Smart Commercial Tablet

Upad

User Guide





UROVO PTE. LIMITED

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About the Guide

Introduction

This Guide offers information on the usage of Upad Smart commercial tablet and its accessories.

Note: The screens and windows described in this Guide are samples, which can differ from the actual ones.

Service information

You can visit the official website (https://en.urovo.com) of Urovo PTE. LIMITED. (hereinafter referred to as Urovo) whenever possible to gain quick network support services:

Click the search box and enter corresponding product model to query the machine's configuration information. Click maintenance query to query information of the nearest service center or enter the serial number (SN) of your device in the search box for maintenance progress to query the maintenance state to follow up the state of the device in maintenance in time! Service hotline: 400-888-6989.

Please offer the following information while contacting the Support Center:

- Device SN (Serial Number)
- Model or product name
- Software type and version number: check the device"Settings-System-About Phone"Thanks for your cooperation!

Provision of document feedback

If you have any comment, question or advice on this Guide, please e-mail to tech@urovo.com or service@urovo.com

Unpacking

1. Please carefully remove all the protective materials around Upad and keep the device case for storing and transporting the device in the future.

2. Please check the following elements:

- Device ×1
- Power adapter ×1
- USB cable ×1
- Quick Start Guide & Warranty Policy×1

3. Inspect the device for damage. If any equipment is damaged or missing, please contact customer service support or the local distributor.

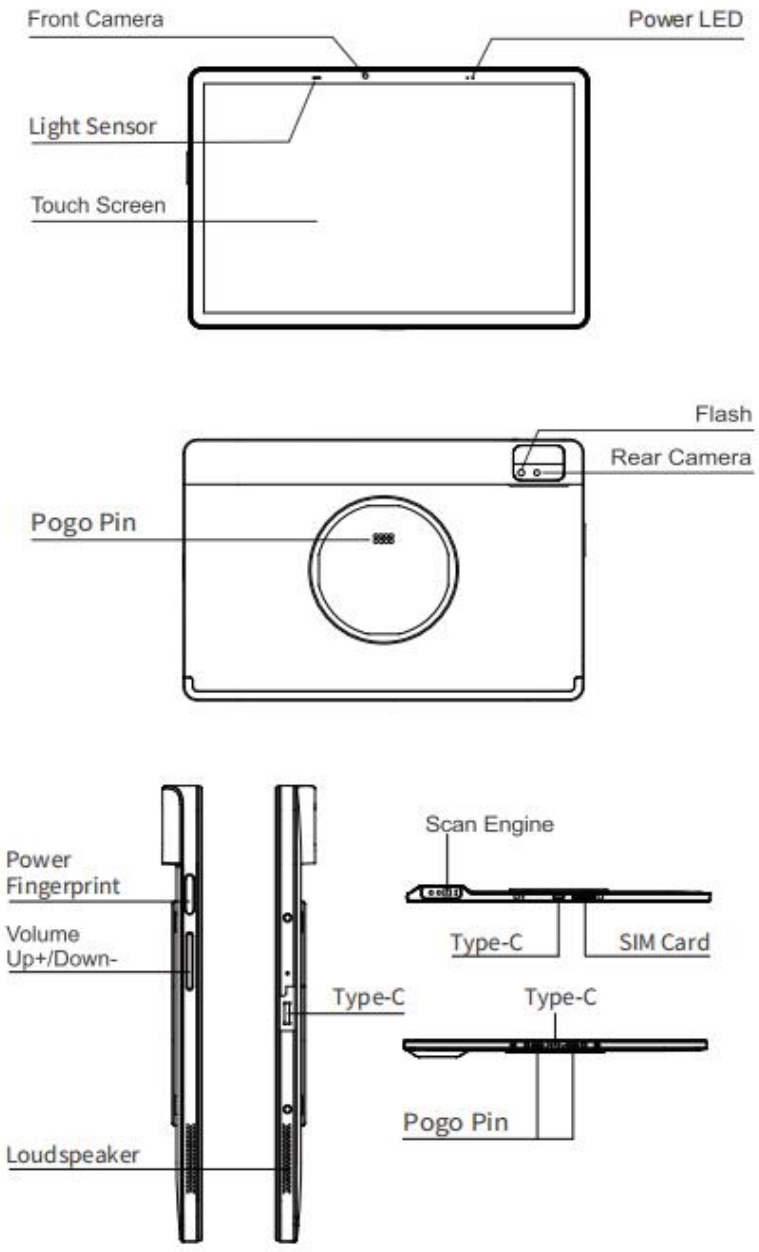
4. Please remove the screen shipping protective film before using.

Chapter 1-About The Upad Features

This chapter introduces the basic functions of the Upad, battery precautions and usage, etc.

In this section, all versions of the device are referred to as the Upad unless the information is model type specific. Device applications and settings vary by computer model and operating system version. Your computer may not include all features shown in the manual.

Features of the Upad



Storage Expansion

(1)Supports 1× TF card, compliant with SD 3.0, 4-bit SDIO.

(2)Capacity: Supports up to 1TB under FAT32 format.
(3)Supported speed classes: UHS-1, Class 2/4/6/10.
(4)Supports hot swapping.
(5) Compatible with common TF card brands on the market, including SanDisk, Kingston, Samsung, etc.

SIM Interface

(1)2× Nano SIM sockets, 3-in-2 SIM/TF card tray.

(2)Supports 2× Nano SIM, with 1× eSIM reserved.

(3)Supported eSIM models: DBGT00041B, TMC-E92-501B-VT00-04.
(4) Supports hot swapping.

About the Battery

The Upad uses a rechargeable lithium-ion battery as its main power source. There are several factors that determine the life of your battery, such as display brightness, display timeout, input device, extreme temperature, and usage conditions.



Caution: Before attempting to install, use, or charge the battery, please read the battery recommendations, safety precautions, and related guidelines in this chapter.

Battery Identification

The battery used in the device varies from models. Please ensure you use the original factory-supplied battery. If you need to purchase a replacement battery, please contact your local sales representative.

Computer/Device	Battery Model
Upad	HB80UPad

Safety Precautions



Caution: Only use the manufacturer-specified charger. Do not disassemble, impact, crush, or throw into fire. Discontinue use if the battery becomes severely swollen. Do not expose to high temperatures, and do not use after water immersion.

- Do not store the battery in places exceeding 60°C (140°F), such as inside vehicles parked in hot weather under direct sunlight, near radiators, or other heat sources.
- Do not use the battery if it is noticeably deformed, swollen, or discolored. Replace it immediately and dispose of it as outlined in the caution provided at the beginning of this Safety section.
- Do not use the battery if it is too hot to handle. Replace it immediately and discard it.
- Do not disassemble, open, crush, bend, deform, puncture, or shred the battery.
- Do not drop the battery or apply mechanical shock or pressure to it.
- Do not short-circuit the battery or allow metal or conductive objects to touch its terminals.
- Do not throw the battery into fire, or expose it to high-temperature environments like microwaves or dryers.
- Do not modify or refurbish the battery, insert foreign objects into it, submerge it in water or other liquids, or expose it to fire, explosion, or other hazards.
- The charging area for the device should be free of debris, flammable materials, or chemicals. Extra care should be taken when charging the device in non-commercial environments.
- Batteries should be stored safely out of the reach of children.
- Follow local regulations for the proper disposal of used rechargeable batteries. Discarded batteries may pose safety hazards. Cover battery terminals with electrical insulating tape before disposal.
- If a battery is accidentally swallowed, seek medical attention immediately.
- If the battery leaks, avoid contact with the liquid. If contact occurs, rinse the affected area with plenty of water and seek medical advice.

Use and Storage

When setting up your device, you should consider how applications, services, and user interface settings affect battery consumption. Configure the screen timeout feature to turn off the screen as early as possible, and enable adaptive brightness to reduce battery usage. Disable unnecessary applications or services running in the background to prevent battery drain. Use the Battery Saver and Battery Management features to conserve power. If network connectivity is limited or unnecessary, enable Airplane Mode to save battery life.

Please note that the capacity of lithium-ion batteries declines over time due to the stress of repeated charge and discharge cycles and environmental factors such as extreme operating or storage temperatures and humidity. As the battery's lifespan or health deteriorates, it may drain faster or take longer to recharge.

For the use and storage of batteries, please follow the recommendations below.

- For optimal charging performance, charge the device in an environment between 0°C (32°F) and 40°C (104°F). Avoid charging in extremely hot or cold conditions.
- Always use the manufacturer-specified charger and cable to ensure safety and optimal charging. Do not use incompatible chargers, as doing so may result in fire, explosion, leakage, or other hazards.
- The device is equipped with a built-in, non-removable battery. Do not attempt to remove, replace, or disassemble the battery. If the battery health falls below 70% (refer to page 15 for Checking the Battery Status) or the battery no longer holds an adequate charge, contact an authorized service center for battery replacement. (refer to page 15 for Checking the Battery Status).
- When the battery status icon indicates low power, charge the device immediately. Avoid completely depleting the battery, as this puts stress on the battery and may shorten its lifespan.
- Avoid overcharging: Disconnect the power once the battery is fully charged to prevent overcharging, as it can degrade battery performance.
- If you plan to store the device unused for several days (e.g., over weekends or holidays), fully charge the device and enable Airplane Mode or power it off.
- For long-term storage, charge the device to approximately 50% at around 25°C (77°F), and store it in a cool, dry location at a similar temperature for maximum battery lifespan.
- A battery stored for several months gradually self-discharges, and a fully depleted battery may impact its lifespan. If the device will not be used for an extended period, periodically check the battery level and recharge it to approximately 50% every three months to maintain battery health.

Charge the Battery Before Use

Charge the battery for at least 3 hours before using the device, using the supplied adapter and cable or the UROVO charging cradle (sold separately). Note that using the device while charging will increase the time required for a full charge.

Charge the device as follows:Connect one end of the USB cable to the adapter, and the other end to the device. The charging cradle is recommended for convenient charging (sold separately).

Charging Method

Charge by USB

Connect one end of the USB cable to the adapter, and the other end to the device. Charging cradle is recommended for convenient charging.



Type-C USB Cable

Battery Optimization

Please follow the tips below to save the battery power:

- Clear the background of all apps to enter the power-saving mode
- In Settings-Automatic On/Off, set Upad to automatically power on/off.
- Reduce screen brightness.
- Turn off all the wireless connections not used for the moment. Touch the airplane mode. The airplane icon will be shown in the status bar, indicating that all the wireless connections are off.
- Turn off automatic updates of e-mail, calendar, contacts and other apps.

The indicator light is located at the top right of the front of the device. The charging indicator light shows the following status:

State	LED	Indication
Off	◯	Upad is not charging. Upad is not inserted correctly in the cradle or connected to a power source. The charger/cradle is not powered
Long red light		Upad is charging
Long green light		Charging complete, Please remove the power supply promptly

Check the Battery Status

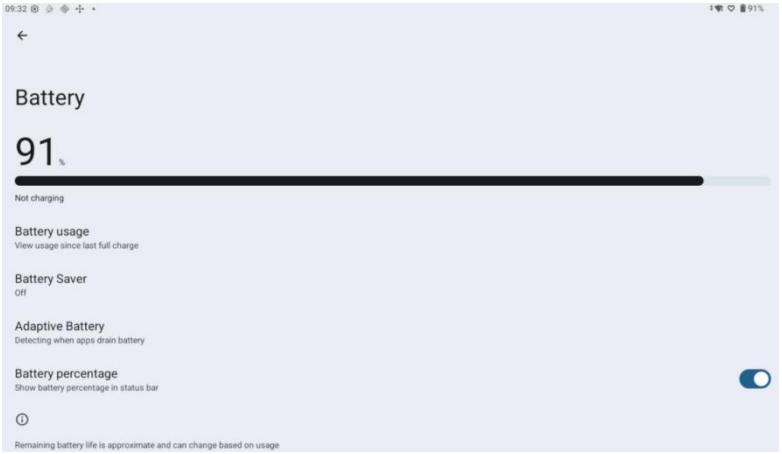
In addition to the battery status icons and LED, you can use one of the following methods to monitor the battery status:

Select one of the following:

- Settings >Battery

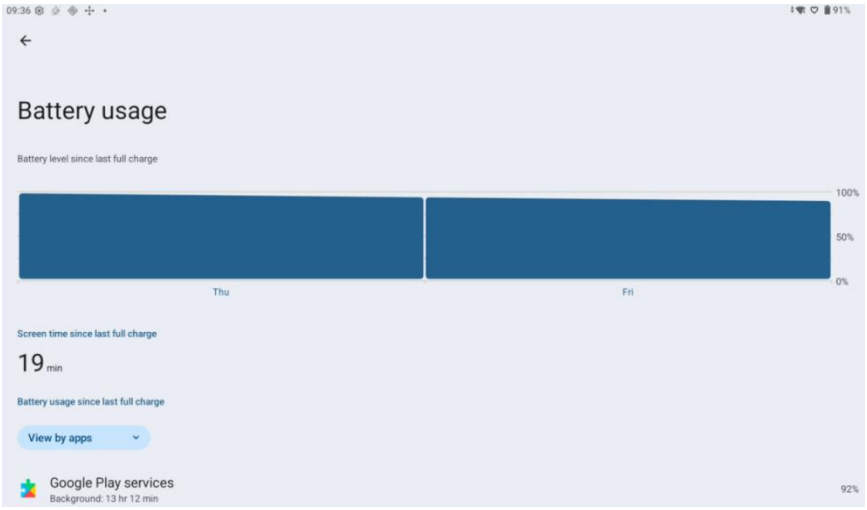
You can view current remaining battery Level, remaining usage time and Battery usage. You can

also access the battery saver feature to minimize power loss.



- Battery Management 

In this application you can check the remaining battery capacity level and battery health, and by checking the **Battery usage** you can check the **Battery level and Screen time since last full charge. Besides, by checking the Battery Saver, you can use the battery longer.** If the battery health level is below 70%, consider purchasing a new battery.





Chapter 2-Using The Device

Un-locking the Screen

Use the Lock screen to protect access to data on the device. Some email accounts require locking the screen.

When locked, you can unlock the device using the fingerprint sensor on the Power button, pattern, PIN, or password. Press the Power button to lock the screen. The device also locks after a predefined time out. Press and release the Power button to wake the device. The Lock screen displays. The screen lock automatically activates every time the display is turned off to prevent unauthorized access. You can wake and unlock the device when you want to use it again.



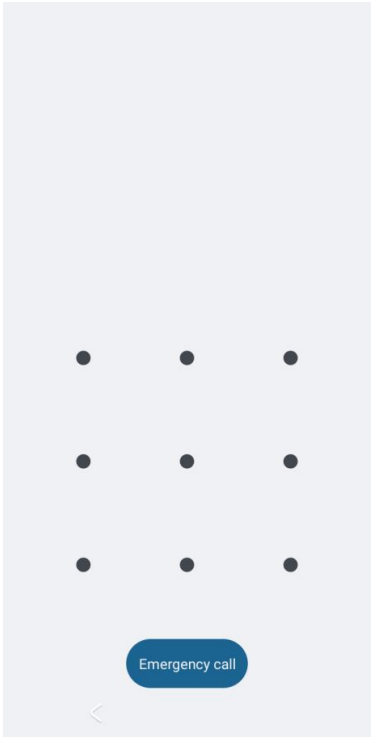
Lock Screen

1. Setting Method:
2. Open”Settings-Security-Screen lock”.
3. Choose one of the following options:

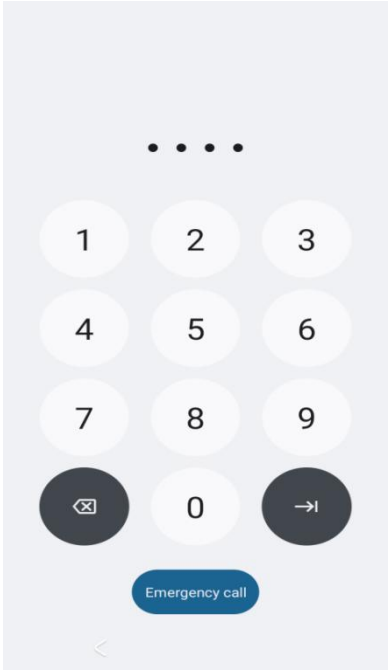
- None
- Swipe
- Pattern
- PIN
- Password
- Fingerprint

4. Follow the on-screen prompts to complete the setup.

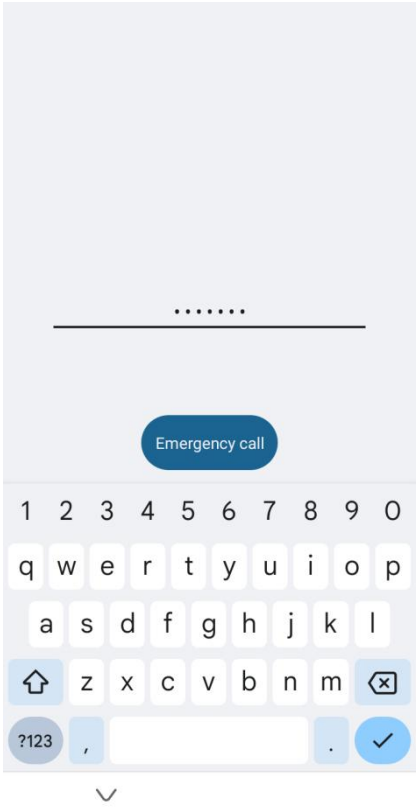
Swipe the screen up to unlock. If the Pattern screen unlock feature is enabled, the Pattern screen appears instead of the Lock screen. If the PIN or Password screen unlock feature is enabled, enter the PIN or password after unlocking the screen.



Pattern Screen
Unlock with pattern.



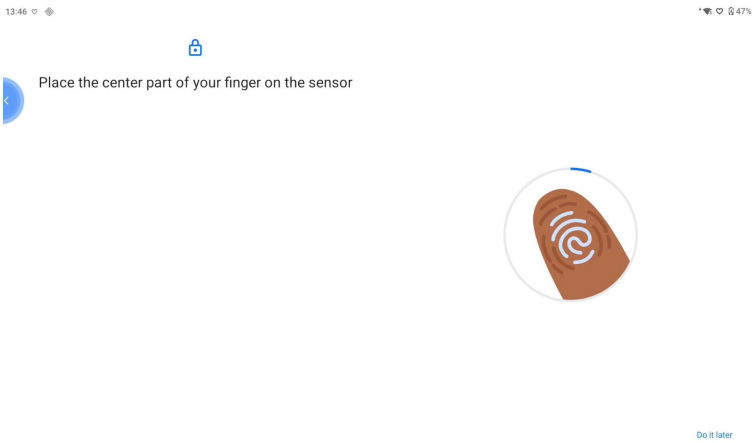
Password Screen
Unlock with your password.



PIN Screen

If the user enters the PIN, password or pattern incorrectly five times, they must wait 30 seconds before trying again.

If the user forgets the PIN, password or pattern contact the system administrator.



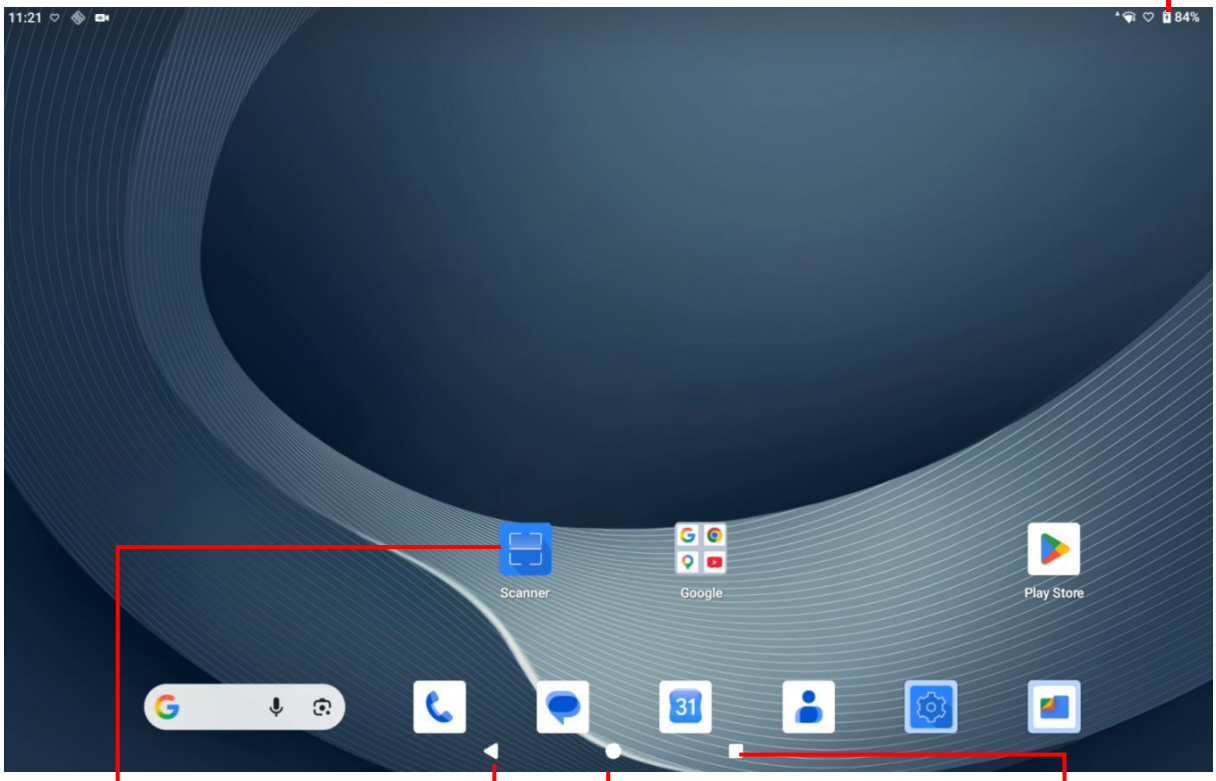
Fingerprint Screen

Fingerprint Screen Place the center part of your finger on the sensor. If fingerprint verification fails, select Do it later to use PIN login.

