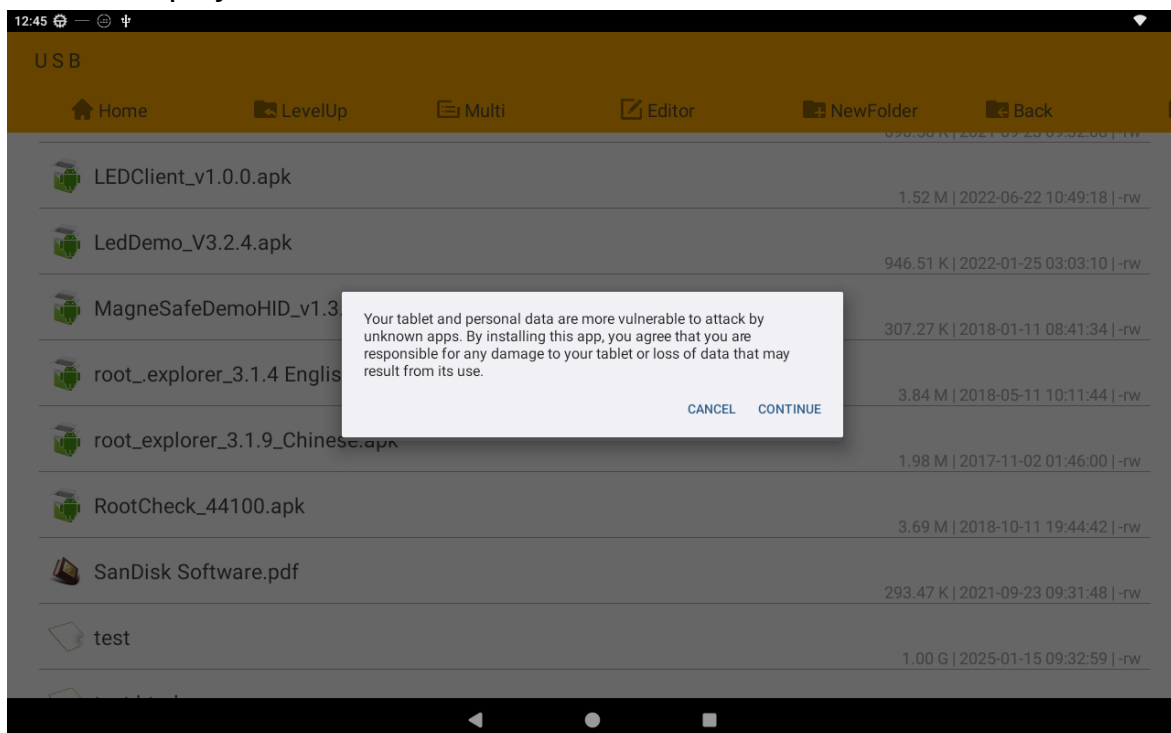
Then you can open “**Explorer**”  in the App list to install the downloaded

app.

