



Mobile Computer

CT48

User Guide



UROVO TECHNOLOGY CO., LTD.

Contents

About the Guide	5
Introduction	5
Service information	5
Unpacking	6
Getting Started	7
Major Parts	7
Accessories	8
Install/replace Battery	10
Installing SD/SIM Card	12
Charging The Device	14
Charging Precautions	15
Turn On/Off CT48	16
Using The Device	1
Un - Locking the Screen	1
Home Screen	15
Status Icons	16
Notification Icons	17
Quick Access Panel	18
Edit Quick Settings Panel	19
Remove The Application From The Home Screen Or Create A Folder ...	20
Add Widgets To The Home Screen	21
Home Settings+Wallpapers	22
Device Setting	23
Access Device Settings	23
Device Settings	24
Network & internet	26
Network details	27

Contents

Hotspot & tethering	28
Bluetooth Setting	29
Apps	30
Notifications	31
Battery	32
Storage	33
Sound	34
Display	35
Security	36
Privacy	37
Location	38
Passwords & accounts	39
System	40
Language & input	41
Data & time	42
Scanner Settings	43
ScanWedge Profiles	44
Feature Settings	45
Remap Key	46
Docking Station	47
Application	48
Application Window	48
Switching Between Recent Apps	49
Apps Icon	50
App Market	53
Contacts	54
Enterprise Launcher	55
U stage	56
Maintenance and Troubleshooting	57

Contents

Maintenance Equipment.....	57
Cleaning Equipment.....	58
Troubleshooting.....	60
Precautions.....	62
Warranty Policy.....	63

About the Guide

Introduction

This Guide offers information on the usage of CT48 mobile computer 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 Technology Co., Ltd. (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-

Equipment Specification
System-About Phone"

Thanks for your cooperation!

Provision of document feedback

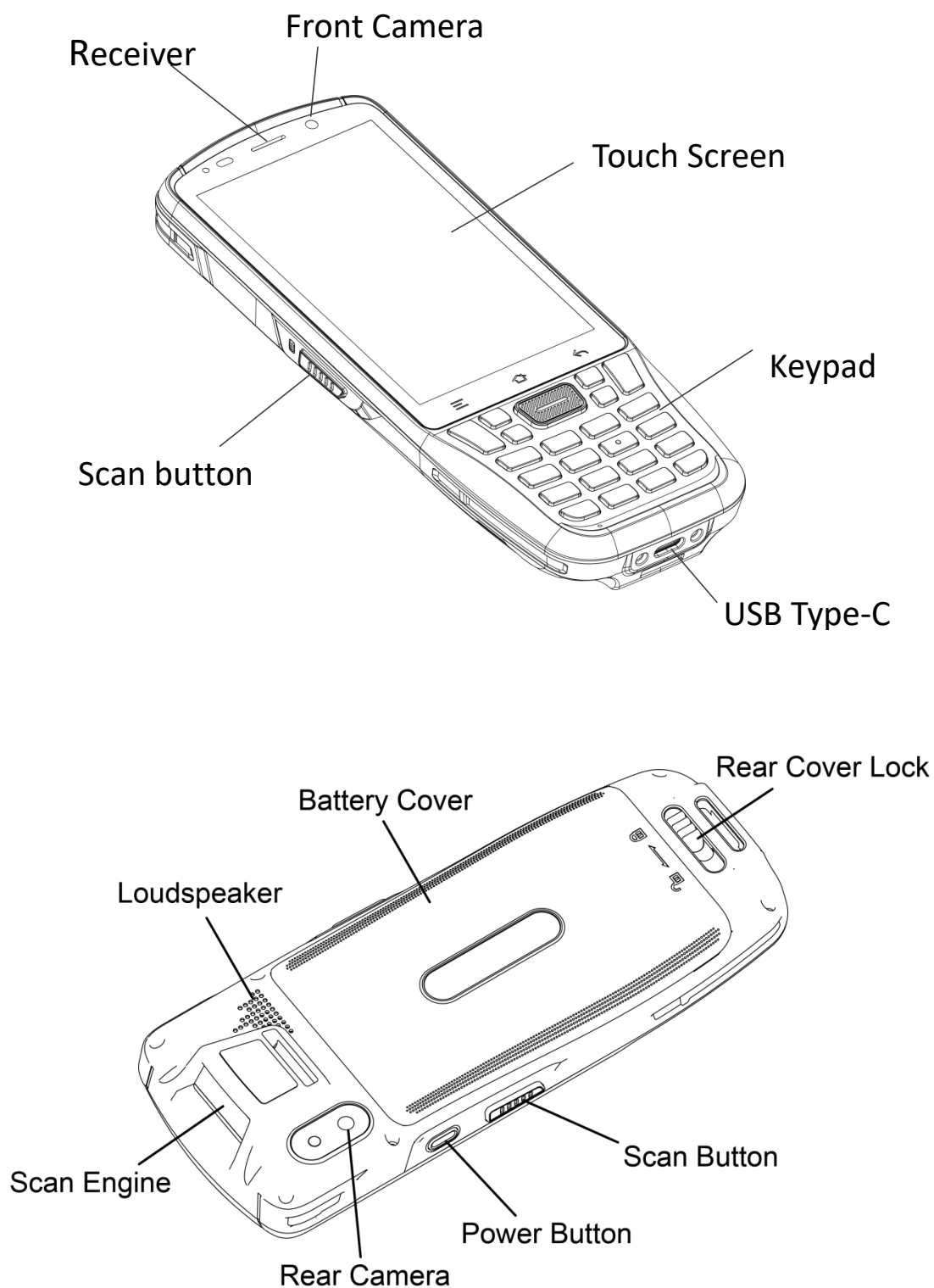
If you have any comment, question or advice on this Guide, please e-mail to tech@urovo.com 或 service@urovo.com