If the user enters the PIN, password or pattern incorrectly five times, they must wait 30 seconds before trying again.

Home Screen

Recent Button
Displays recently used applications.



Application
Click on an icon to run an application.

Back
Displays the previous screen.

Home
Displays the Home screen.

Recent Button
Displays recently used applications.

Note: Some Status icons may not appear in the Status bar if there are too many icons to display.

Some of the status icons are listed on the next page.

Status Icons

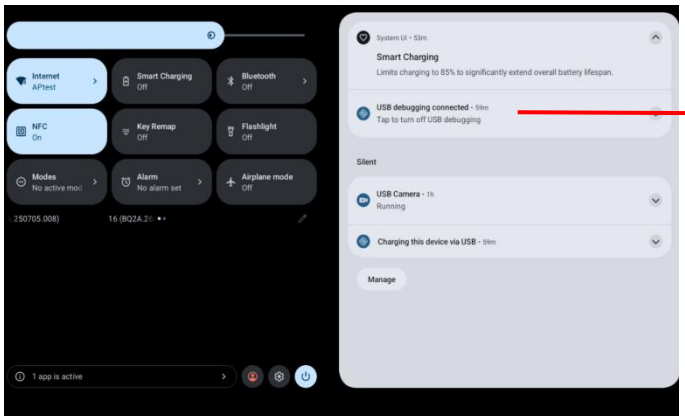
Icon	Description
	Alarm is active.
	Main battery is fully charged.
	Main battery charge is low.
	Main battery charge is very low.
	Main battery is charging.
	All sounds, except media and alarms, are silenced and vibrate mode
	Do Not Disturb mode active.
	Airplane Mode is active. All radios are turned off.
	Bluetooth is on.
	The device is connected to a Bluetooth device.
	Connected to a Wi-Fi network.
	Not connected to a Wi-Fi network or no Wi-Fi signal.
	Connected to an Ethernet network.
	Speakerphone enabled.
	Portable Wi-Fi hotspot is active.
4G LTE	Connected to a 4G LTE/LTE-CA network1.
5G	Connected to a 5G network
	Roaming from a network.
	No SIM card installed.

Notification Icons

Icon	Description
	More notifications are available for viewing.
	Data is syncing.
	Indicates an upcoming event. Non-GMS devices only.
	Indicates an upcoming event. GMS devices only.
	Open Wi-Fi network is available.
	Song is playing.
	Problem with sign-in or sync has occurred.
	Device is uploading data.
	Device is downloading data when animated and download is
	Device is connected to or disconnected from virtual private
	Preparing internal storage by checking it for errors.
	Call is in progress.
	One or more voice message is in mailbox.
	Call is on hold.
	Call was missed.
	Headset is connected to the device.

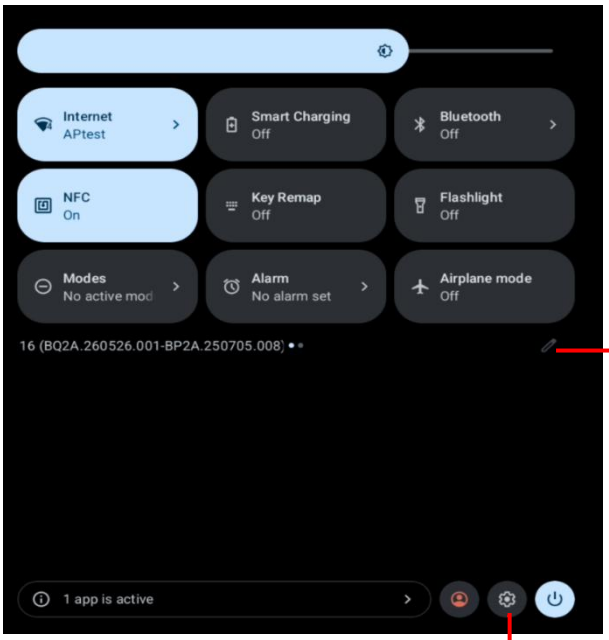
Quick Access Panel

You can manage system notifications or quickly respond to a notification by using the notifications panel.



Notification panel

When there is a notification from the Android (system) or the App, you can check details by dragging down the "Status Bar".



Quick setting panel

You can access the "Quick setting panel" by dragging down the "Notification panel".

Edit Quick settings panel

Touch the Edit icon to change the order of icon in the Quick settings panel.

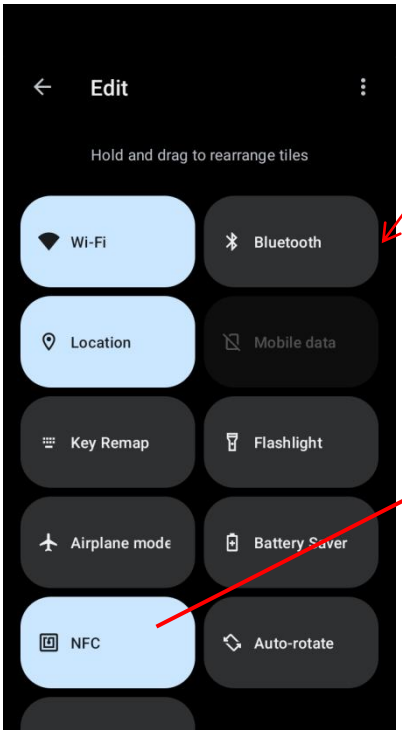
Device Settings

Touch to access device Settings.

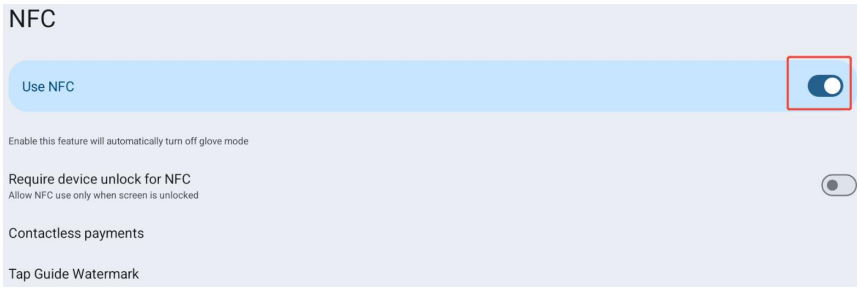
You can swipe up from the bottom of the screen or tap the Home buttons to close the notification panel.

Edit Quick Settings Panel

You can edit App icons in quick settings panel for instant access to useful controls.



Edit Quick settings panel
Hold and drag to rearrange tiles, and change the order of icons in the Quick settings panel.

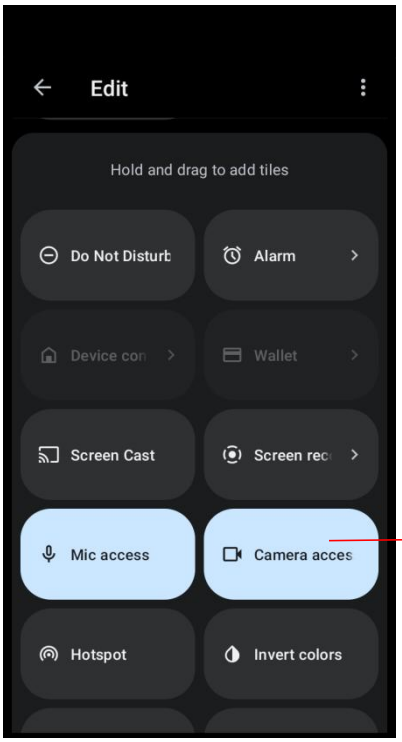


Use NFC: Enable or disable the NFC function. Enabling NFC will automatically disable glove mode.

Require device unlock for NFC: Restrict NFC operation. NFC can only work when the screen is unlocked if this option is turned on.

Contactless payments: Manage contactless payment services.

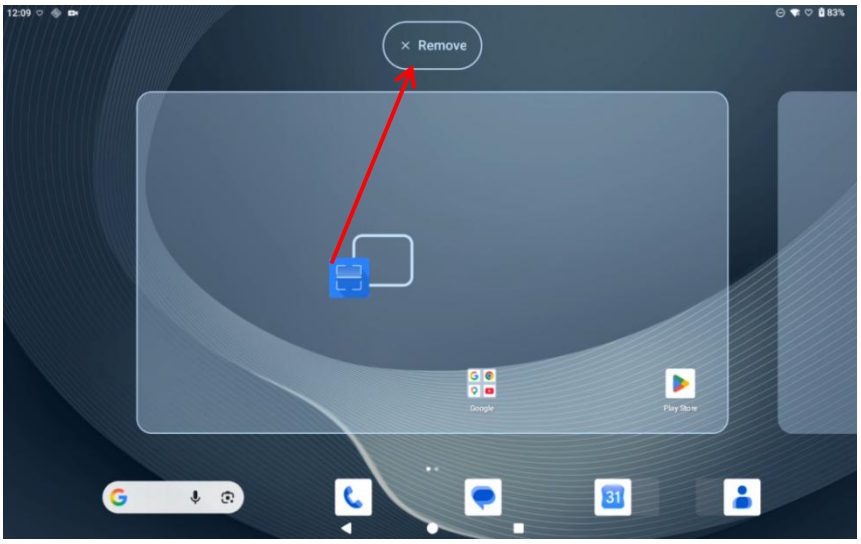
Tap Guide Watermark: Configure the NFC tap position guide watermark.



By dragging the icon, you can customize the Quick settings panel.

Remove The Application From The Home Screen

Note: When removing the application, you also remove any related user data and configuration files.



Remove the application from the home screen

Delete the application, drag its icon into the "remove" area, and release.

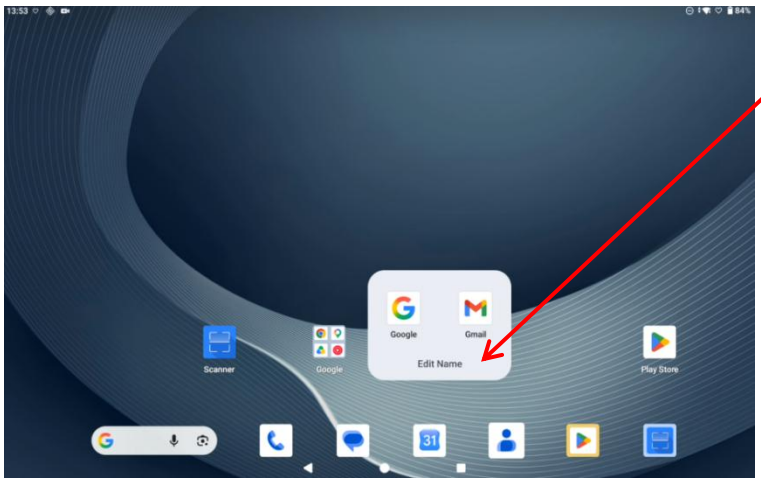
Create A Folder

You can make your apps easier to find on Home Screen by organizing them into folders.



Unnamed Folder

1. Touch the folder;
2. Touch the title area and enter a folder name using the keyboard;
3. Touch anywhere on the Home screen to close the folder. The folder name appears under the folder.

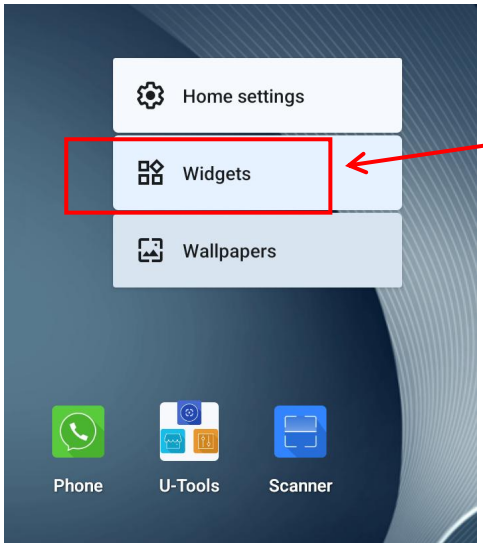


Create A Folder

1. Go to the Home Screen;
2. Touch and hold one app icon;
3. Drag the icon and stack it on top of another icon;
4. Lift and release.

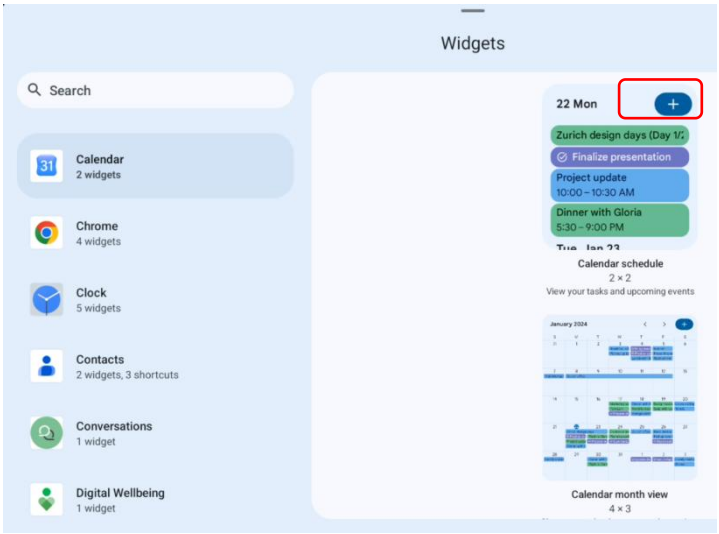
Add Widgets To The Home Screen

You can view and take action on the widgets on the Home Screen without opening the app.



Add Widgets

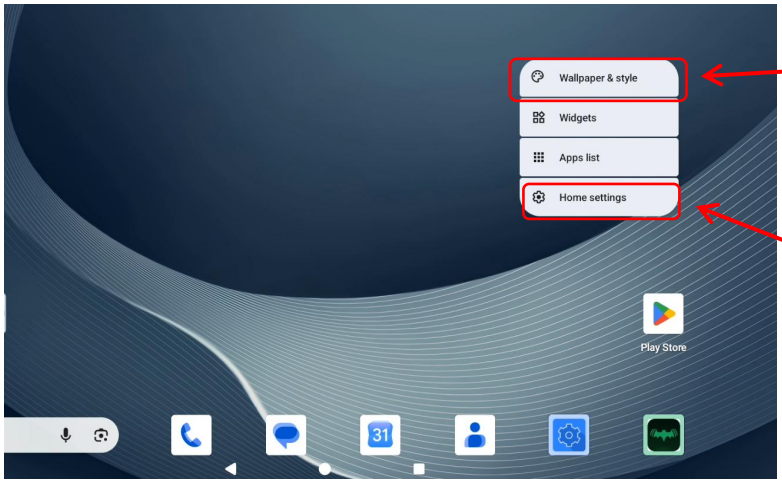
Hold down on the home screen until the menu appears, and then touch the "Widgets".



To add a widget to the Home screen

1. Scroll through the list to find widgets;
2. Touch and hold the widget until the home screen appears;
3. Position the widget on the home screen and release it.

Home Settings+Wallpapers

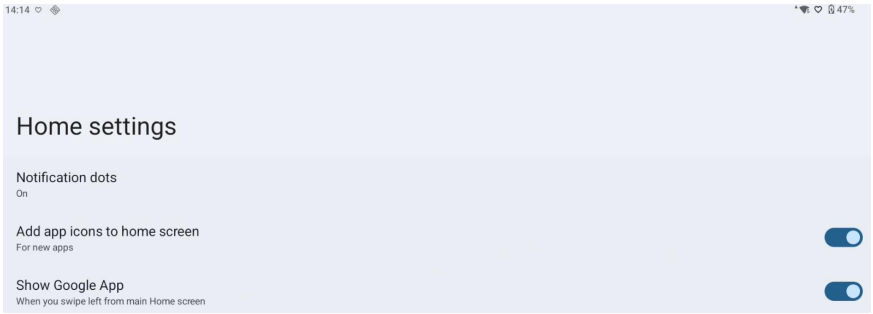


Wallpapers/Home Settings

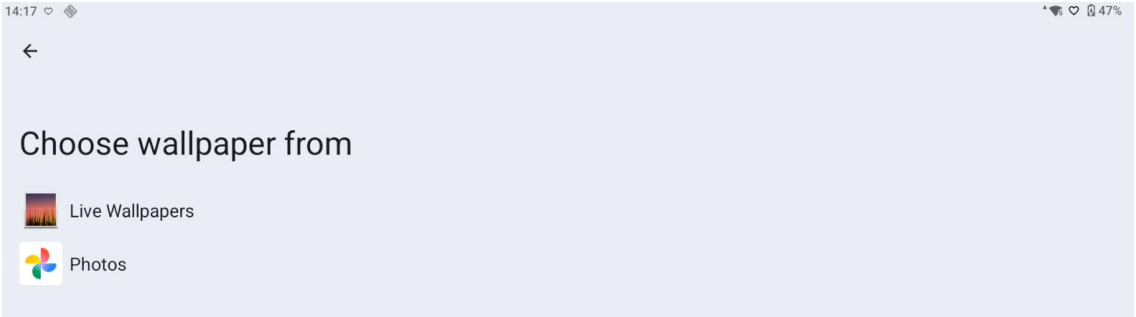
Hold down on the home screen until the menu appears, and then touch the "Wallpapers" or "Home settings".

You can change the wallpaper or the home settings on the Home Screen.

Home Settings



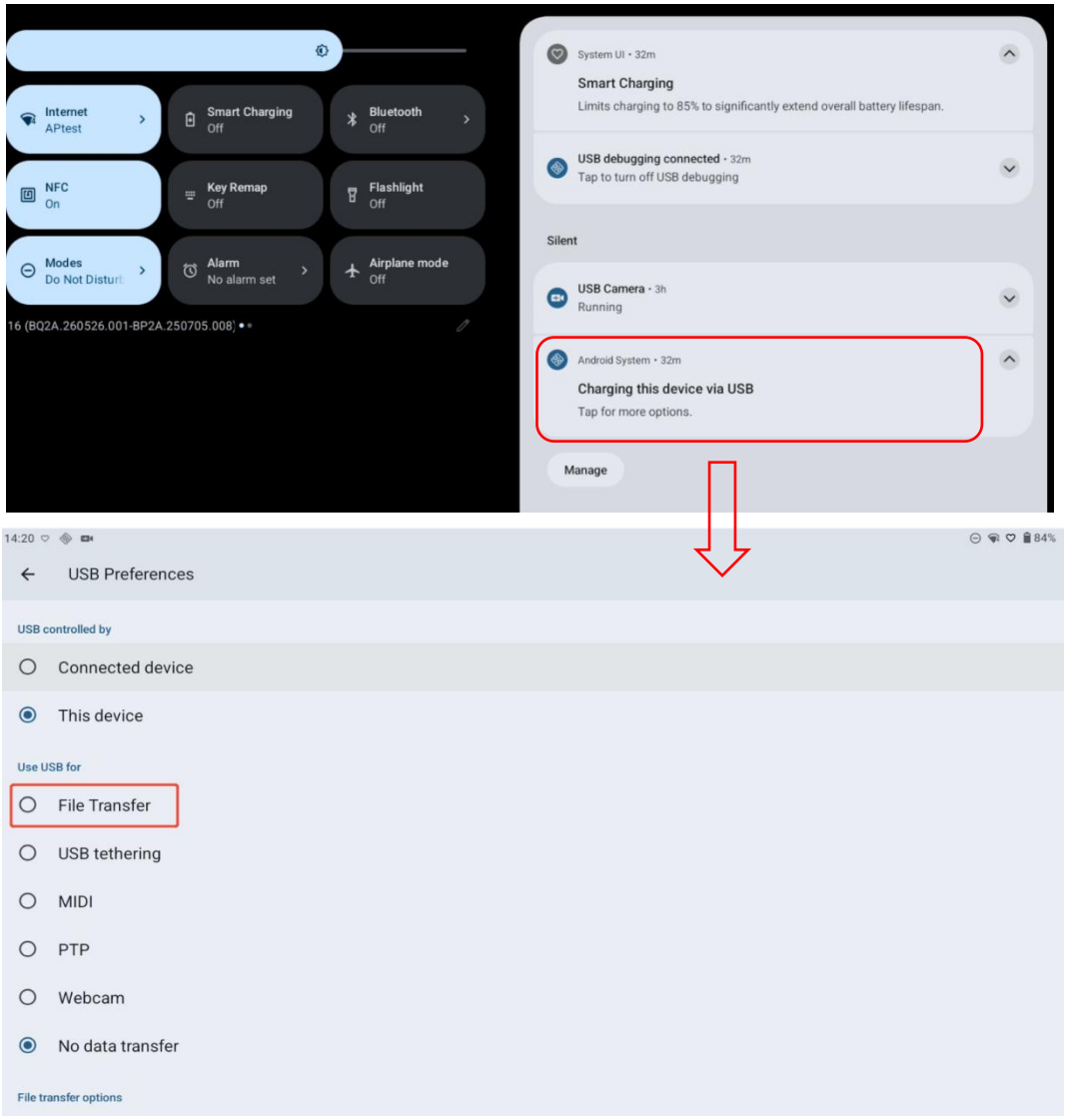
Wallpapers



File Transfer

You can transfer files by physically connect the device to a computer through a USB connection, use a file browser on your computer to transfer files to and from the Upad. If you want to transfer files between Upad and a Mac, use the Android File Transfer application (available from [www.android.com/filetransfer).](www.android.com/filetransfer))

1. Connect the device to PC by a USB cable;
2. Pull down the status bar to open the notification panel. Tap this for more options. Then select the **File Transfer** option.