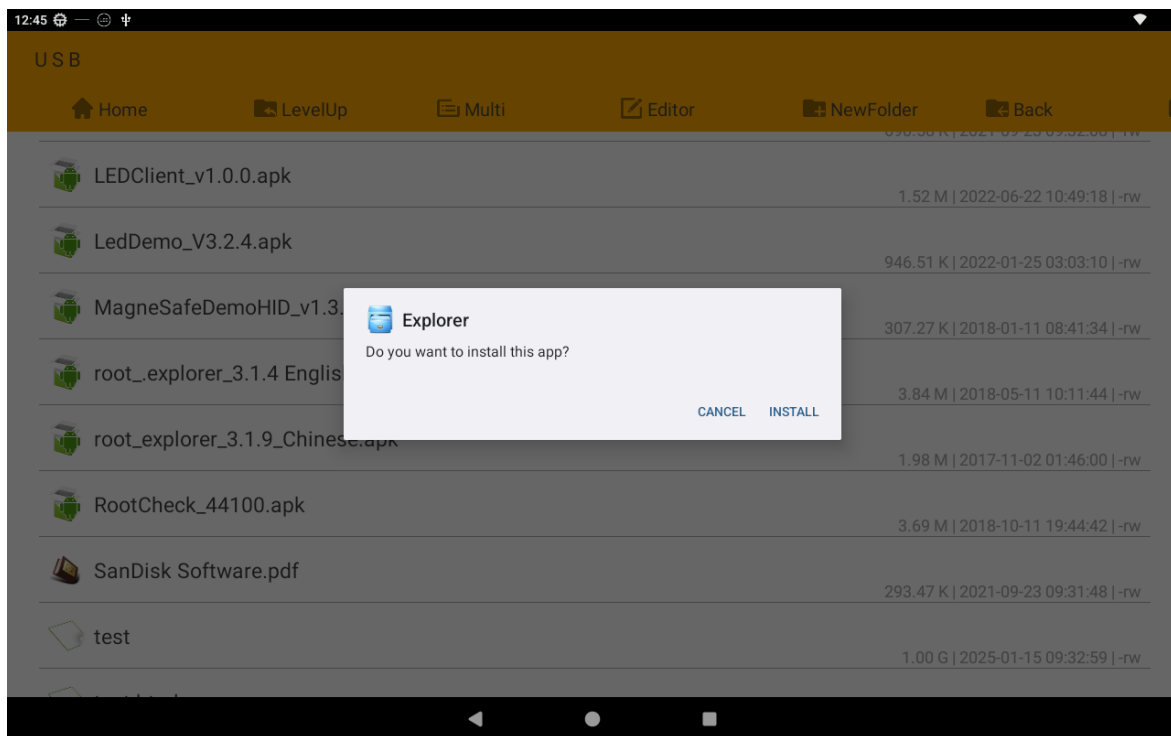
Choose the installation file's location.



Click the apk you want to install.



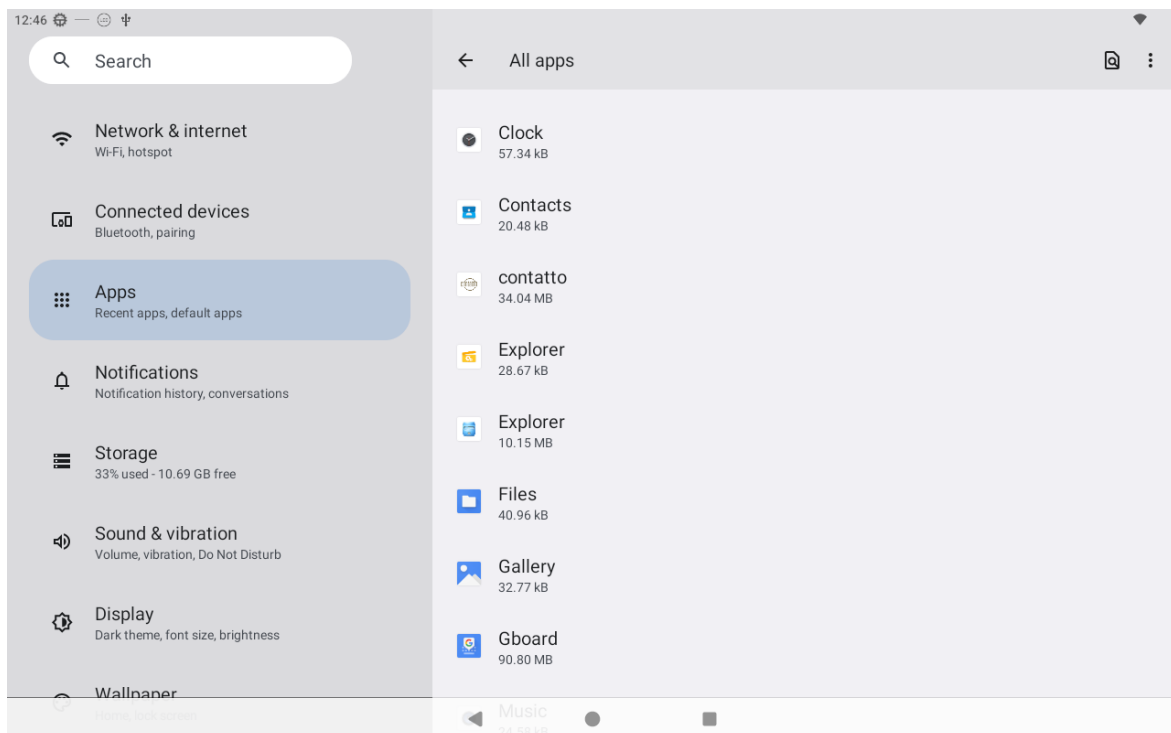
Click “Continue” or Install” until it turns to “Install”, and then waiting for installation finished.