Unpacking

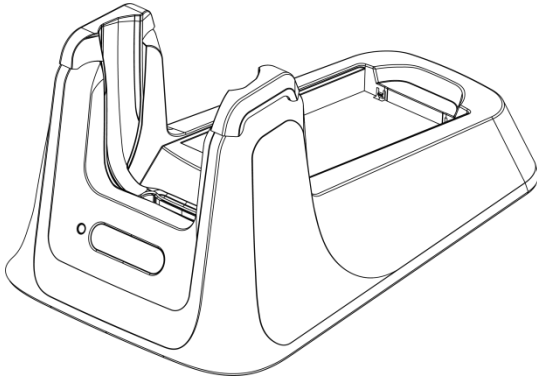
1. Please carefully remove all the protective materials around CT48 and keep the device case for storing and transporting the device in the future.
2. Please check the following elements:
 - CT48 intelligent terminal×1
 - Adapter×1
 - USB cable×1
 - Quick start guide×1
3. Inspect the device for damage. 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.

Getting Started

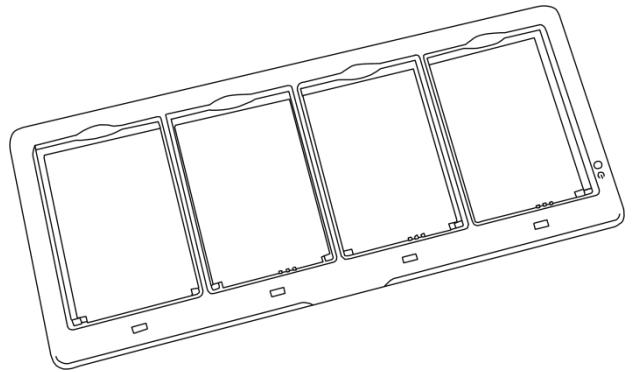
Major Parts



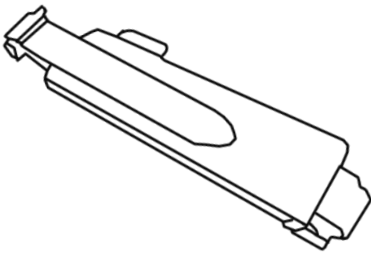
Accessories



Single Charging Cradle



4-Slot Battery Charging Cradle

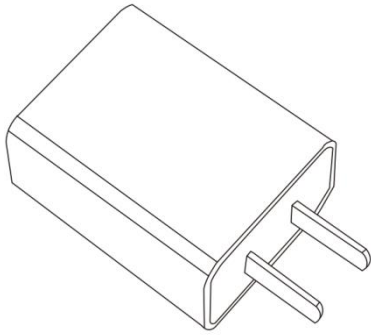


Hand Strap

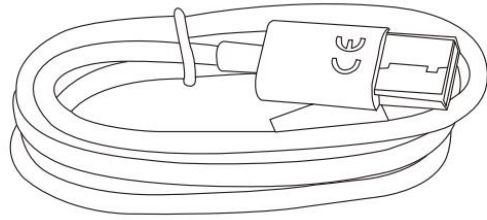


Screen Protector

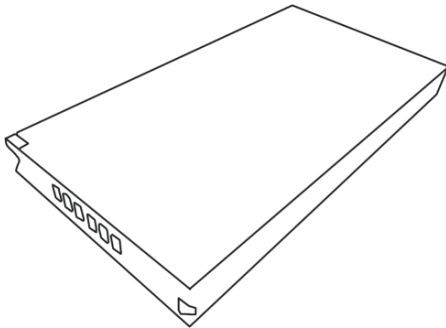
Getting Started



Adapter



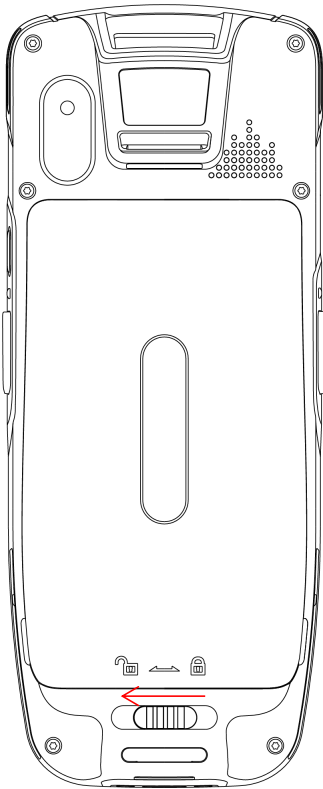
USB cable



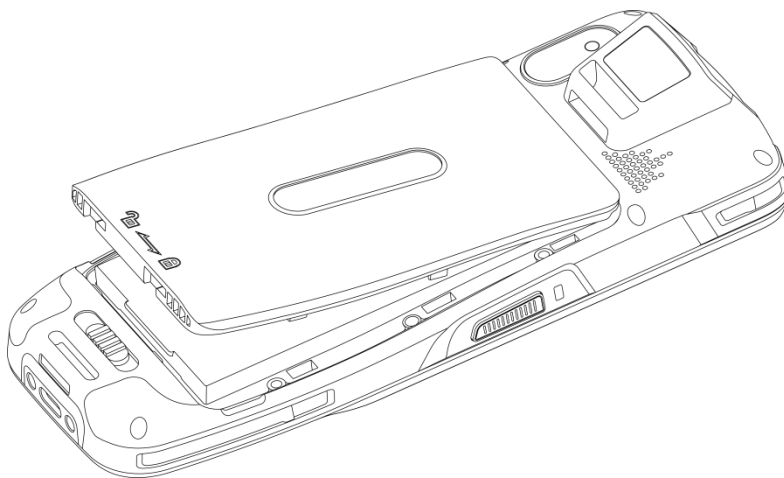
Battery(5000mAh)