1. At PC end, open My Computer to access Upad device;
2. Open an internal storage folder or SD card folder;
3. Manager media files needed.

Picture management by picture transfer protocol (PTP)

You can transfer pictures by physically connect the device to a computer through a USB connection

1. Connect the device to PC by a USB cable;

2. Pull down the status bar to open the notification panel and select **PTP** in **USB Preferences** to transfer pictures to computer;



3. At PC end, open My Computer to access Upad device;

4. Open an SD card folder or internal storage folder;

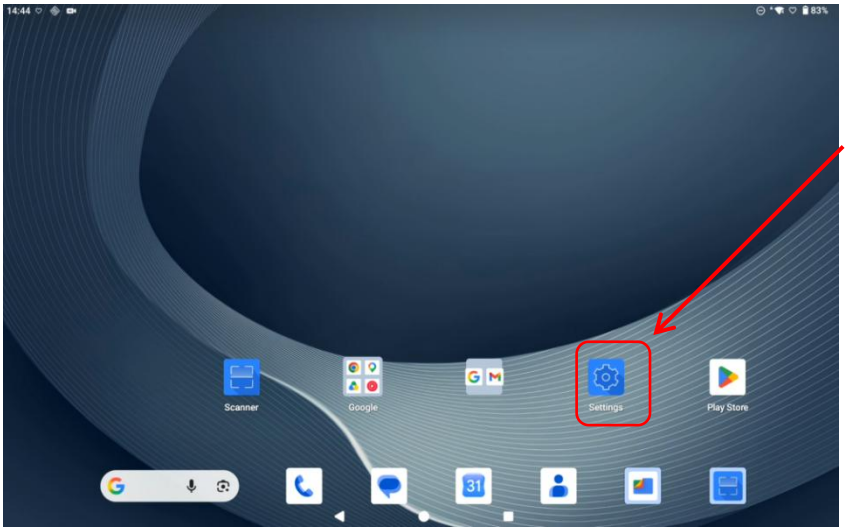
5. Manage picture files needed.



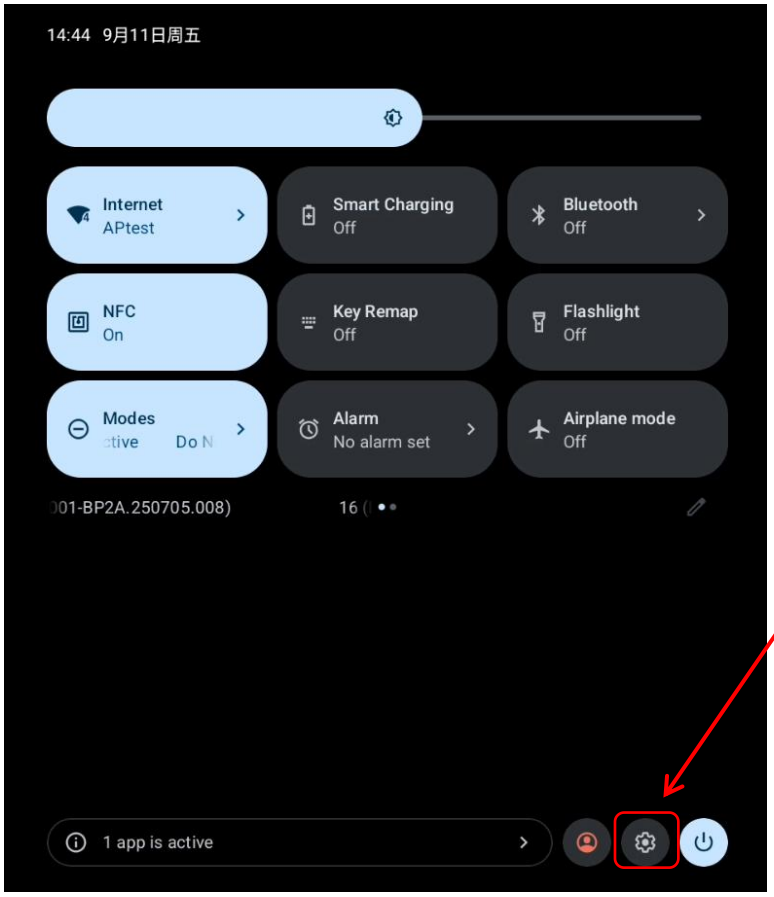
Chapter 3-Device Setting

Access Device Settings

In the settings app, you can find settings you want to change.

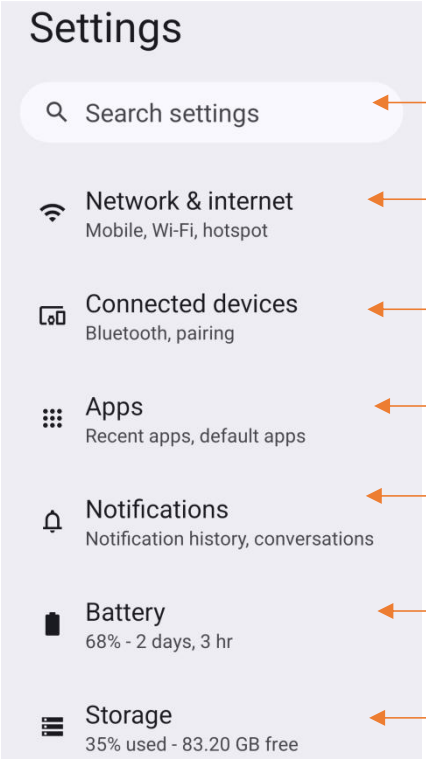


Method 1
In the home screen, tap the settings icon.



Method 2
Pull down the status bar to open the quick access panel, then tap the settings icon.

Device Settings



Enter keywords to find Settings.

Wireless network setup (Wi-Fi, Mobile network,Data usage, hotspot).

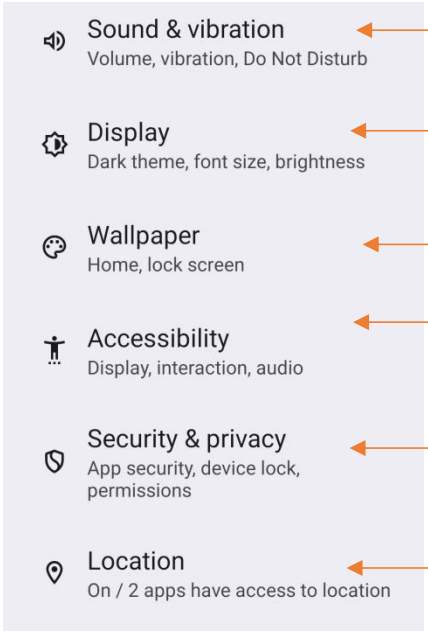
Bluetooth, NFC.

Apps (default apps, Screen time).

Notifications(App settings, Notification history, Conversations, Privacy)

Battery Settings (Battery Usage, Battery Saver, Battery percentage).

Storage (Storage manager, Free up space).



Sound(Volume, Vibration, Do not disturb).

Display Settings(Brightness, Wallpaper, Screen timeout, Font Size).

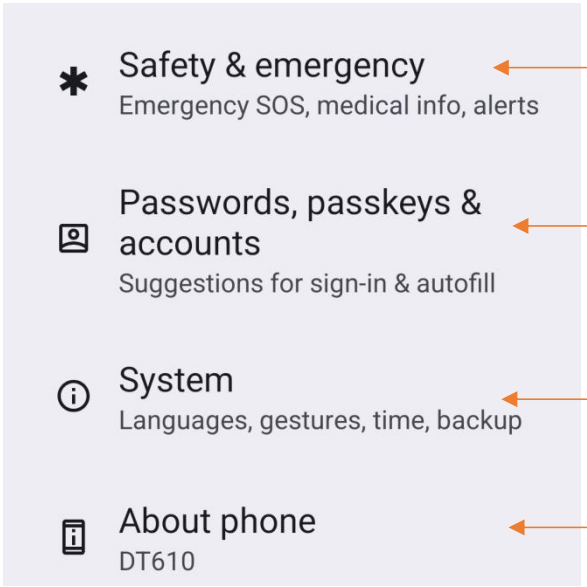
Set the wallpaper of Home and lock screen.

Accessibility(Screen reader, Display, Interaction controls).

Security(Security status, Screen lock, Encryption & credentials).Privacy dashboard, Permission manager, Personal data.

App location permissions, Location services.

Device Settings



Emergency information, Emergency SOS, alerts.

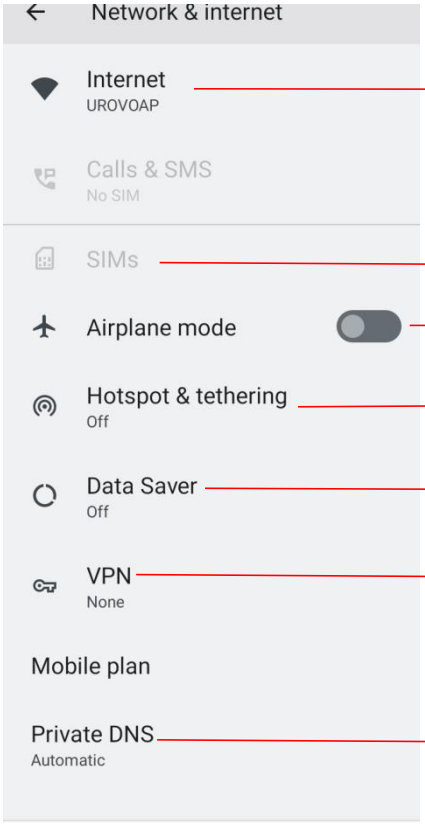
Saved passwords, synced accounts.

System Settings (Languages, Date & time, Backup, Reset options, System update)

Basic info, Legal & regulatory, Device details, Device identifiers.

Network & internet

Connect your Upad to the internet by using an available wireless or wired network.



Connecting to a Wi-Fi Network.

Preferred SIM for mobile data, allow calls, SMS messages.

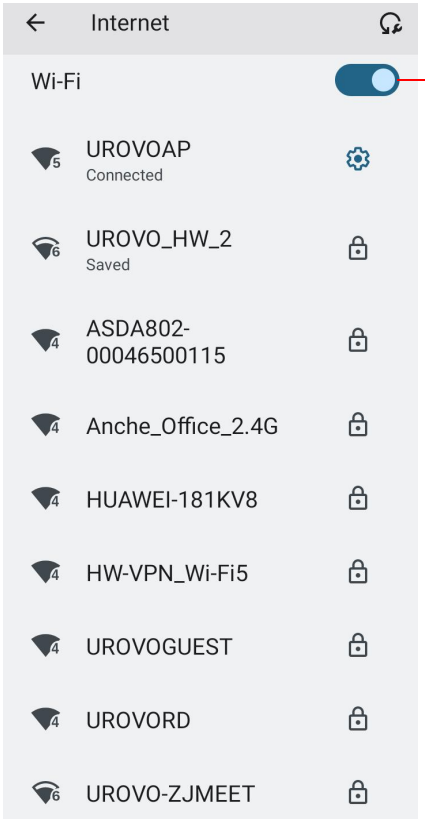
Turn on/off airplane mode.

Sharing the mobile data connection.

To help reduce data usage.

Manage VPN.

Select private DNS mode.

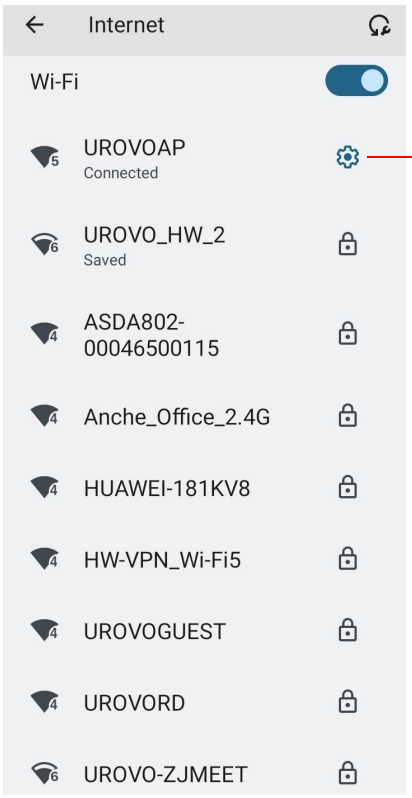


Touch the Wi-Fi item and enable the "Use Wi-Fi". The device searches for WLANs in the area and lists them.

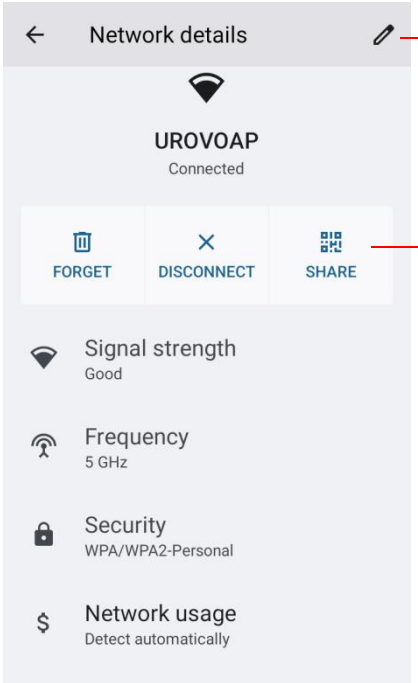
Scroll through the list and select the desired WLAN network.

For open networks, touch profile once or press and hold and then select “Connect”, then enter the required password or other credentials then touch Connect.

Connect to a Wi-Fi Network



In the Wi-Fi setting field, Connected appears indicating that the device is connected to the WLAN.Click on the icon to view the network details.

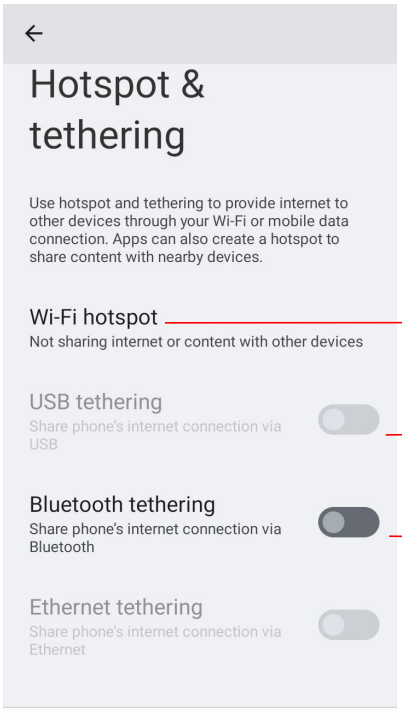


Modify network options.

Remove/Disconnect/Share Wi-Fi Network.

Hotspot & Tethering

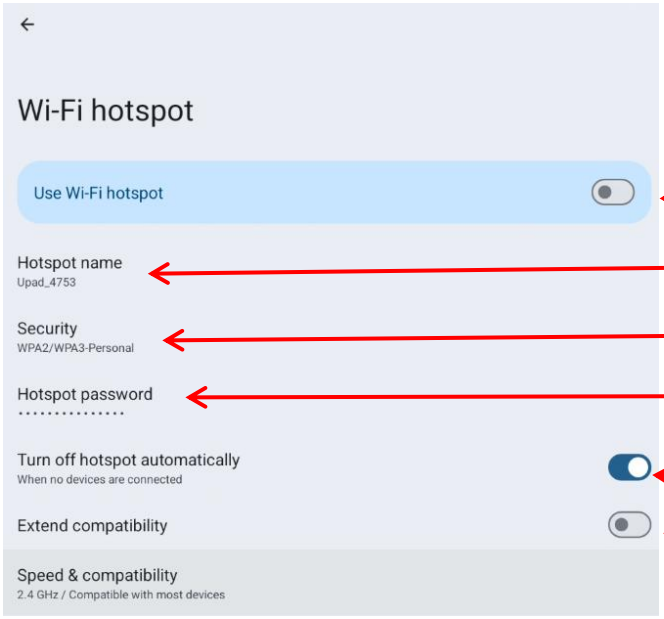
Enable or disable using the Upad as a Wi-Fi hotspot.



Touch to turn on/off Wi-Fi hotspot and manage hotspot Settings.

Share the device's internet connection via USB.

Share the device's internet connection via Bluetooth.



Turn on/off the Wi-Fi hotspot.

Change hotspot name.

Security (WPA2/WPA3, None).

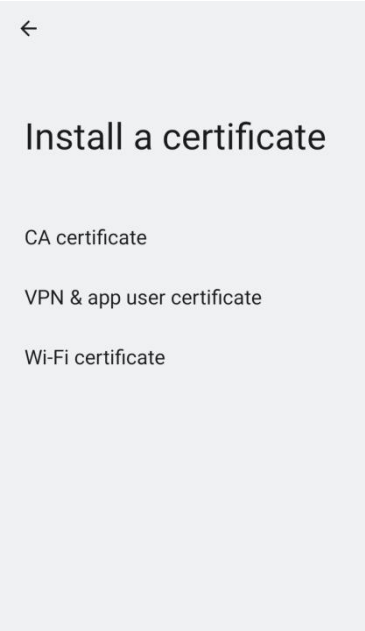
Change the hotspot password.

Turn on/off the hotspot automatically.

Whether to extend the compatibility of PDA

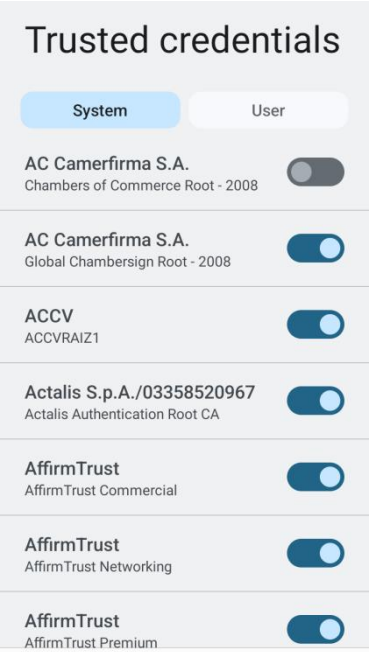
Load, Disable or Remove a Certificate

To use a certificate, you must install it in the Trusted credential on the device.



1. Tap **Settings >> Security&Privacy >> More Security&Privacy >> Encryption & credentials >> Install a certificate**
1. Select CA certificate, VPN & app user certificate, or Wi-Fi certificate
2. Tap the Menu icon ☰, and navigate to the location where you saved the certificate.

You can disable or remove the certificate in the Trusted credentials.



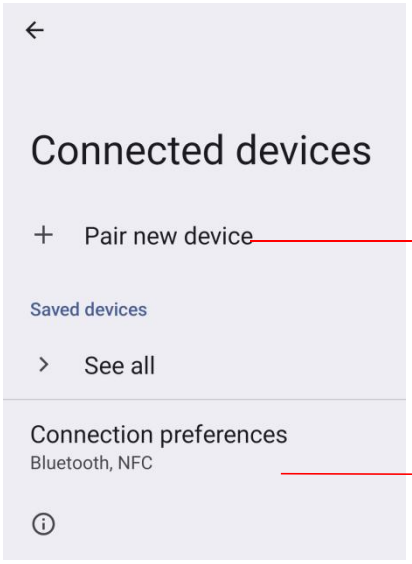
3. Tap **Settings >> Security&Privacy >> More Security&Privacy >> Encryption & credentials >> Trusted credentials.**

4. Select the certificate you want to disable or remove in System or User.

5. Tap to disable (for System certificates) or remove (for User certificates) the certificate.

Bluetooth Setting

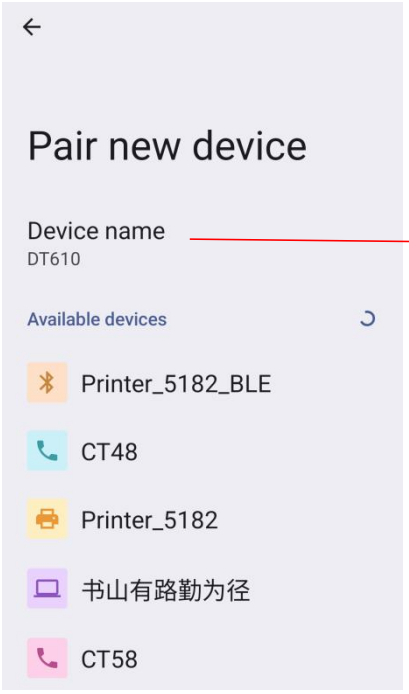
You can communicate your Upad with other devices using Bluetooth technology.