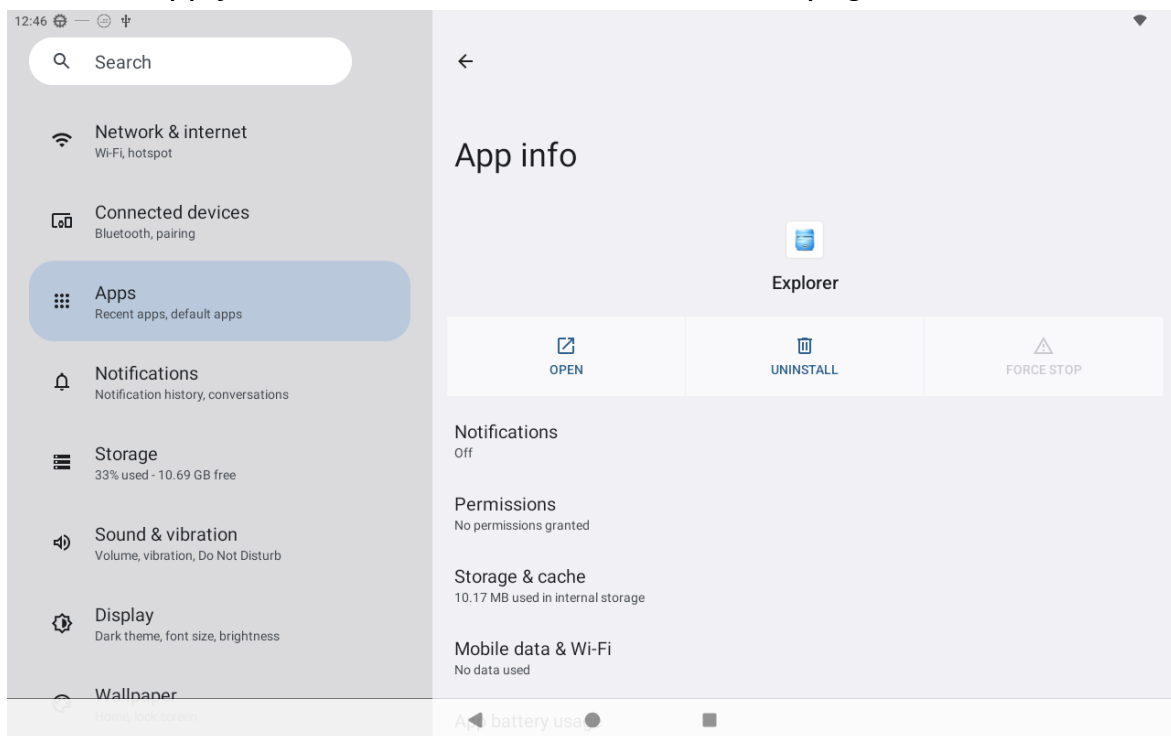
You can also download an android app market, and install the apps via the market.