Install/replace Battery

1. Slide the rear cover lock to the left.

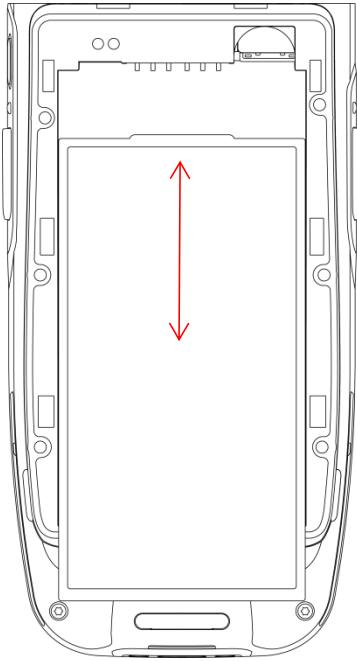


2. Remove the battery cover.



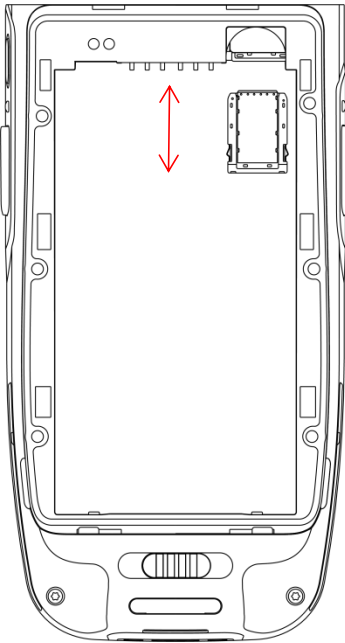
Getting Started

3. Install/replace battery. Place the back cover fully, then push the lock buckle to the right.

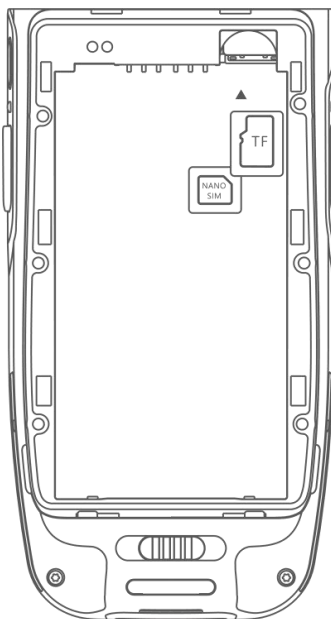


Installing SD/SIM Card

1. Remove the battery cover and battery.
2. Pull out the SIM card slot. Place the Nano-SIM card into the respective slot, then push the card slot in completely.