Enabling /Disabling Bluetooth:
1. Swipe down from the Status bar to open the Quick Access panel.
2. Touch to turn Bluetooth on/off.

Touch to rename Bluetooth name and connects new devices.

Bluetooth, NFC and so on.

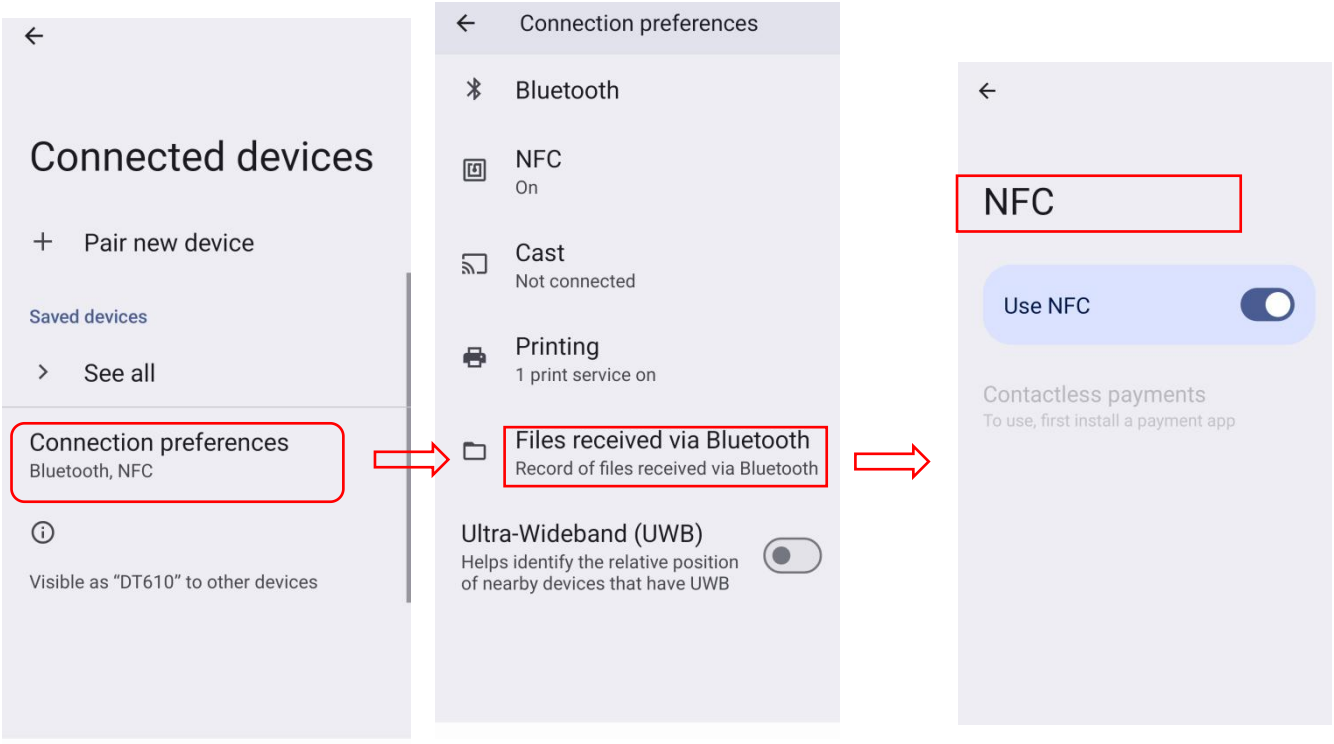


Touch to change the Device name.
Select the Bluetooth device you want to connect to.

NFC Setting

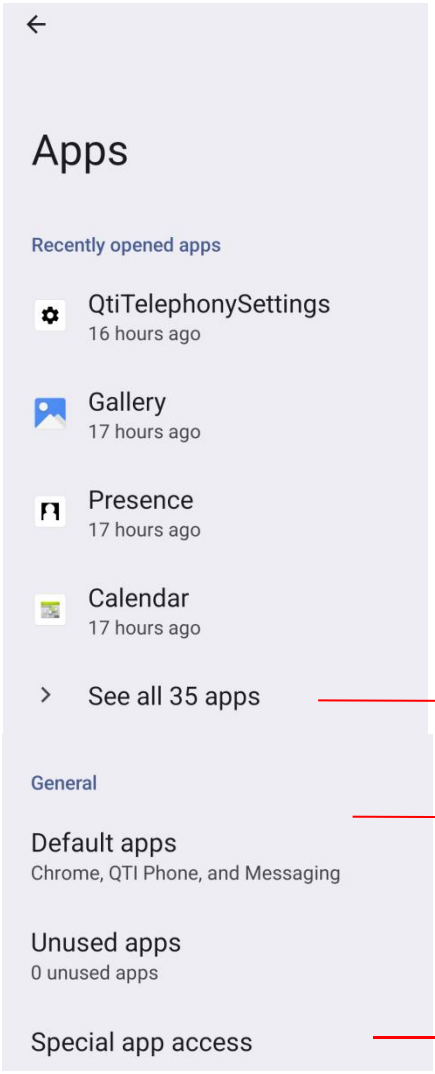
The Upad with built-in NFC supports short-range wireless data transfer between the device or other NFC enabled devices. Turn on Use NFC to make it available.

Settings >>Connected devices >> Connection preferences >> NFC



- When the NFC Switching is off, place the tag near the NFC antenna on the backside.
- When the NFC Switching is on, place the tag near the NFC antenna on the front side.

Apps

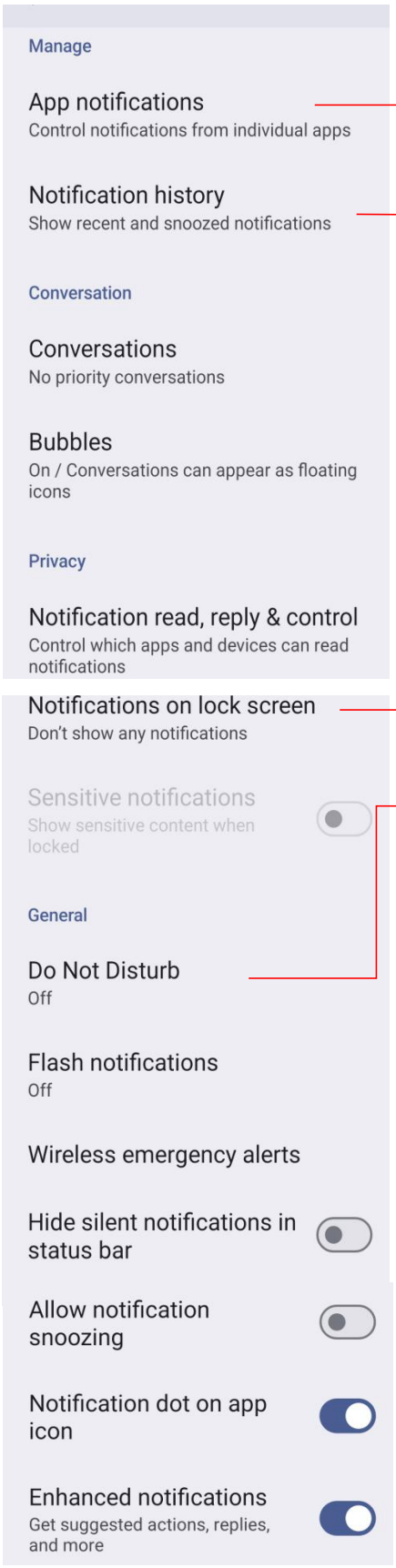


View all information about Apps.

The default apps of browser, Digital assistant, Home, Phone, SMS.

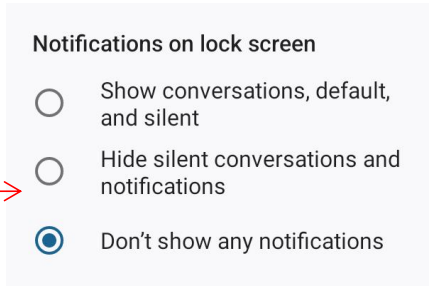
Manage application access permissions.

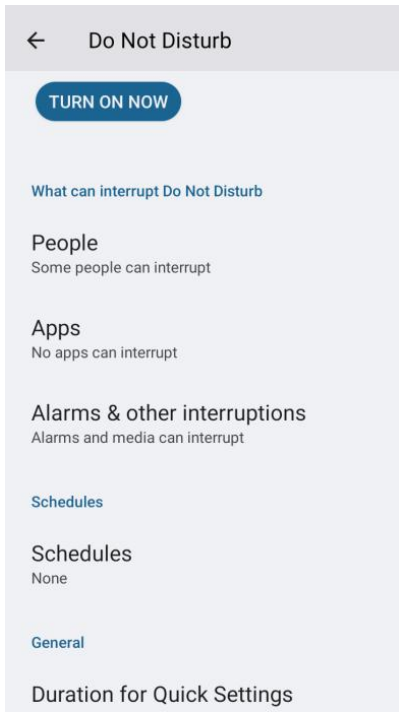
Notifications



Control notifications from individual apps.

Show recent and snoozed notifications.

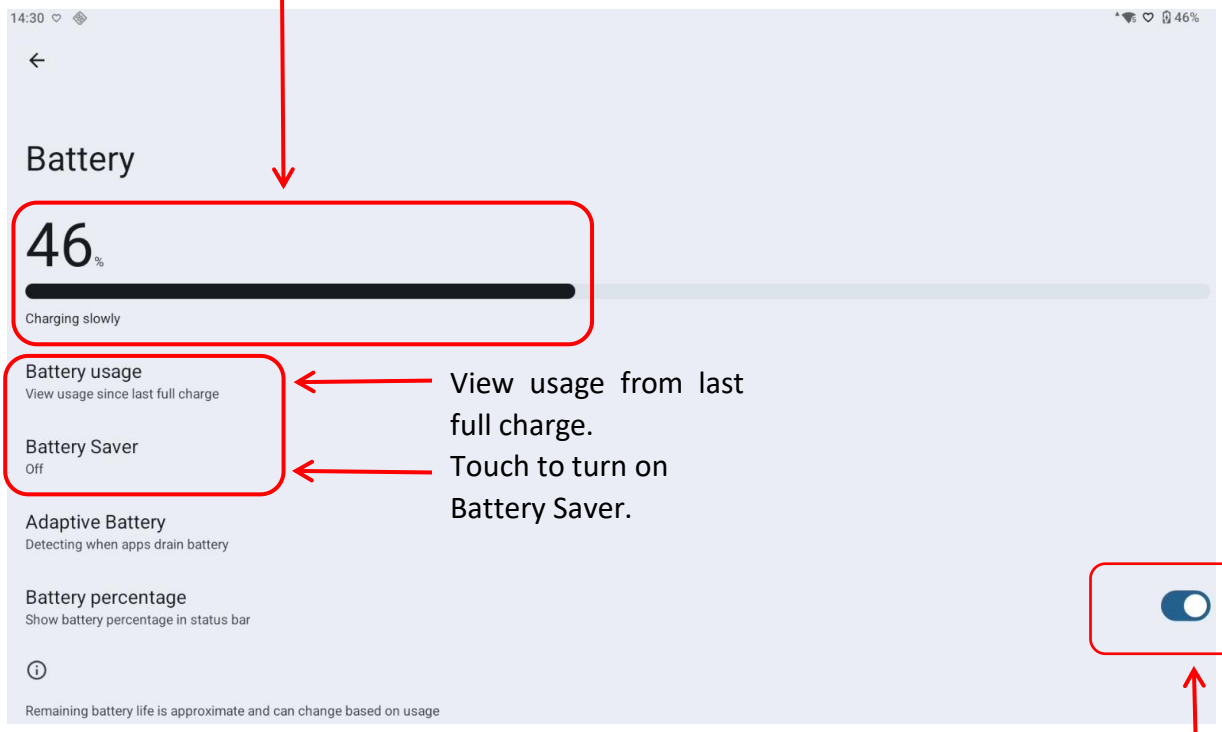




In this mode, only get notified by important people and apps.

Battery

Remaining battery capacity and estimated working time.

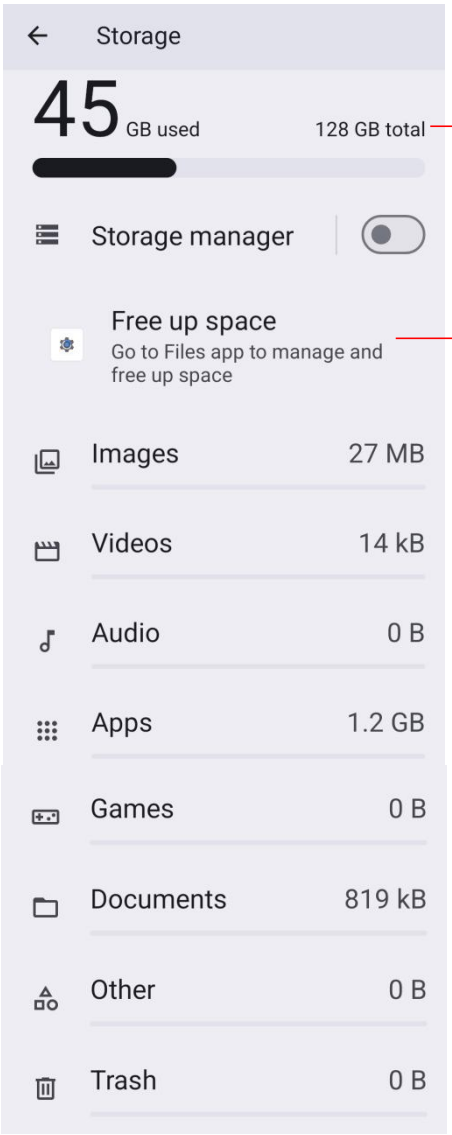


View usage from last full charge.

Touch to turn on Battery Saver.

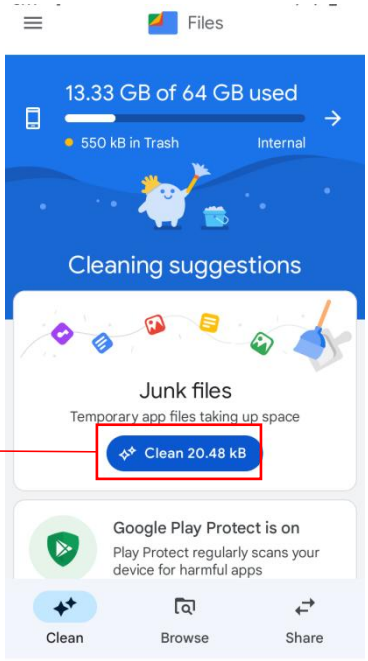
Touch to turn on Battery percentage, and show the battery percentage in the status bar.

Storage



Displays device memory usage.

Touch "Free up space".

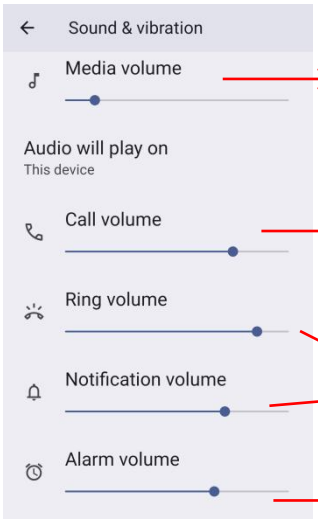


Click here to clean up junk files.

Slide up and down to view storage information of different types.

Sound&vibration

You can configure sounds, volume or enable vibration feedback when you get a call, text, email, reminder, or other type of notification.

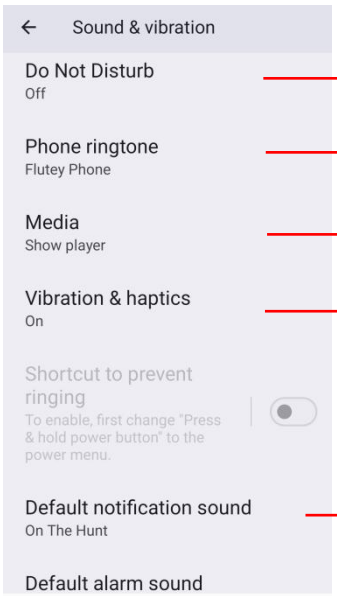


Slide the dots and set the music, games, and media volume.

Slide the dot , set the call volume.

Slide the dot , set the ring volume.

Slide the dot , set the Alarm volume.



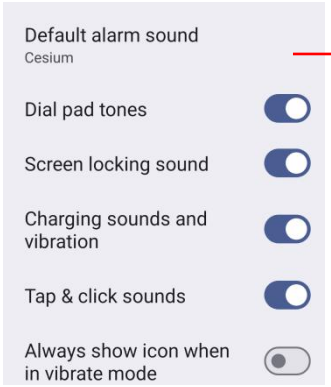
Touch set does not disturb.

Touch to select the sound you want to play when the phone rings.

Pin media player, Show media recommendations.

Never vibrate, Always vibrate, Vibrate first then ring gradually.

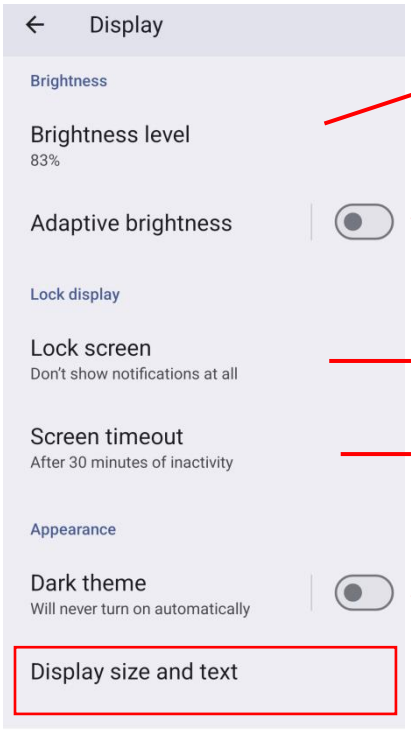
Touch to select the sound of the notification prompt.



Touch to select the sound of the alarm prompt.

Display

The display automatically adjusts the backlight intensity for current light conditions using the built-in ambient light sensor. You can also manually adjust the display brightness if you don’t want to use the auto-brightness feature.



Adjust the slider to change the screen brightness.

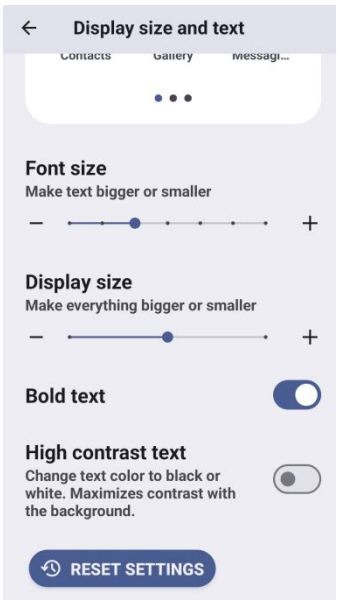


Screen brightness adjusts to the environment.

Don’t show notifications at all.

When you don't use your phone for a long time, it will automatically go into sleep mode.

Turn on/off the Dark theme.



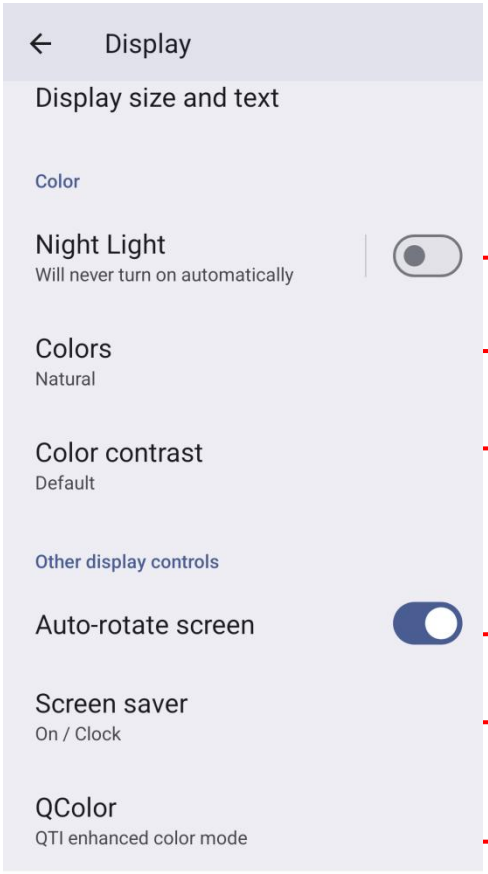
Adjust the text font size on the screen

Make the items on your screen smaller or larger.

Emphasize the text.

Highlight the text.

Device Setting



Tints your screen amber.