Uninstall Apps

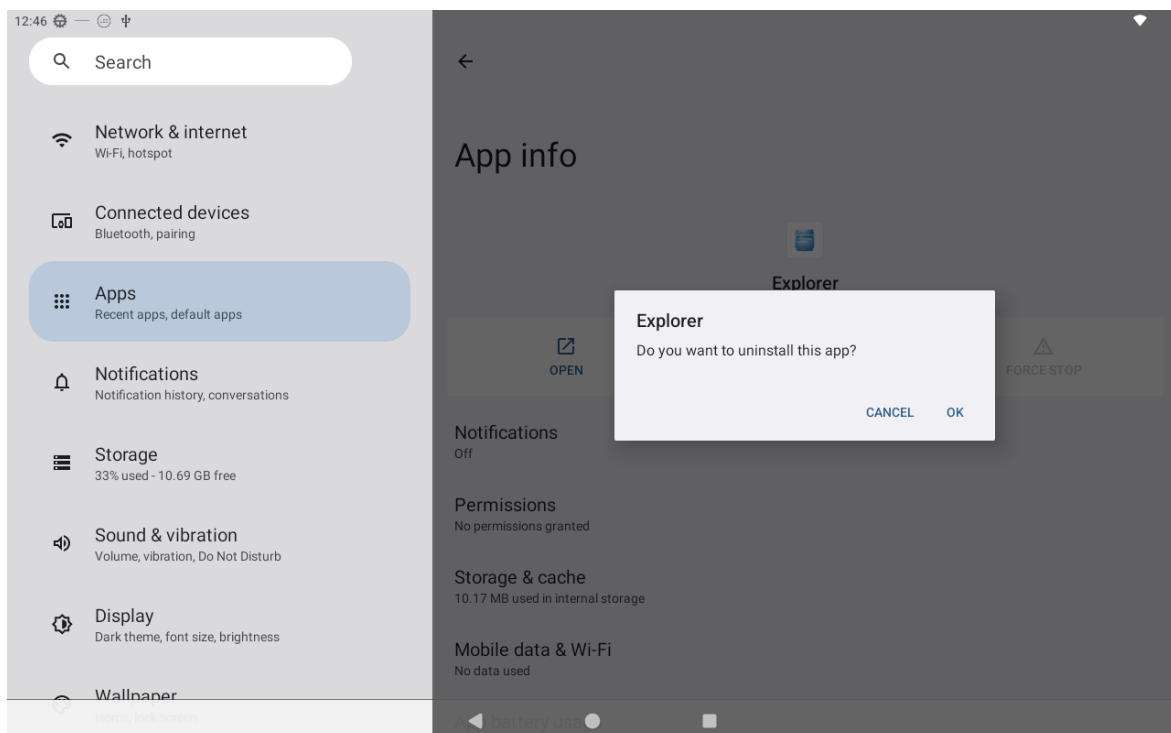
To uninstall an app, please open “**Settings**” in the App list and select the option “**Apps & notifications**”. In this option, you will see the installed apps list.



Click the app you want to remove to enter the detail page.