Change colors

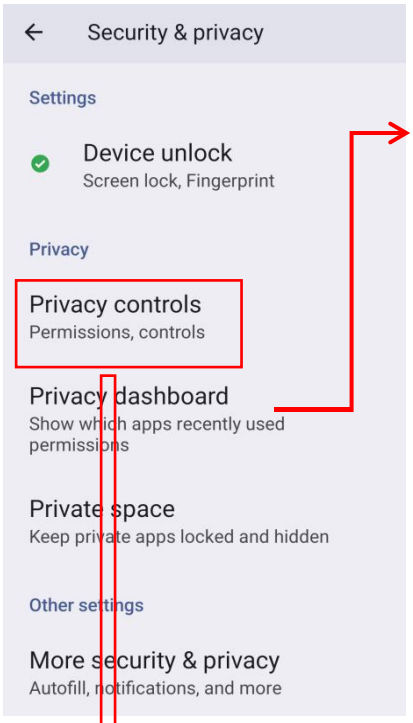
Highlight makes text,buttons stand out more.

Click to turn on/off the automatic rotation screen.

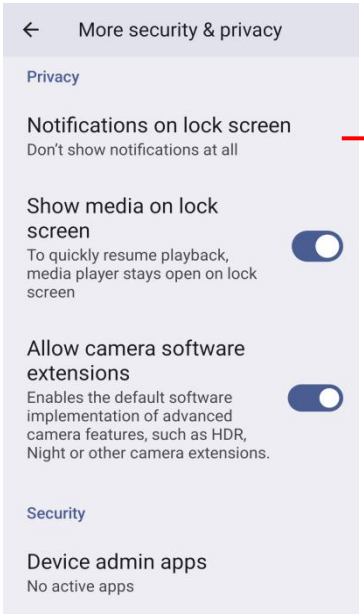
Screen saver settings.

Enhance color mode.

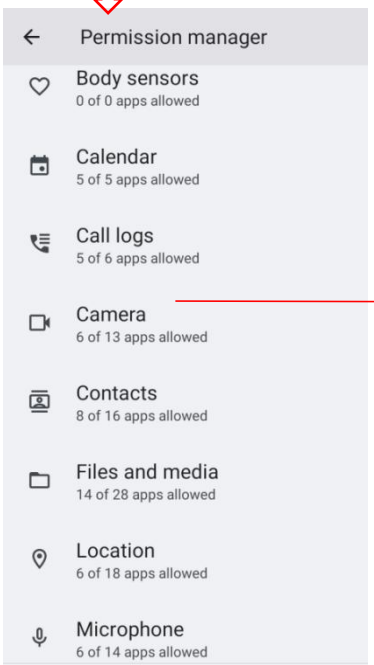
Security&Privacy



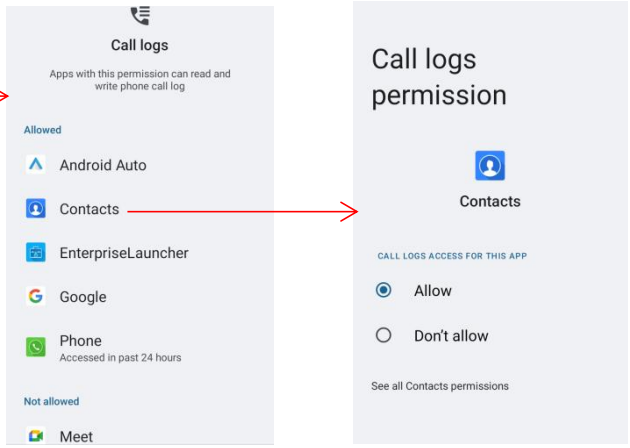
Show which apps recently used permissions.



Show all notification content or don't show notification at all.

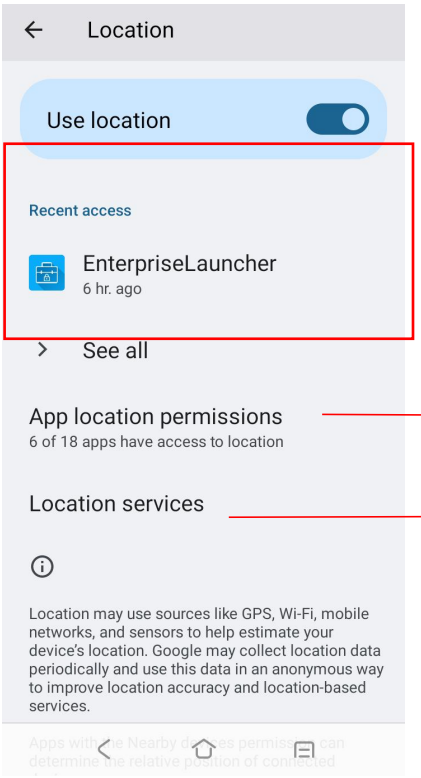


You can view the applications that have been allowed or denied this permission and click the application you want to modify.



Example: modify whether the Contacts application allows call logs permission.

Location



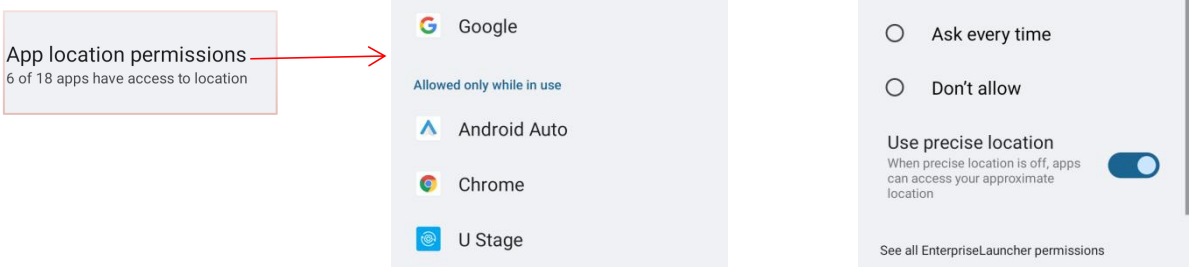
Enable location service.

View the software that recently applied for location information.

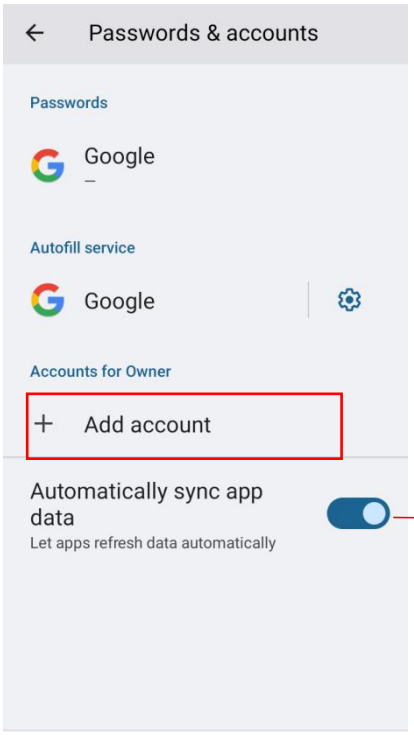
View or modify application location permissions.

Emergency Location Service;
Google Location Accuracy;
Google Location History;
Wi-Fi scanning;
Bluetooth scanning

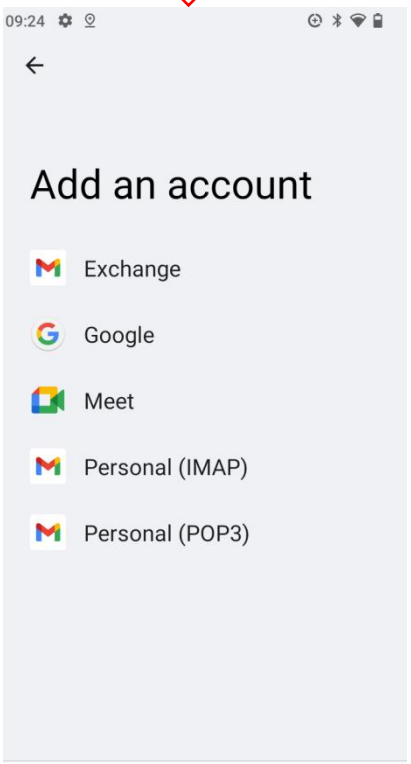
Modify application location permissions.



Passwords,passkeys & accounts

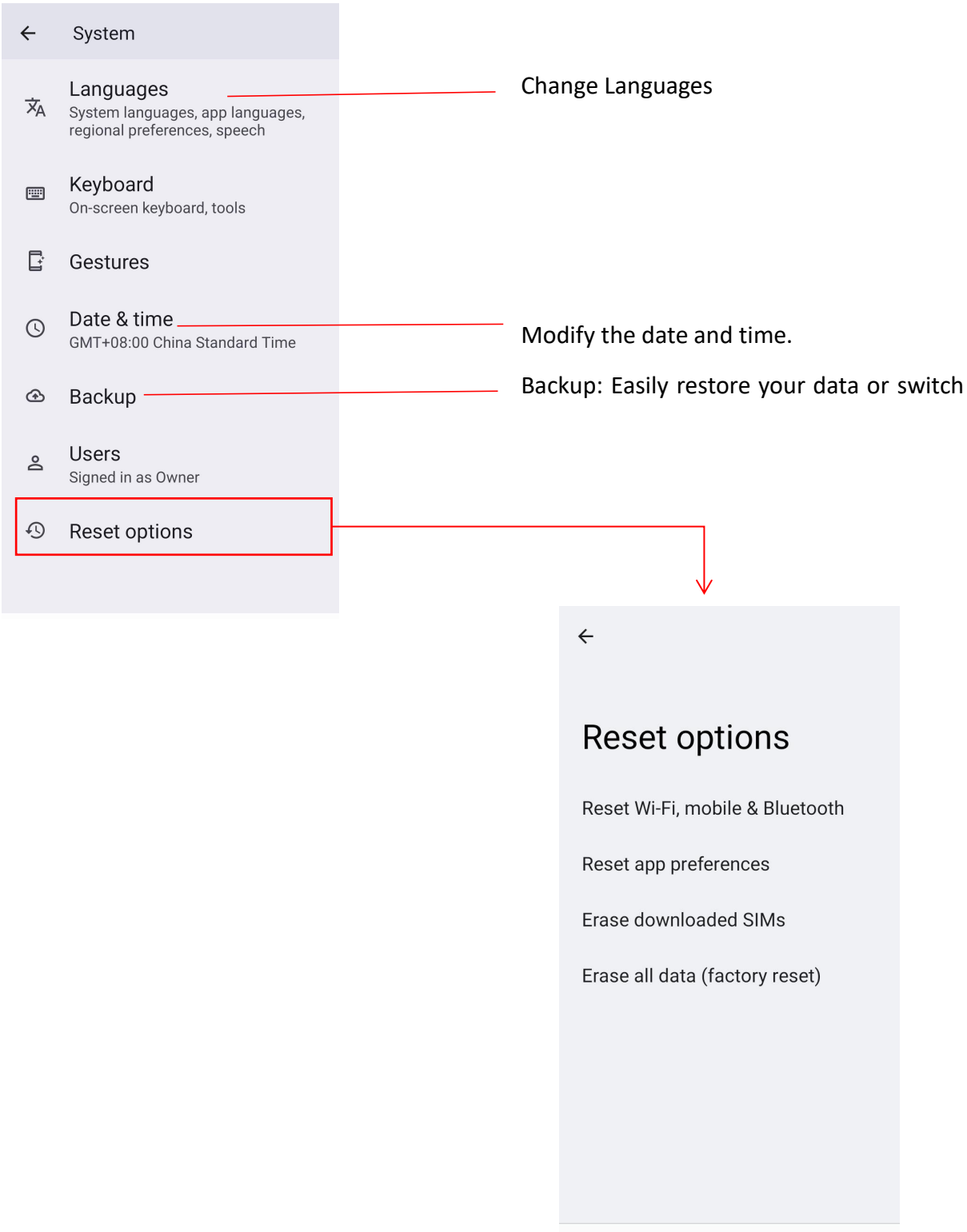


Turn on automatically sync data, lets apps refresh data automatically.

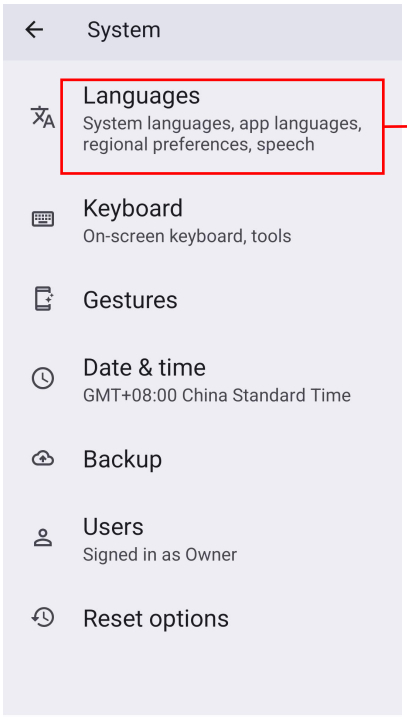


Click "Add Account" to create an account.

System


System
Languages
System languages, app languages, regional preferences, speech
Keyboard
On-screen keyboard, tools
Gestures
Date & time
GMT+08:00 China Standard Time
Backup
Users
Signed in as Owner
Reset options
Change Languages
Modify the date and time.
Backup: Easily restore your data or switch
Reset options
Reset Wi-Fi, mobile & Bluetooth
Reset app preferences
Erase downloaded SIMs
Erase all data (factory reset)

Languages



Modify the system language of the device.
Touch "Settings-System-Language".



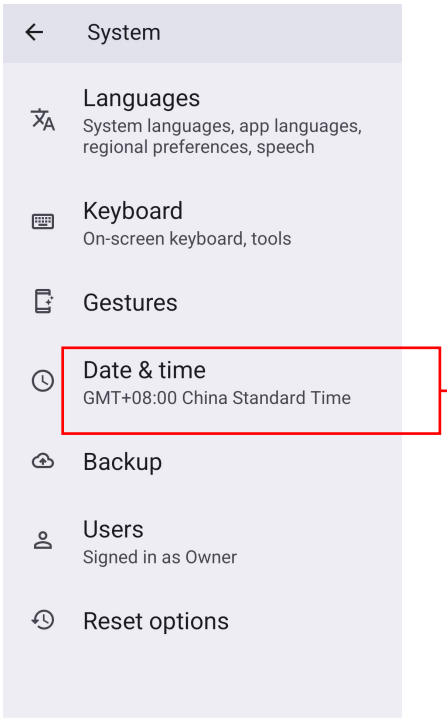


Remove language.

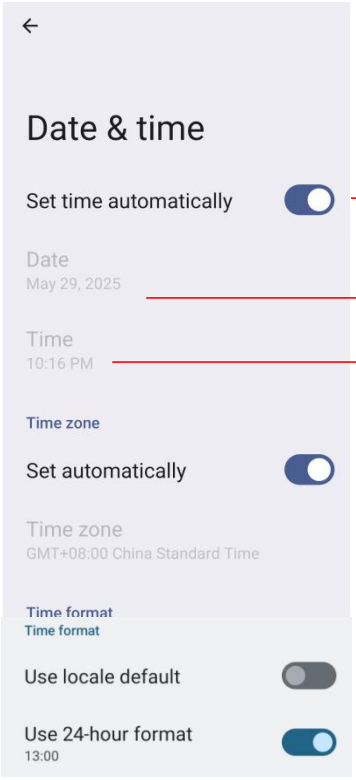
Drag the language you want to set to the top.

Add a language.

Data & time

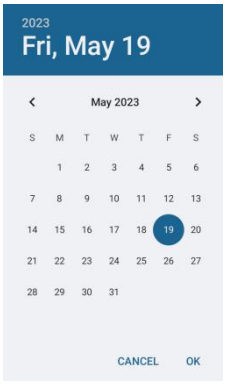


Touch " Settings-System-Data & time".

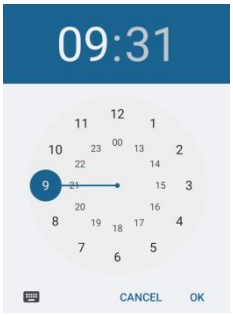


If you want to manually change the date and time, click here to turn is off.

Touch to set Data.



Touch to set Time.



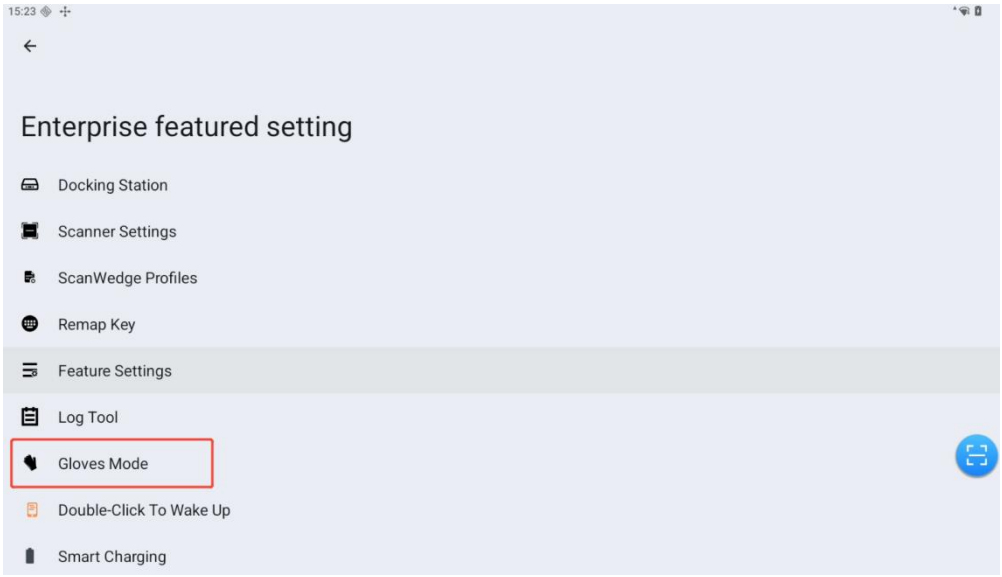
Gloves Mode

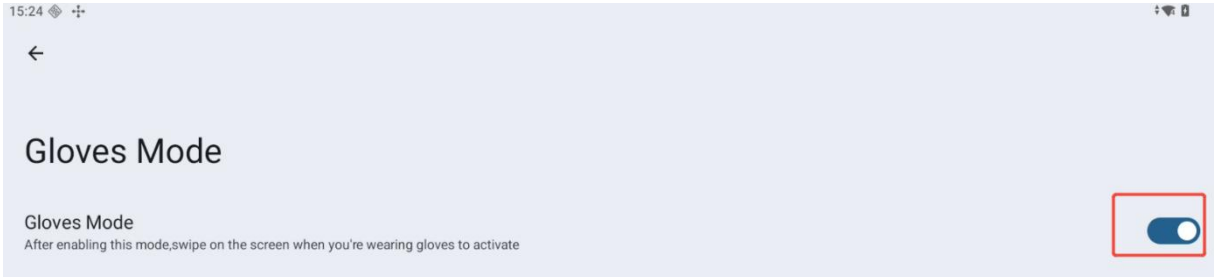
If you wear gloves, you can turn on the Gloves Mode to optimize screen interactions.

Note: Gloves thickness should be below 2mm for touch screen response.

Please turn on the glove mode as follows:

Settings > Enterprise featured setting> Gloves Mode





Chapter 4-Use the Scan Engine

Use this chapter to learn how to scan bar codes, configure scanning settings

The setup interface of the scanning engine may vary. If in doubt, contact a Urovo technician for guidance.

About the Image Engine

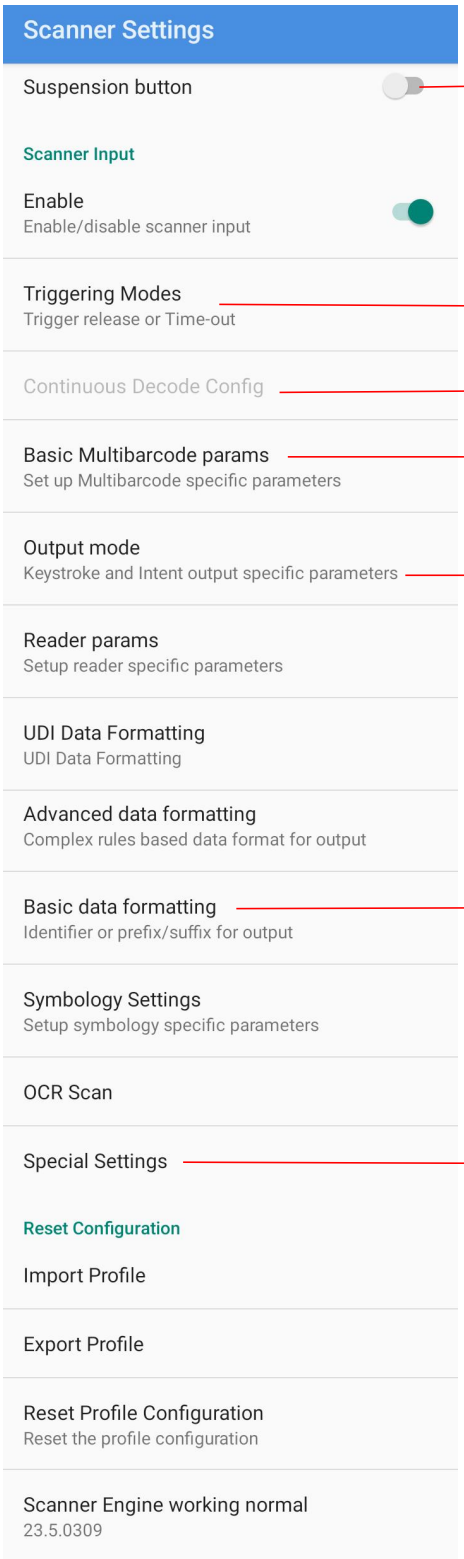
The Upad supports 360° barcode scanning and provides an aiming beam to assist with targeting barcodes. Before you begin scanning barcodes, go to **Settings>Enterprise featured setting>Scanner Settings** or **ScanDemo>Setting**, then modify the scanning settings to enable only the barcode symbology you need. By reducing the list of active symbology, you can improve scanning speed.