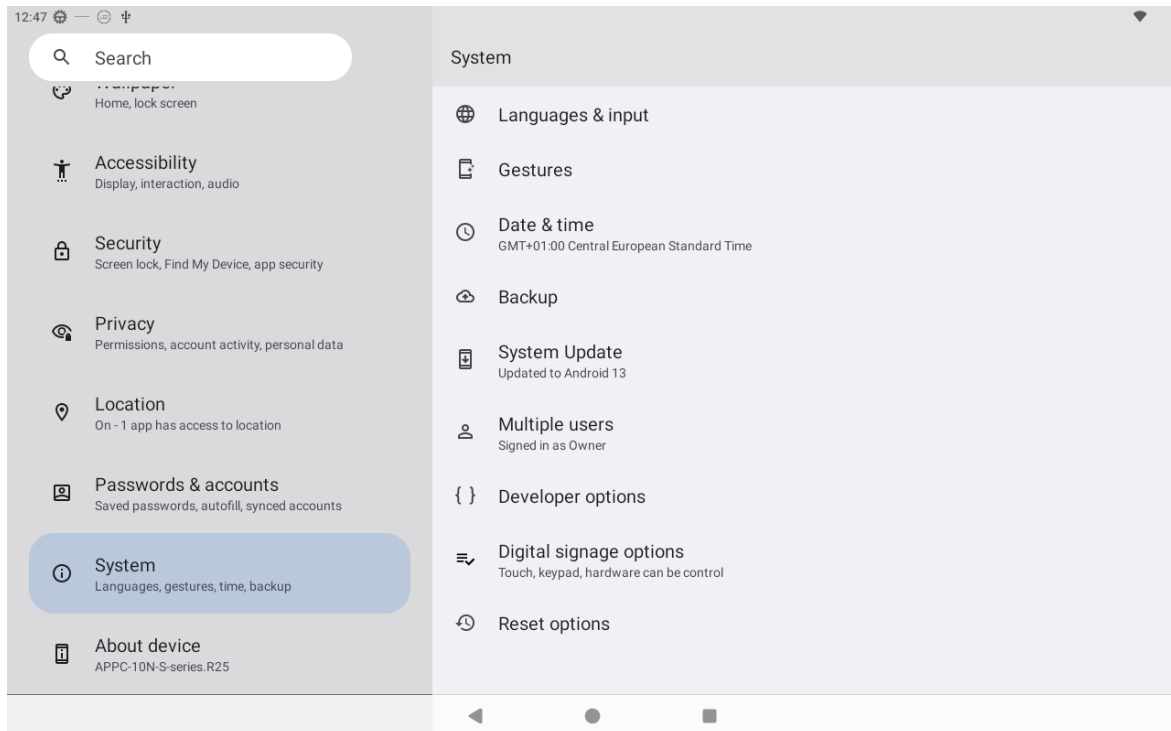
Click the “**Uninstall**” button and select “OK”, and then waiting for uninstallation finished.



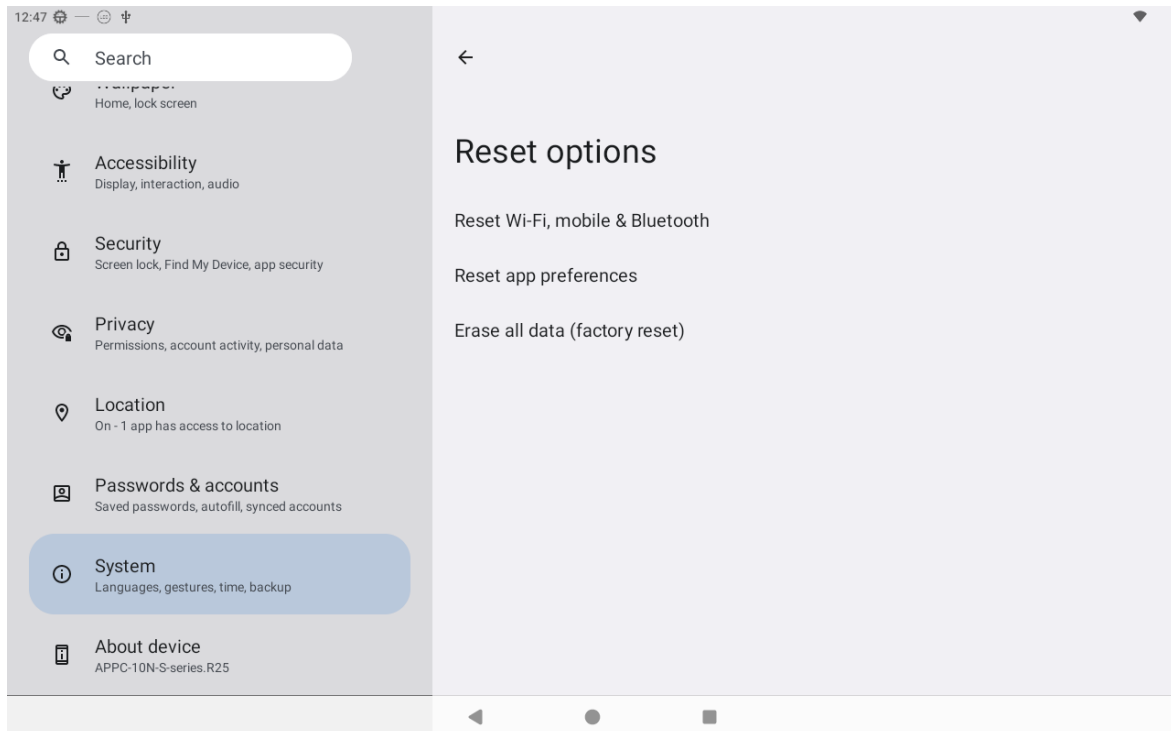
Reset to Factory Default

Please make sure to back up the important data before resetting the device.