1. Point the scanner window toward the barcode. For optimal performance, slightly angle the scanner to avoid reflections.
2. Press and hold either the left or right scan button to activate the aiming beam.
3. When the device beeps, the barcode has been successfully read, and the information will be entered into the application in use.



Scanner Settings

You can modify the settings to meet your application needs, note the OCR settings menu option is only displayed when a license is installed.



Suspension button: Open the virtual key scanning tool on the desktop--USCAN, which is available for dragging at will and touching tosimulate the key scanning function.

Supports changing the form of triggered scanning, e.g. continuous scanning.

To enable this configuration, select "KeyDown start, Again KeyDown stop" in "Triggering Modes".

Set up Multibarcode specific parameters.

Output mode: Intent output, Keystroke output, Keystroke and Intent output.

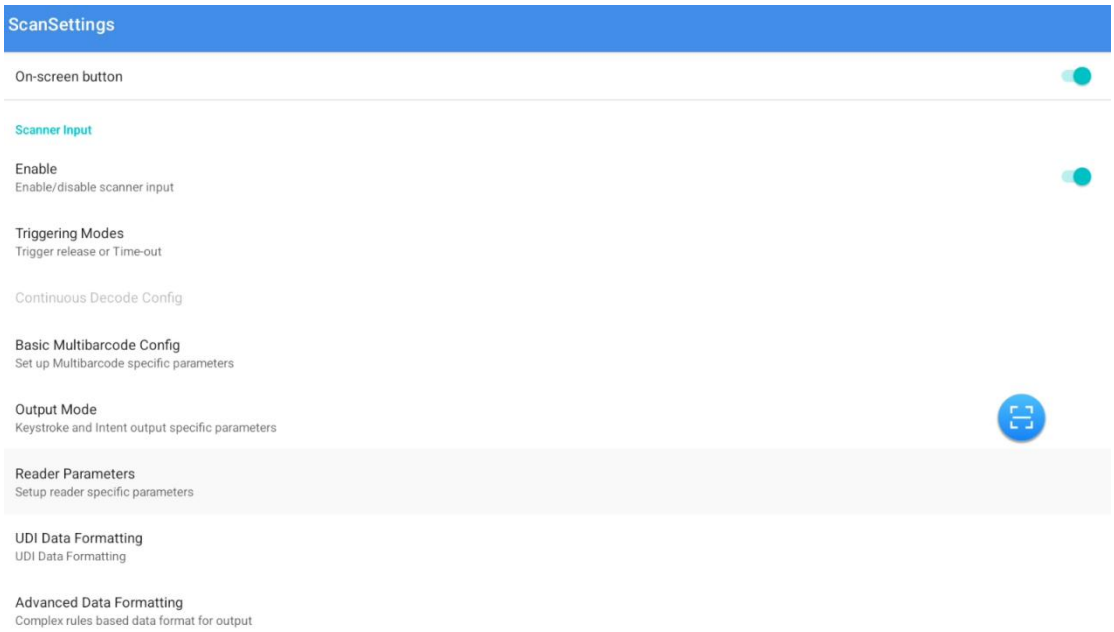
Upon access of bar codes, the system may be available for additional functions: Formatting, Prefix, Suffix, Formatting, Substitute, Delete Non-printing Control Character, App Identifier, or Code Id Type.

Characters delay, Key event delay.

ScanWedge Profiles

The ScanWedge sends scanned barcode data to an App as keypad input. You can use App that are coded to use the scan engine that receive data through the scan wedge.

4. Click Default to modify the scan settings for the default application.



5. New scan settings can be created and applications can be associated to this profile, as follows:

(a) Click on the top right option and select "**New profile**";

(b) Name the new scan configuration;

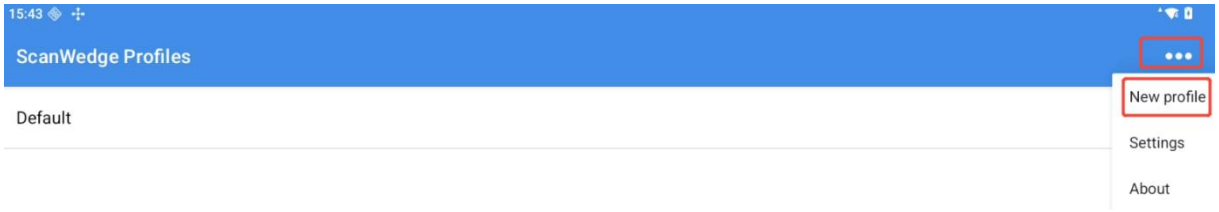
(c) Touch "**Associated Apps**" ;

(d) Touch "**Associate more app**";

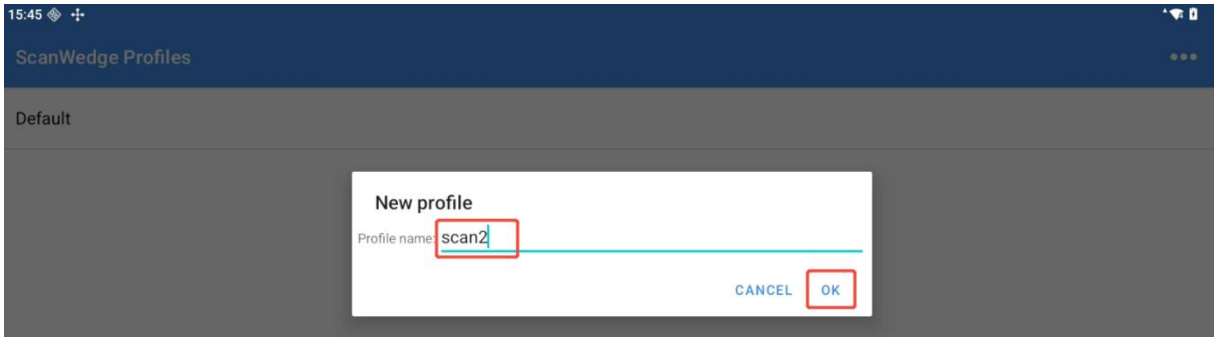
(e) Select the app you want to associate with.

Applications

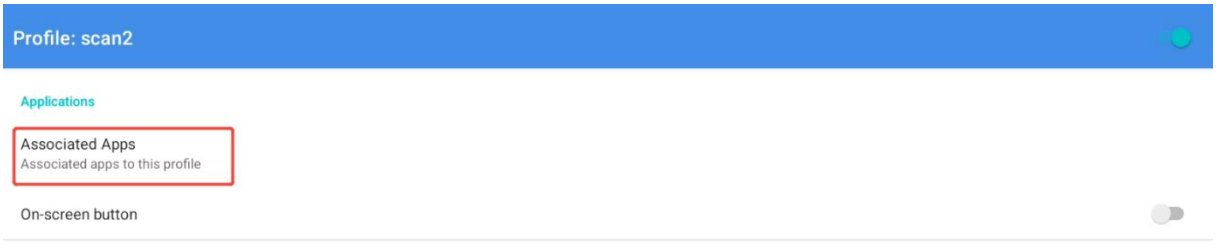
(a)



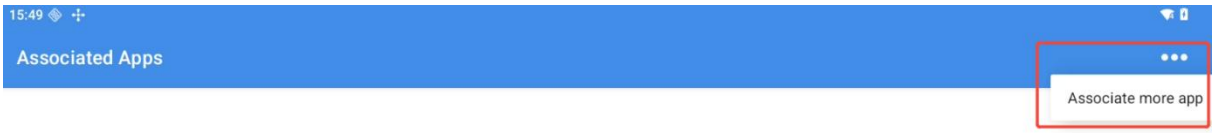
(b)



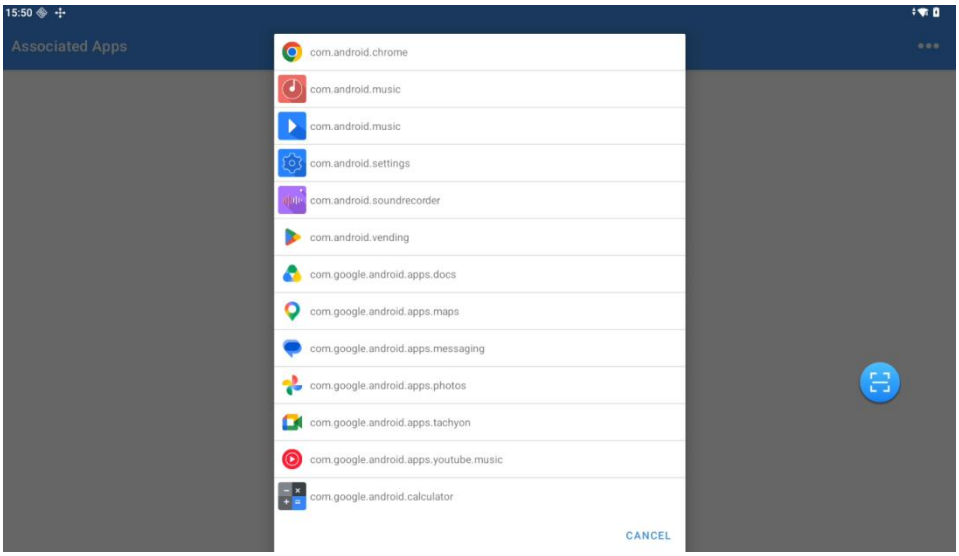
(c)



(d)

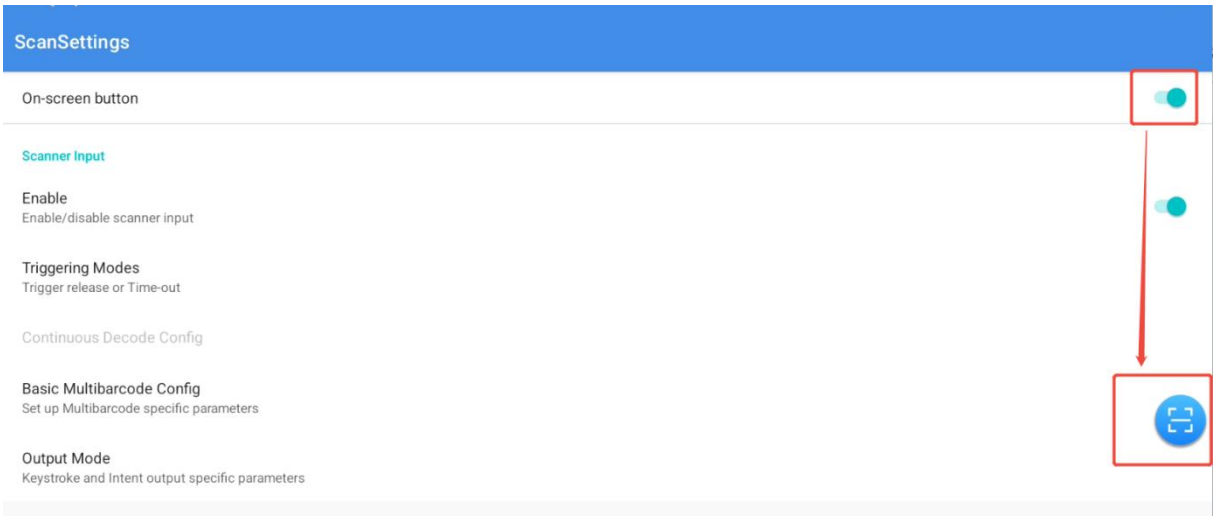


(e)



Floating action button

Suspension button: Open the virtual key scanning tool on the desktop--USCAN, which is available for dragging at will and touching to simulate the key scanning function;



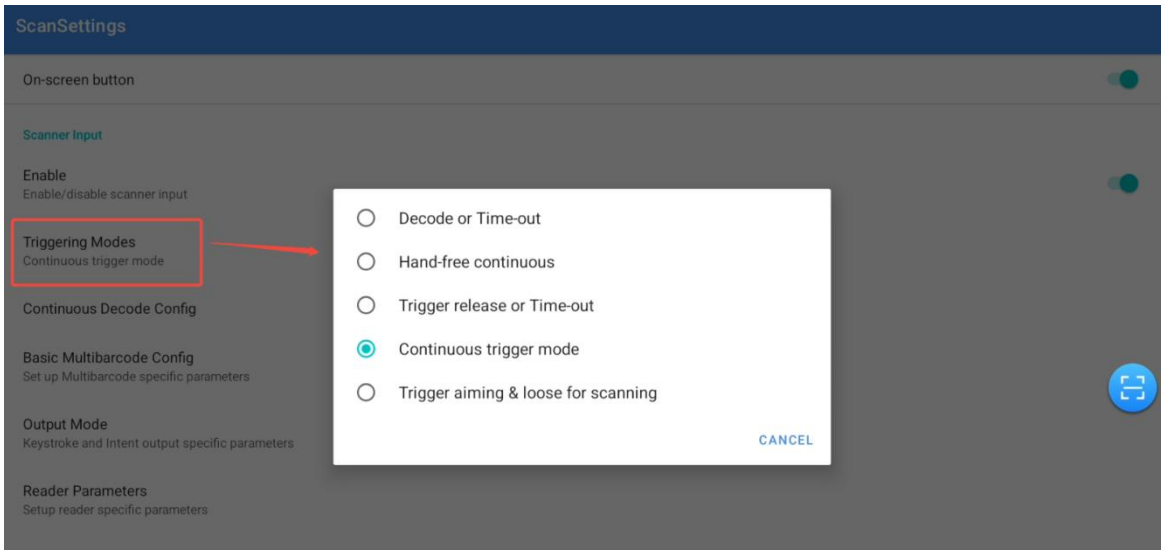
Triggering Mode

Here you can select the scanning triggers that match your scenario or your habits.

- **Decode or Time-out**: manually trigger the scanning function. Press the scanning key and laser light or supplementary light will be shown. The light will not go out until decoding is completed or scanning times out;
- **Hands-free continuous**: Manual trigger to start continuous scanning mode, can be used when scanning multiple barcodes, when you need to stop scanning, press the scanning key again to end scanning.
- **Trigger release or Time-out** : manually trigger the scanning function. Press

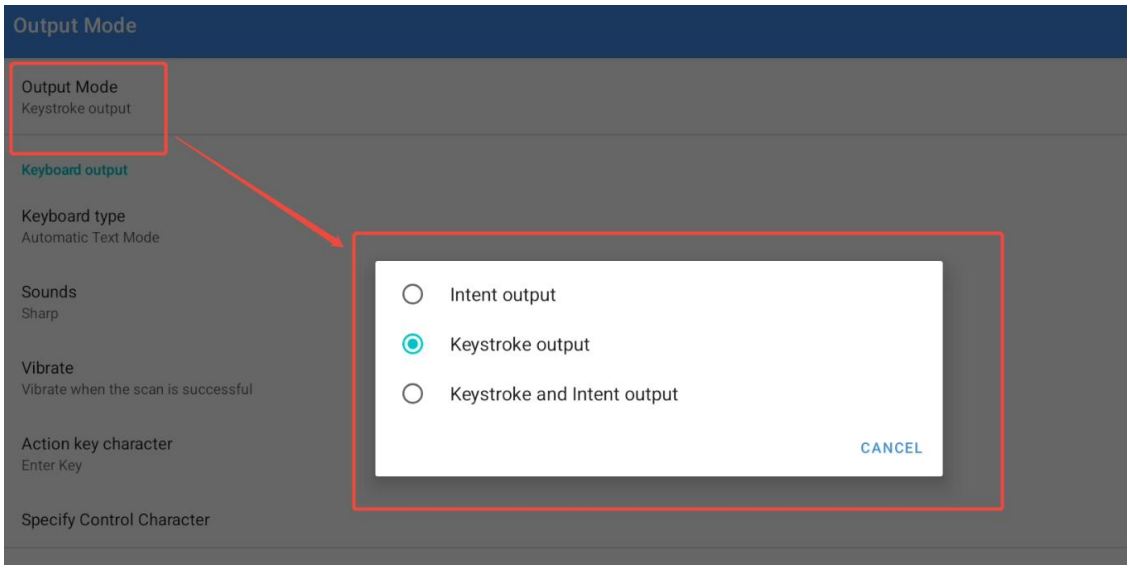
the scanning key and laser light or supplementary light will be shown.Release the key and the light will go out. In addition, the scanning light will also go out after decoding.

- **Continuous trigger mode:** The device emits a targeting beam for barcode reading only when the scanning button is pressed, once the scanning button is released, the scanning ends.
- **Trigger aiming & loose for scanning:** Press the scan button to start scanning, once the device successfully reads the barcode, the scanning ends.



Keystroke output

Check this mode and the scanning results will be output to the app focus edit box in the foreground by keyboard.



- ✓ **Keyboard type** – options include **Auto text mode**、**Soft keyboard**、**Always Physical keyboard**, Such options may cause a difference in scanning results. Please select with caution.

  Automatic Text Mode: If a focus input box arises in any app interface in the foreground, it will directly show all the data, otherwise the device will output scanning results character by character through keyboard simulation;

  Soft keyboard: the device directly displays all the data in the input box through input method editor simulation;

  Always Physical Keyboard: the device outputs scanning data through physical key event simulation at any interface;

- ✓ **Sounds** – set the system's notification tone for scanning, which

may be None, Instant (default) or Squeak.

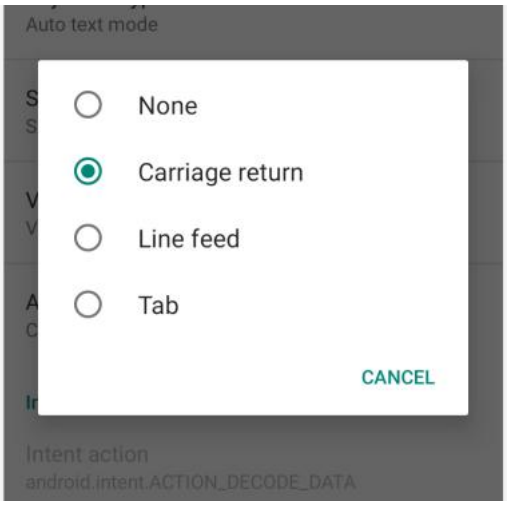
- ✓ **Vibrate** – check to enable the function of vibrating after scanning
- ✓ **Action key character** – **None、Carriage return、Line feed、Tab,** Add operational key characters behind scanning results through keyboard simulation.