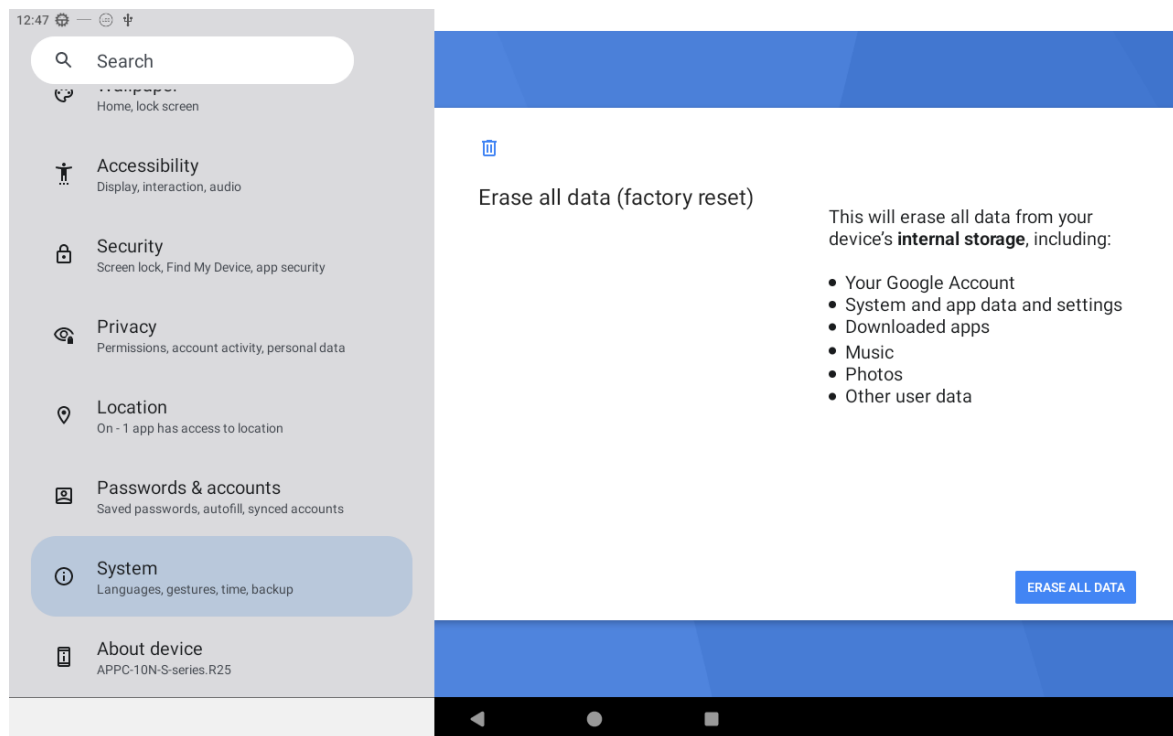
In the App list, click “**Settings**”  to open the system setting app, and select the option “system”->“**Reset options**”.



Click “Erase all data (factory reset)”.

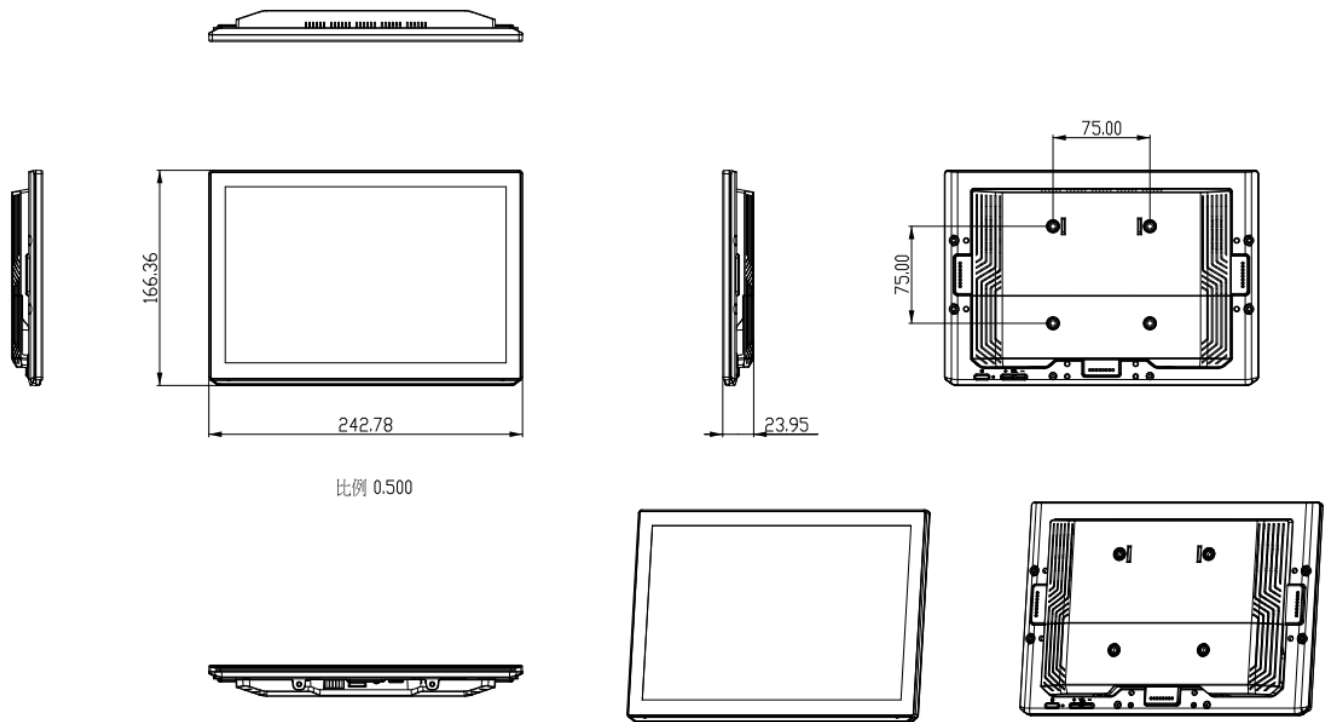


Click “Erase all data” button.



Click “Erase all data” button, and then waiting system reboots and resets to factory default.

Case Dimensions



- The case dimension: (estimation)

Width: 242.78 mm

Height: 166.36 mm

Depth: 23.95 mm

Notice:

1. **Adapter's** power cord shall connected to a socket-outlet with earthing connection
2. Sharp Edges, Do not touch while printer printing.



3. Moving Parts, Keep body parts away from moving parts while printer printing.



Do not ingest battery, Chemical Burn Hazard

This product contains a coin / button cell battery. If the coin / button cell battery is swallowed,

it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children.

If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Replacement of a **battery** with an incorrect type, that can result in an **explosion**.

Disposal of a **battery** into fire or a hot oven, or mechanically crushing or cutting of a **battery**, that can result in an **explosion**.

Leaving a **battery** in an extremely high temperature surrounding environment that can result in an **explosion** or the leakage of flammable liquid or gas

A **battery** subjected to extremely low air pressure that may result in an **explosion** or the leakage of flammable liquid or gas

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

Operations in the 5.15-5.25GHz band are restricted to indoor usage only.

This device meets all the other requirements specified in Part 15E, Section 15.407 of the FCC Rules.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference, and
- 2) This device must accept any interference received, including interference that may cause undesired operation of the device.

FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.