None: no operation

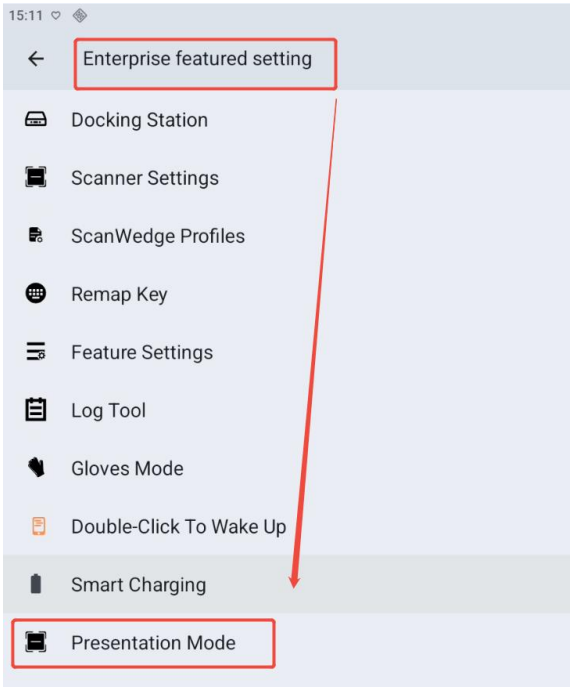
Carriage return: add an enter behind scanning results through keyboard simulation;

Line feed: add an OK operation behind scanning results through keyboard simulation;

Tab: add a Tab key operation behind scanning results through keyboard simulation;

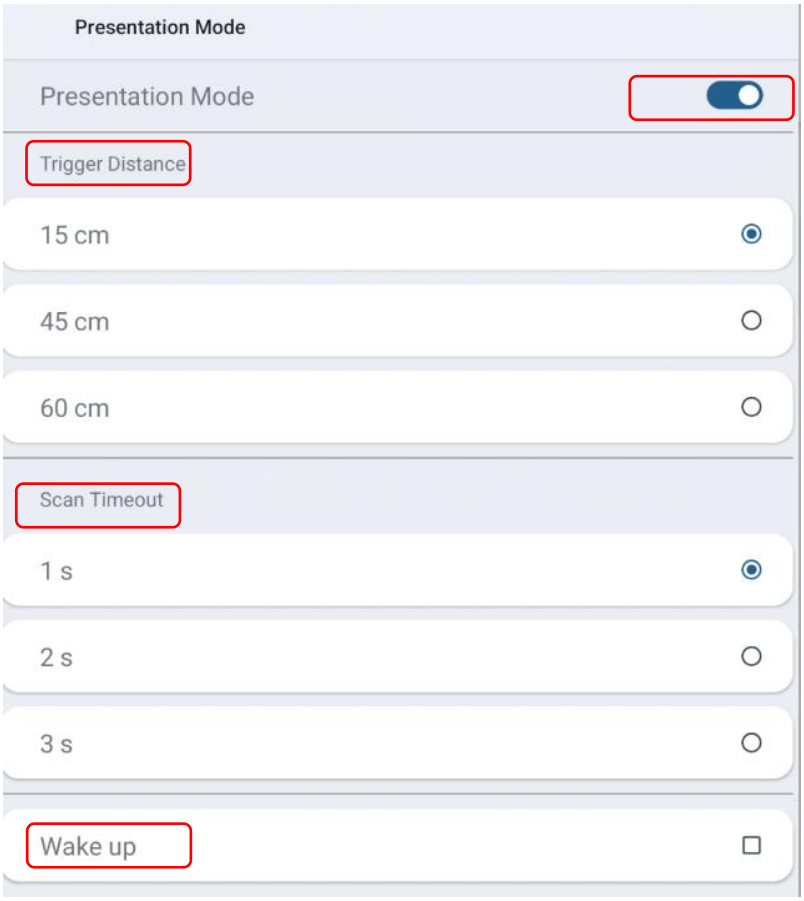


Presentation Mode



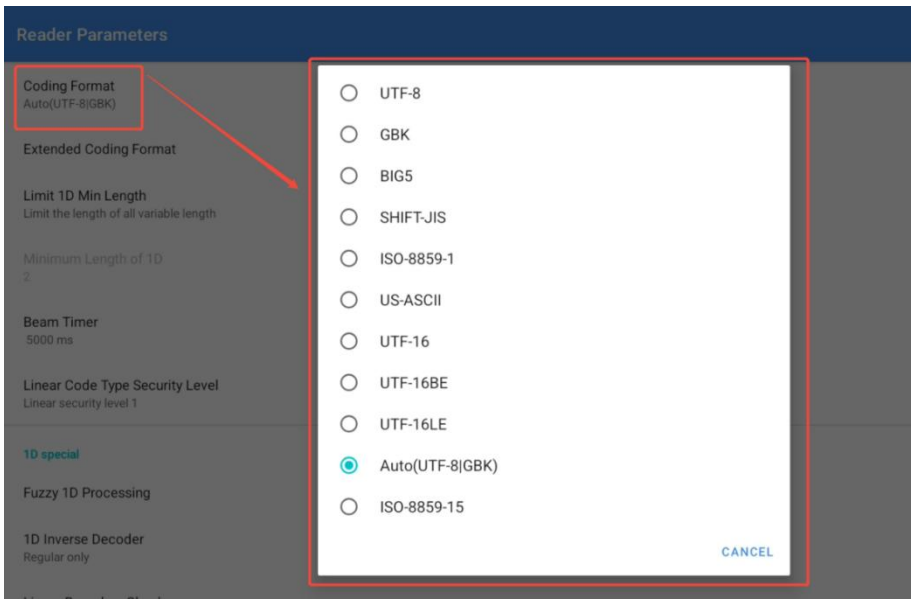
Presentation Mode is the automatic sensing scan trigger function powered by the ToF sensor. Follow the steps below to configure this feature:

1. Navigate to **Enterprise featured setting** and open **Presentation Mode**.
2. Turn on Presentation Mode to activate auto-sensing scan trigger.
3. Select **Trigger Distance**: choose 15 cm, 45 cm or 60 cm as the scan sensing distance.
4. Select **Scan Timeout**: choose 1 s, 2 s or 3 s as the scanning timeout period.
5. Tick or untick **Wake up** to turn screen wake-up on or off during scan triggering.



Reader Params

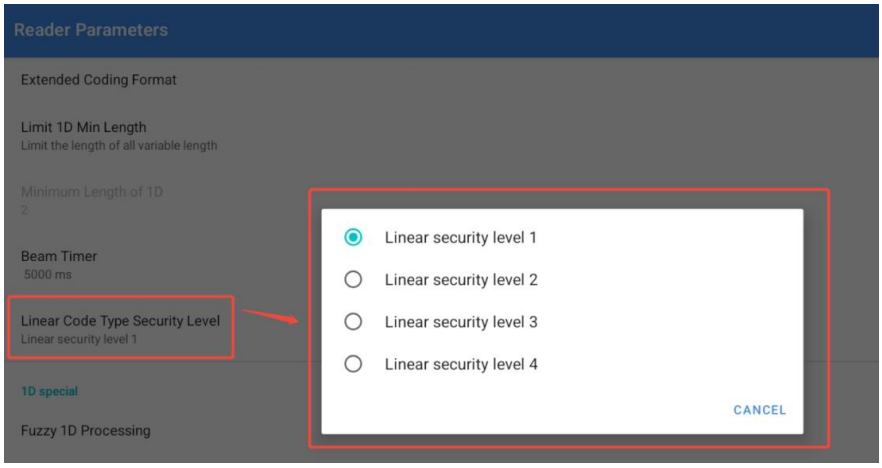
Coding format: The Chinese code type is UTF-8 by default. This option needs to correspond to the Chinese code type of 2D codes. Any mismatch between the two may lead to code garbling. Please use this function with care.



Beam timer – laser duration for failing in single scanning, range of 500-10000ms, 5000 ms by default;

Linear code type security level – set the check level to lower the error rate. The higher the level is, the more accurate it will be but the slower decoding per time will be;

Applications



Linear code type security level

Exposure Settings-Lights Configuration

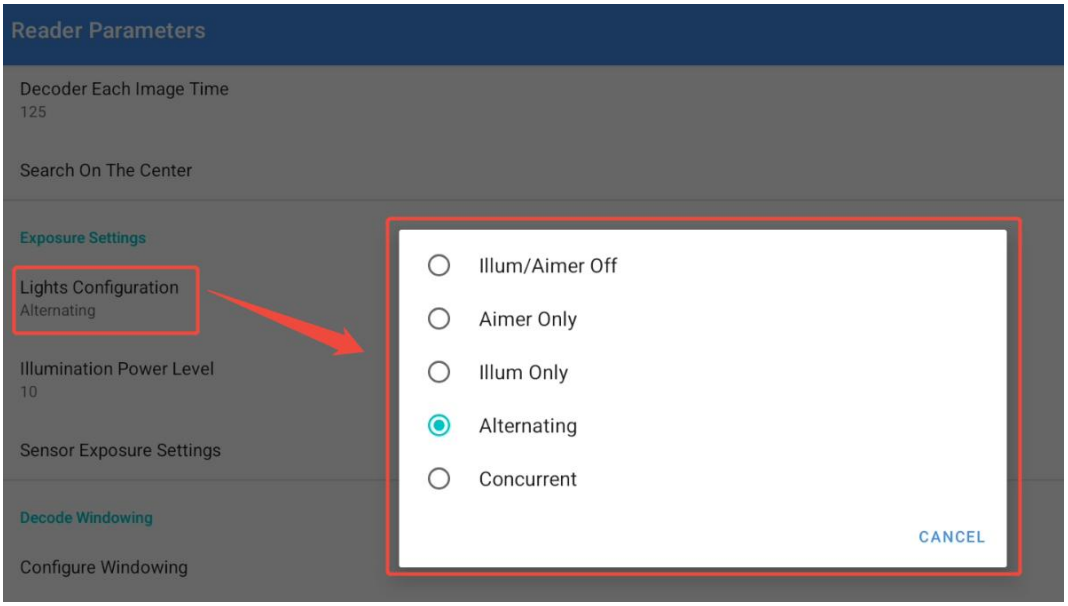
Illum/Aimer Off: turn off illumination / aimer light;

Aimer Only: turn on aim light only;

Illum Only: turn on illumination only;

Alternating: turn on illumination and aim light in alternation;

Concurrent: turn on illumination and aim light at the same time;



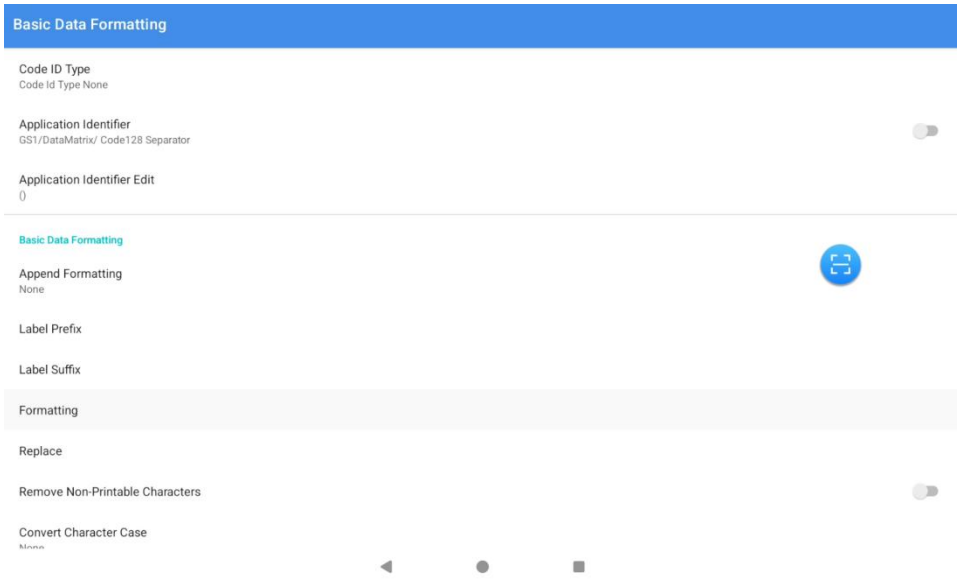
Lights Configuration

- ✓ **Exposure Mode:** auto/on. In the auto mode, the scanning engine may automatically regulate the exposure value; in the on mode, the exposure value can be set;

  Fixed Exposure: 1~900, The higher the value is, the brighter it will be;

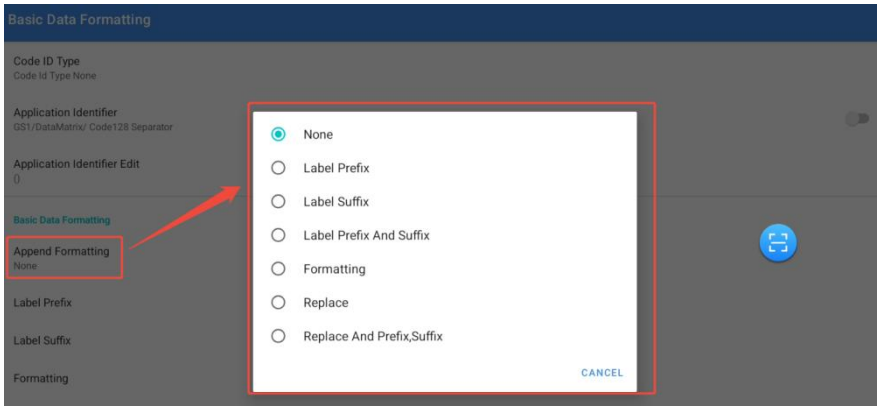
Basic data formatting

Upon access of bar codes, the system may be available for additional functions: Formatting, Prefix, Suffix, Formatting, Substitute, Delete Non-printing Control Character, App Identifier, or Code Id Type.



Basic data formatting

1. Tap Label Formatting and select the additional formatting type;

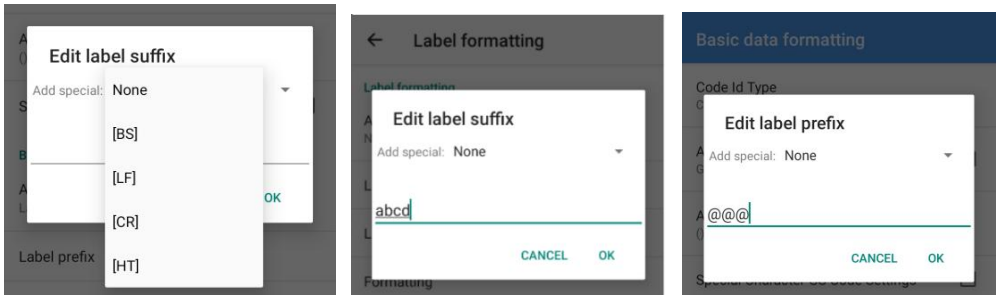


Append formatting settings

2. Suffix: select the mode and modify the suffix content, e.g., select [CR] which indicates enter;

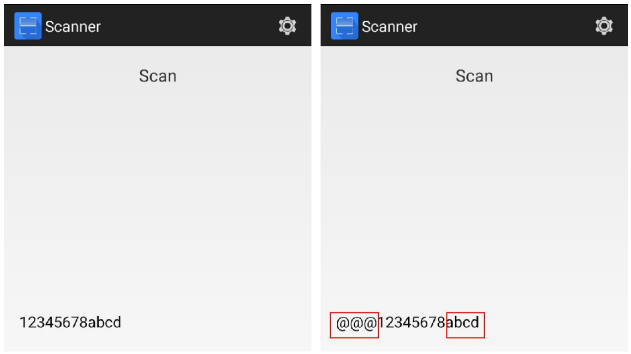
The same goes for prefix;

Applications



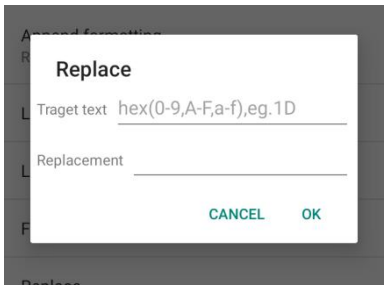
Edit Suffix/prefix

Select the default type from the drop-down list box or define any character as the prefix/suffix;



Edit Suffix/prefix

3. **Replace**: select the mode and modify the former character to be substituted and the substitute character and set the value of the substituted and that of substitute. The former character needs to be input in ASCII code (e.g., if the former character "1" needs to be substituted, enter its corresponding ASCII code value "31");



Edit Replace

4. Delete Non-printing Control Character: select the mode and delete any nondisplay character;
5. App Identifier: select the mode and add an app identifier to some bar codes, e.g., Code 128;
6. App Delimited Identifier: select the mode and set "()" as the app delimited identifier by default, which may be substituted by any other identifier;
7. Code Id Type: select the mode and add a Code Id (Code Id Type None, Code Id Type Aim (add an Aim in front bar codes) or Code Id Type Symbol (add an identifier in front of bar codes)) to some bar codes;

Chapter 5-Use the RFID

Upad is next-generation RFID module leverages cutting-edge radio frequency technology for seamless tag communication in diverse environments. The intelligent reader/writer module delivers exceptional performance with:

• RFID tag maximum read range of 1.5 m (4.92 feet).

• RFID read speed of 50 tags per second.

• RFID is disabled (default) and enabled/disabled via RFID SDK APIs.

• RFID and WWAN can co-exist.

Optimal Read Range

Each RFID reader operates within an effective detection zone based on tag type and environmental conditions. For best results:

- Adjust positioning—Move the reader closer or farther to establish the ideal read distance.
- Tag size matters—Larger tags typically require slightly greater separation.
- High-density tags perform better with closer proximity.

Antenna Orientation

Proper alignment ensures consistent tag communication:

- Avoid signal interference—Position the reader antenna at an angle to prevent signal reflection.
- Moderate tilt recommended—Extreme angles may weaken signal strength, while a 15-30° tilt often improves detection.
- Environmental awareness—Metal surfaces and liquids may require adjusted positioning.

Performance Tips

- Movement control: Slow, steady motions improve read rates during inventory scans.
- Tag placement: Ensure tags are affixed to flat, non-metallic surfaces when possible.
- Interference mitigation: Distance the reader from other RF sources (Wi-Fi, Bluetooth) when high-priority scanning is required.

By adjusting distance and angle, you can achieve fast, reliable scans in any environment.

IMPORTANT: For optimal RFID performance, avoid placing hands and fingers on the RFID antenna.

Chapter 6-Use the Camera

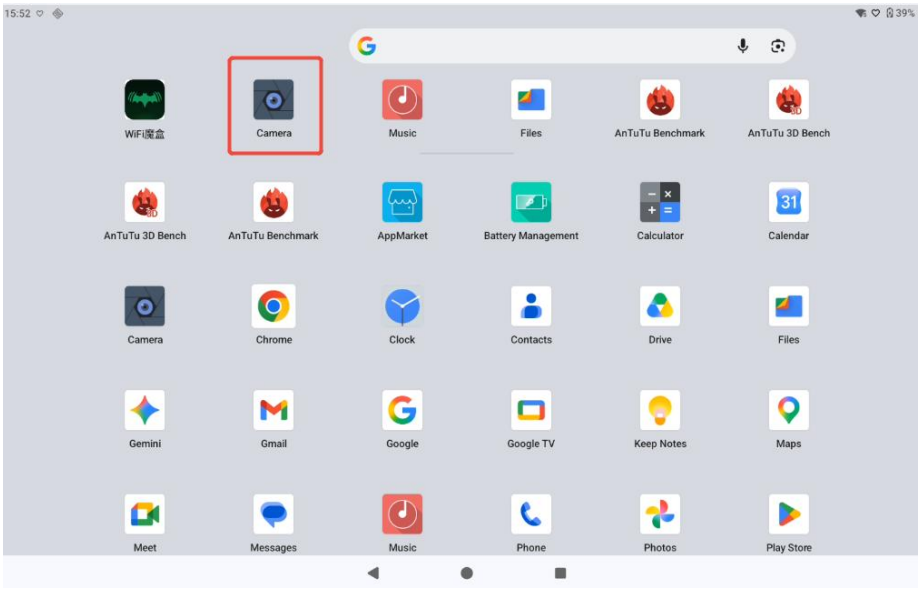
Take a Photo or Video with the Camera

1. Click the Camera icon  in the favorites tray on the Home Screen.

2. Select  to switch between the front and rear camera.

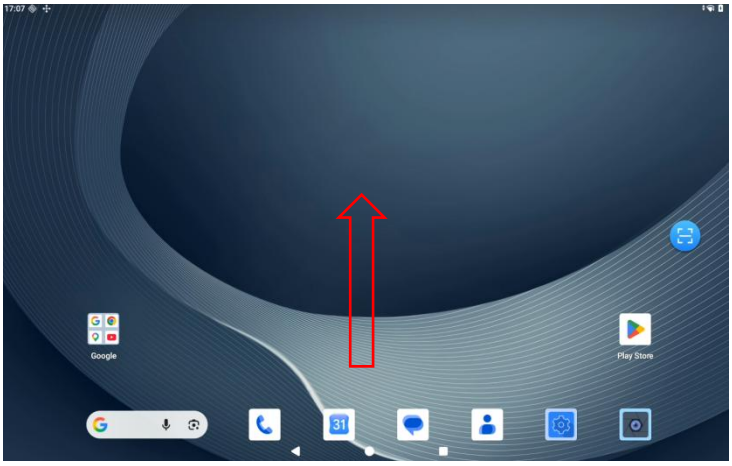
3. Click Photo, ProMode (to manually control setting for ISO, exposure, white balance, and focus), video or HFR(to use a higher frame rate).

4. Click  or the volume button to take a photo.

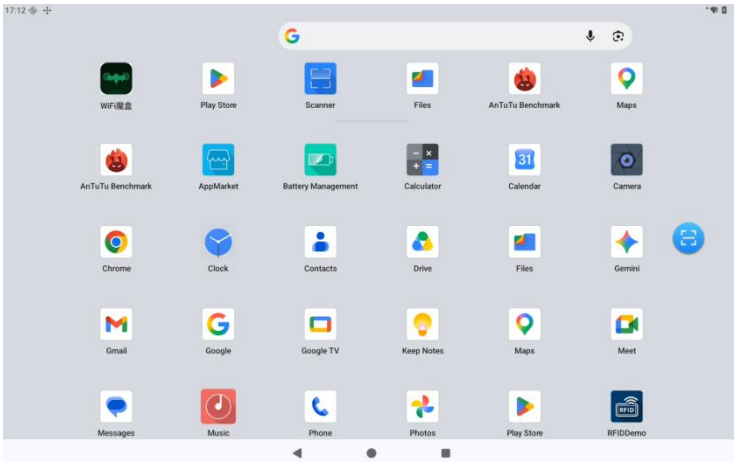


Chapter 7-Application

Application Window



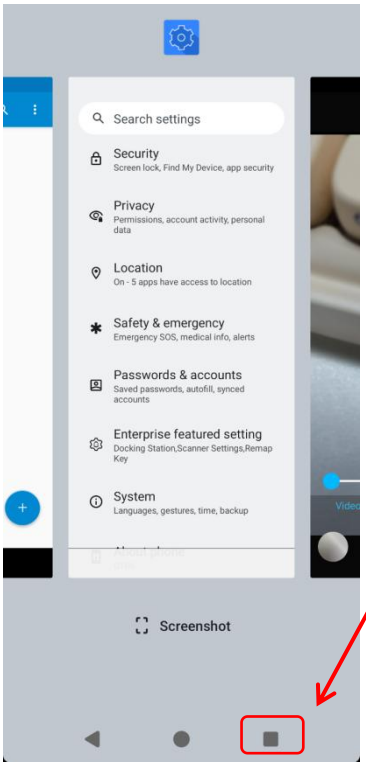
On the Home screen, swipe up from the bottom of the screen.



Applications Window

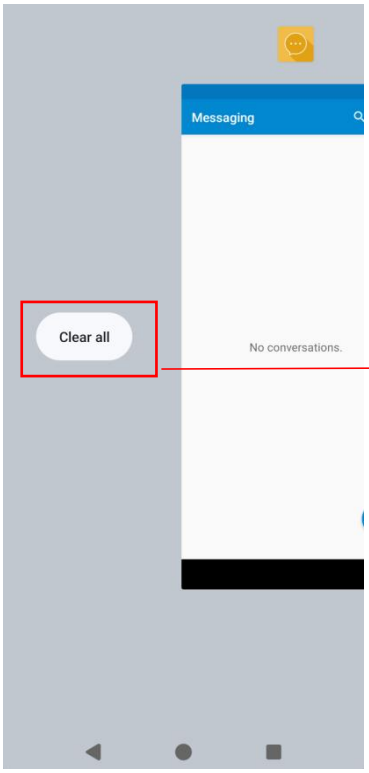
Slide the APPS window up or down to view more app icons. Touch an icon to open the app.

Switching Between Recent Apps



To switch between recent apps:

1. Touch  . A window appears on the screen with icons of recently used apps.
2. Slide the apps displayed left and right to view all recently used apps.
3. Swipe up to remove app from the list and force close the app.
4. Touch the software page to open the application and touch the blank area to return to the current screen.

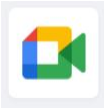


Click here to clear all background apps.

Apps Icon

Icon	Description
	**App Market-** Download apps defined in the cloud management platform.
	**Calculator-** Provide basic and scientific calculating functions.
	**Calendar-** View and manage calendar events.
	**Camera-** Take photos and record videos.
	**Chrome-** Access the network.
	**Clock-** Set the alarm and timer.
	**Contacts-** Manage contact information.
	**Drive-** Allows offline access to users' files stored and share them with others.
	**DUO-** For video calls.
	**Enterprise Launcher-** Restricts access to programs and settings on the device, enabling control of the device and simplifying the enterprise desktop.
	**Files-** List all the files downloaded from the device.

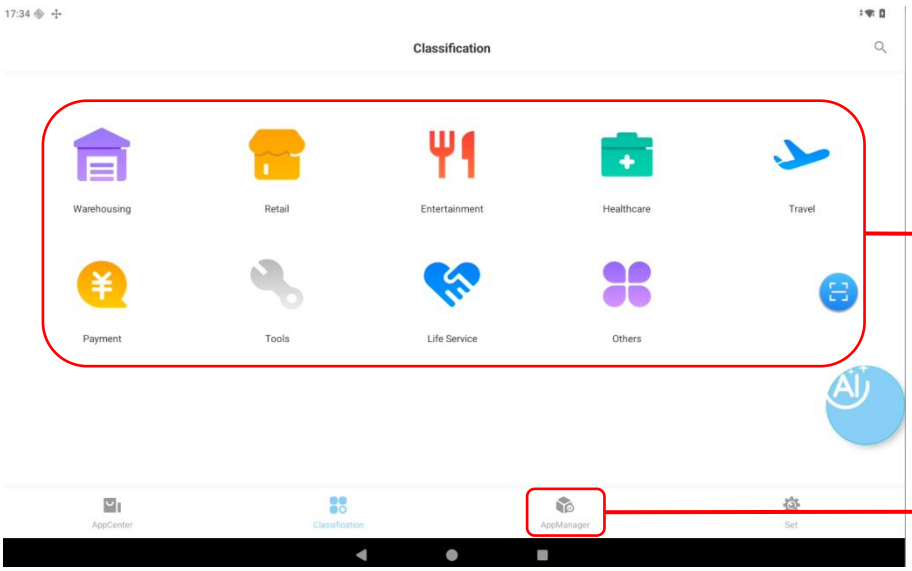
Applications

	**Gmail-** Receive and send e-mails.
	**Google-** Access the network.
	**Google TV-** Allows users to browse, download and use applications published by Google.
	**Keep Notes-** For easy creation of articles, pictures, voice notes, and timely uploading to the cloud for saving.
	**Maps**- Browse maps, search for locations, check bus and car routes, and view real-time traffic status.
	**Meet**- High quality video calling with Google Meet.
	**Messaging-** Receive and send SMS and MMS.
	**Phone-** Dial a phone number for voice communications.
	**Photos-** View or edit photos in the device.
	**Play Store**- Used to find the latest Android apps, games, movies and more.
	**Scanner-** Test the engine module of scanner, Images can be displayed in real time.
	**Scanner-** Test the engine module of scanner.
	**ScanWedge-** Allows to modify the default settings for scanning and to create new scan settings to be applied to custom software.

Applications

	**Settings-** Use to **c**onfigure the device.
	**U Stage-** Provides enterprise IT administrators and agents with quick device configuration synchronization
	**WIFI Diagnosis-** Real-time analysis and troubleshooting of WiFi to pinpoint problems
	**YouTube-** Used to download, watch and share videos or clips.
	**YT Music-** Used to play audio files from this unit or stored in Micro SD Card.

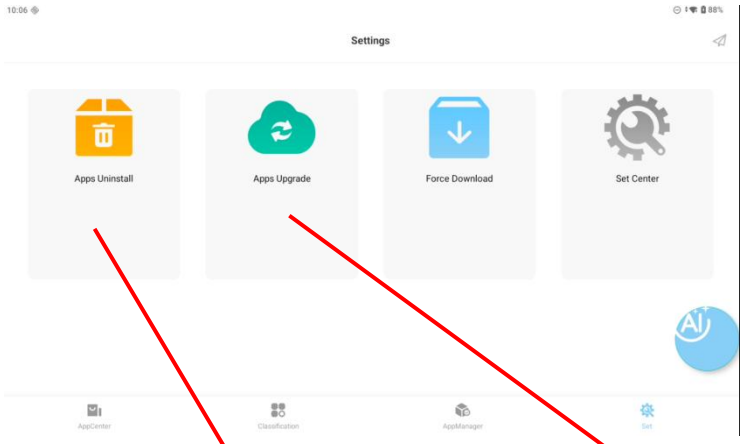
App Market



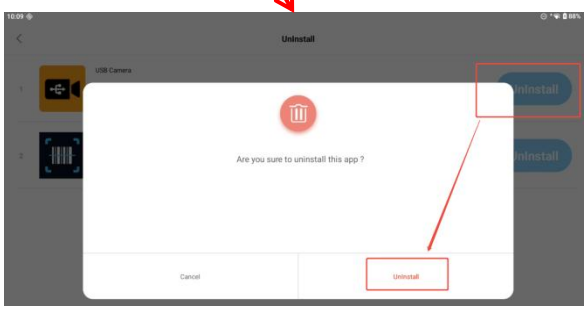
App Market - Classification Search application.

Classification-Click the type of APP you want to download.

View the downloading and installed

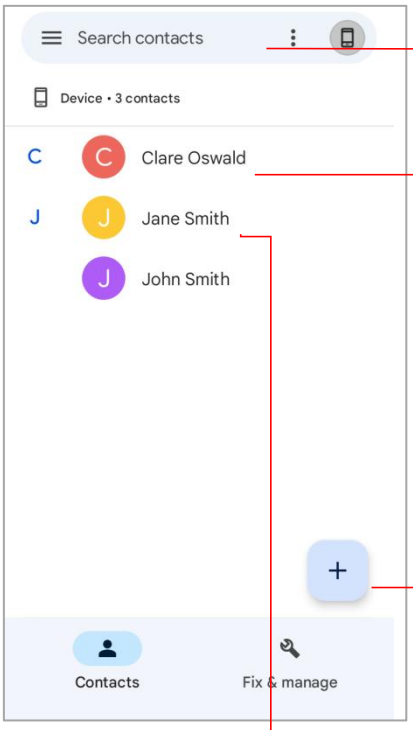


App Market - Set



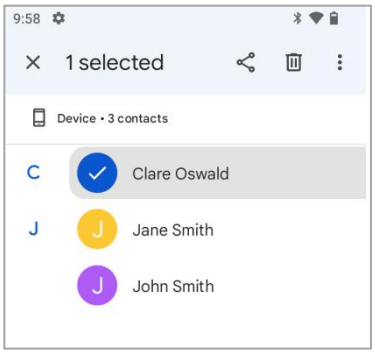
Displays upgradable applications.

Contacts

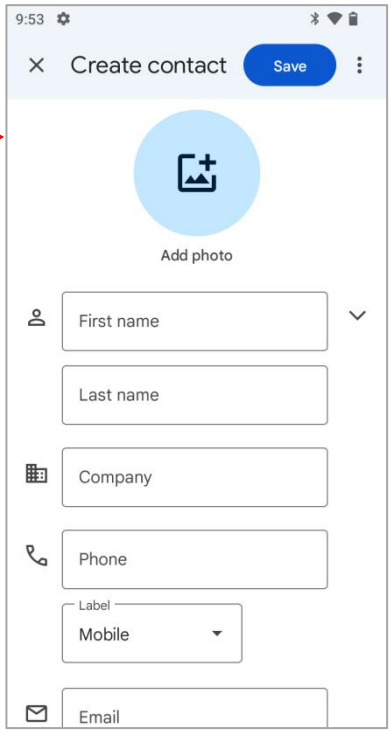


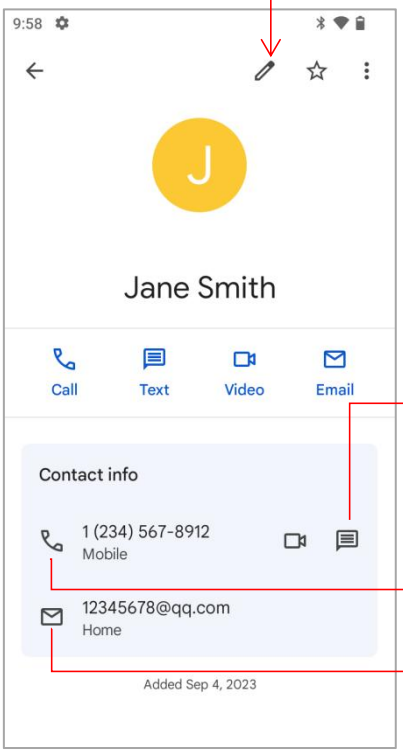
Search for contacts.

Long press a contact to share or delete it.



Create a new contact.



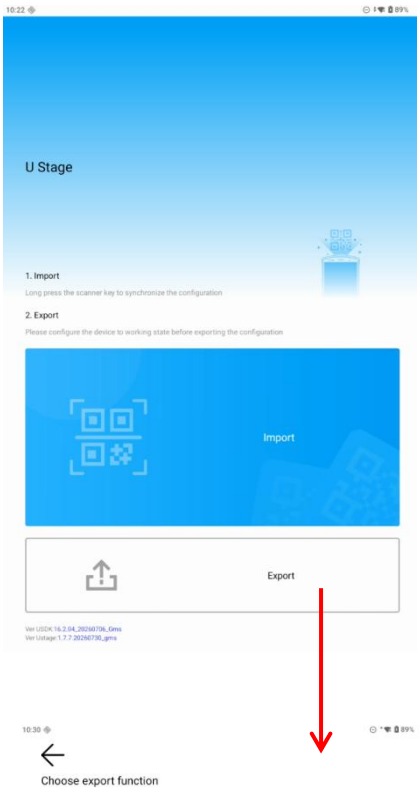


Send a message to the contact.

Make a call to the contact person.

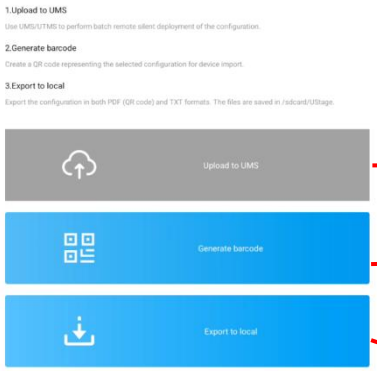
Send an email to the contact.

U stage



U Stage provides enterprise IT administrators and agents with quick device configuration synchronization.

After the first device is configured according to enterprise requirements, other devices can be configured synchronously in a simple way, thus making mass devices reach their working state simply and quickly, facilitating enterprise control, and reducing the errors of human configuration.



Choose Export function

Upload the configuration file to UMS, then push to devices group.

Create a barcode, and the new device scans it to complete the synchronization configuration.

Export the configuration file locally.

Chapter 8-Maintenance and Troubleshooting

Maintenance Equipment

For trouble-free service, observe the following tips when using the Upad:

• Do not scratch the screen of the Upad.

• The touch-sensitive screen of the Upad is glass. Do not drop the Upad or subject it to strong impact.

• Protect the Upad from temperature extremes. Do not leave it on the dashboard of a car on a hot day, and keep it away from heat sources.

• Do not store or use the Upad in any location that is dusty, damp, or wet.

• Use a soft lens cloth to clean the Upad. If the surface of the screen becomes soiled, clean it with a soft cloth moistened with a diluted window-cleaning solution.

Long-Term Storage

When storing the device for long periods of time, ensure that the battery has at least 50% charge and is stored at -40~70°C.

Cleaning Instructions

Do not apply the liquid directly to the device. Dampen a soft cloth or use pre-moistened wipes. Do not wrap the device in the cloth or wipe, but gently wipe the unit. Be careful not to let liquid pool around the display window or other places. Allow the unit to air dry before use.

Cleaning Equipment

Cleaning Materials Required

Alcohol wipes, Lens tissue, Cotton-tipped applicators, Isopropyl alcohol, Can of compressed air with a tube.

Cleaning Frequency

Because mobile devices are used in different environments, the frequency of cleaning is determined by the user. Customers can decide how often to clean as needed. However, if used in a dirty environment, it is recommended to clean the camera window regularly for optimal performance.

Cleaning the Upad

Housing: Using the alcohol wipes, wipe the housing including the buttons.

Display: The display can be wiped down with alcohol wipes, but care should be taken not to allow any pooling of liquid around the edges of the display. Immediately dry the display with a soft, non-abrasive cloth to prevent streaking.

Camera and Exit Window: Wipe the camera and exit window periodically with lens tissue or other material suitable for cleaning optical material such as eyeglasses.

Connector Cleaning:

1. Connector Cleaning;
2. Dip the cotton portion of the cotton-tipped applicator in isopropyl alcohol.
3. Rub the cotton portion of the cotton-tipped applicator back and forth across the connector. Do not leave any cotton residue on the connector.
4. Repeat at least three times.
5. Use the cotton-tipped applicator dipped in alcohol to remove any grease and dirt near the connector area.
6. Use a dry cotton-tipped applicator and repeat steps 4 through 6.
7. Spray compressed air on the connector area by pointing the tube/nozzle about ½ inch away from the surface.
8. Inspect the area for any grease or dirt, repeat if required.

Cleaning Cradle Connectors:

1. Remove the DC power cable from the cradle.
2. Dip the cotton portion of the cotton-tipped applicator in isopropyl alcohol.
3. Rub the cotton portion of the cotton-tipped applicator along the pins of the connector. Slowly move the applicator back and forth from one side of the connector to the other. Do not leave any cotton residue on the connector.
4. All sides of the connector should also be rubbed with the cotton-tipped applicator.
5. Spray compressed air in the connector area by pointing the tube/nozzle about ½ inch away from the surface.
6. Remove any lint left by the cotton-tipped applicator.
7. If grease and other dirt can be found on other areas of the cradle, use a lint-free cloth and alcohol to remove them.
8. Allow at least 10 to 30 minutes (depending on ambient temperature and humidity) for the alcohol to air dry before applying power to cradle. If the temperature is low and humidity is high, a longer drying time is required. Warm temperature and dry humidity require less drying time.

Troubleshooting

The following tables provides typical problems that might arise and the solution for correcting the problem.

Problem	Reason	Solution
Press the power key but Upad does not work.	The battery is not charged.	Charge the battery.
	The system crashes.	Execute resetting.
The battery is not charged	The battery breaks down.	Replace the battery.
	The battery's temperature is exceptional.	Contact for technical support.

During data communication via Wi-Fi, no data are transferred or not all data are transferred.	Wi-Fi communication is not enabled.	Enable Wi-Fi communication.
	The device is out of the range of the access point.	Move closer to the access point.
During data communication via Bluetooth, no data are transferred or not all data are transferred.	Bluetooth communication is not enabled.	Turn on Bluetooth communication.
	The device is out of the signal range of another Bluetooth device.	Move within 10m (32.8ft) range of another device.
No sound.	Volume setting is too low or turned off.	Adjust volume.
Upad is off.	Upad is at inactive state.	Not use for a while, the display will automatically turn off. Set the duration to be longer, such as 15 s, 30 s, 1 min, 2 min, 5 min, 10 min or 30 min.
	The battery is depleted.	Charge the battery.
Tapping a window button or icon but fail to trigger the corresponding function.	The device does not respond.	Reset the device.
A message pops up, indicating that Upad's storage is full.	Too many files are saved in Upad.	Delete unused memos and records. If necessary, save such records in the host (or use SD Card as additional memory).
	Too many apps are installed in Upad.	Uninstall unused apps in Upad to recover storage capacity.
Upad fails to decode while reading a bar Code.	The bar code is unreadable.	Check the barcode is not damaged.
	The distance between the laser scanning window and bar code is wrong.	Put Upad within proper scanning range.
	The bar code type is not checked, or bar code length is wrong.	Set Upad to accept the scanned bar code type.

	Battery low.	If the scanner stops emitting a laser beam upon a trigger press, check the battery level. When the battery is low, the scanner shuts off before the Upad low battery condition notification. Note: If the scanner is still not reading symbols, contact the distributor or the Global Customer Support Center.
Cannot unlock Upad	User enters incorrect password.	If the user enters an incorrect password eight times, the user is requested to enter a code before trying again. If the user forgot the password, contact system administrator.
Upad cannot find any Bluetooth devices nearby.	Too far from other Bluetooth devices.	Move closer to the other Bluetooth device(s), within a range of 10 meters (32.8 feet).
	The Bluetooth device(s) nearby are not turned on.	Turn on the Bluetooth device(s) to find.
	The Bluetooth device(s) are not in discoverable mode.	Set the Bluetooth device(s) to discoverable mode.

About a Factory Reset

You can securely erase all your information, content, and settings in internal shared storage and the IPSM card storage locations on the device. When you erase your device it's restored to factory settings.



Caution: Before you start, suggest backing up your data so you can restore your them later on a different device.

- If you have an eSIM, you can choose to erase your eSIM or keep it. If you erase your eSIM, you need to contact your carrier to reactivate your cellular plan. (eSIM is not available on all models or in all countries and regions).
- If you added a Google Account to the device, make sure you have your Google username and password, otherwise you are unable to use the device after the reset. Perform the factory reset after 24 hours if you recently reset your Google Account password.

Software Downloads

Urovo softwares， including OS, SDK and Urovo Enterprise Enabler Apps, are available online through partner portal: https://file.en.urovo.com/ You need to create a log-in account for portal access if you have not created one.

Precautions

1. Read all information in this guide before using the device to ensure safe and proper operation.

2. Please use the accessories that have been approved by this manufacturer and correspond to this model. Use of any power source, charger, battery, etc. that has not been approved by this manufacturer may cause a fire, explosion, or other hazards.

3. Please use device and accessories within the specified temperature range. Equipment failure may occur when the ambient temperature is too high or too low.

4. Do not disassemble the product and its accessories. If the equipment or any of its components are not working properly, consult the after-sales service of the company promptly, or send the equipment to the after-sales service outlet for testing and maintenance.

5. The battery is made from a flammable and explosive material. Do not disassemble, squeeze, drop and make any other destructive operations on the battery. Do not place the battery in high temperatures.

6. Disposal of used batteries is subject to local relevant documents or policies regarding disposal of used batteries.

7. The Upad contain one or more lasers, can only be serviced by Urovo or an authorized service provider to avoid damage that could result in hazardous exposure to infrared laser emissions.

Warranty Policy

Thank you for using Urovo intelligent terminal series products. In the situation of quality problems, which arise from raw materials or production processes, during normal use of purchased products, Urovo PTE. LIMITED. will be responsible for free maintenance within one year from the date of purchase.

The company may provide repairs due to the user's failure to use the product according to the provided instructions of the product. However, corresponding service fee and component fee will be charged.

Warranty regulations:

1. Under normal circumstances, the warranty period of the device is 12 months (3 months for accessories), subject to the sales agreement.

2. During the product warranty period, under the normal use conditions (determined by our technical staff), the user will be entitled to a free warranty for damaged or faulty warranty parts.

3. During the warranty period, faults caused by repair, disassembly or modification of the product by a personnel other than our company, improper installation, improper use by the user (failure to follow instructions), serial number damage, accident or natural disaster, will not be covered under the warranty.

4. The warranty will expire immediately if any alterations are made to the warranty card.

5. Please show the equipment SN and purchase certificate for repair. The company reserves the right to interpret the above contents.

Developer Information

To get developer information, you can go to the Technical Support Developer Doc at https://www.urovo.com/developer/index.html

Label Locations

You can find device compliance information, model number, serial number, IMEI number on the labels inside the battery compartment. Laser safety labeling is located on the back of the device.

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