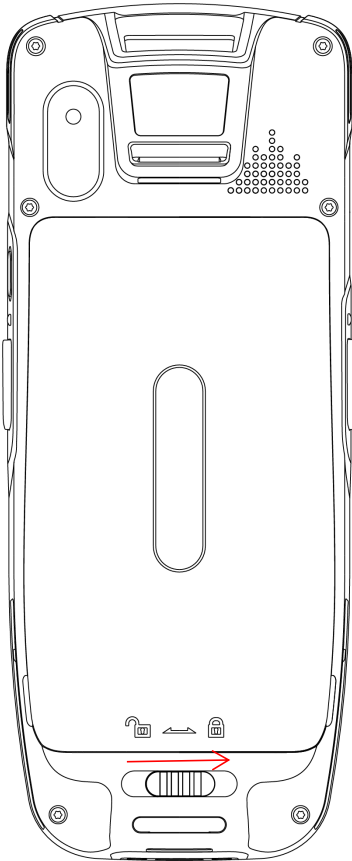


3. The TF card can be inserted directly in the direction indicated above the card slot.



Getting Started

4. Install the battery. Place the back cover fully, then push the lock buckle to the right.

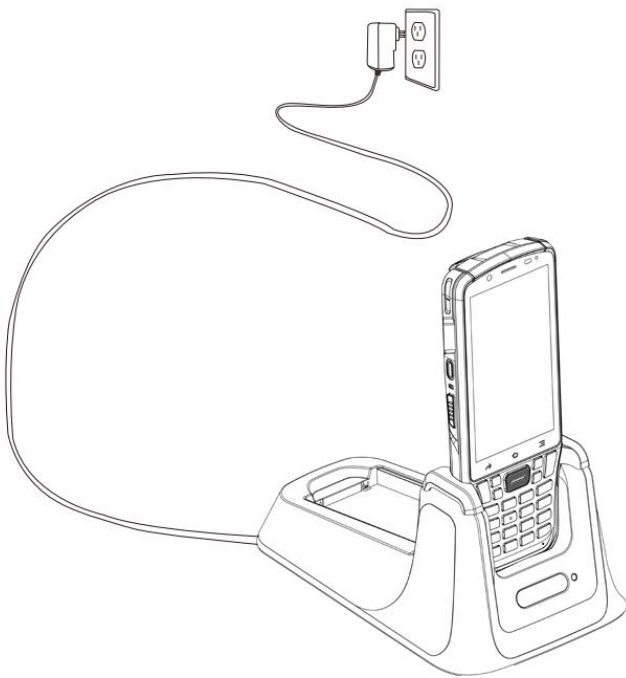


Charging The Device

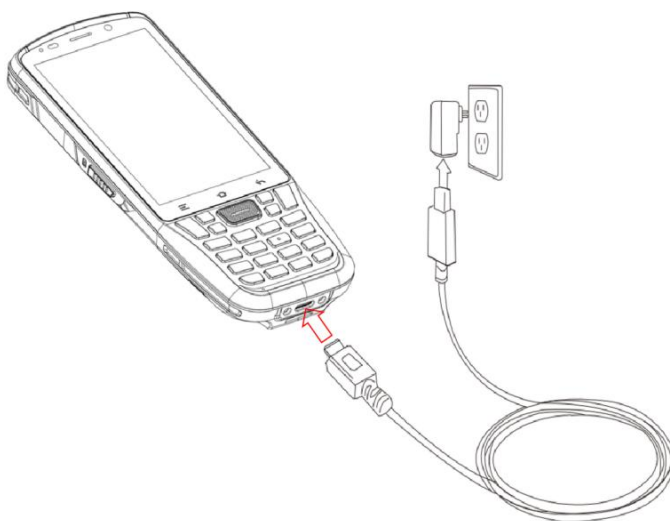
To charge the main battery:

1. Connect the charging accessory to the appropriate power source;
2. Insert the CT48 into a cradle or attach to a cable. The CT48 turns on and begins charging. The Charging/Notification LED red then turns green when fully charged.

Charging With Cradle



Charging with USB Cable



Charging Precautions

1. Please do not use or charge the device in any environment with too high or low temperature;
2. Please charge the battery with the product's charger in standard configuration or desktop charger only;
3. If the device (including the battery) is not used for the moment, please separately store the battery and device and pack them in PE bags or other insulated bags in the original package in case they become damp or contact with other electronic devices.
Do not store the unpacked battery in a stack;
4. Please do not idle the device for over 3 months; be sure to charge and discharge the battery not used for the moment once per 3 months, where the stored battery should be 60% ~ 70% charged (i.e., 3.8V ~ 3.9V);
5. The lithium battery should be stored somewhere cool, dry and ventilated. It is advised to be stored in a 0 ~ 28°C environment.

Charging Indicators:

State	LED	Indication
Off		CT48 is not charging. CT48 is not inserted correctly in the cradle or connected to a power source. The charger/cradle is not powered
Long red light		CT48 is charging
Long green light		Charging complete

Turn On/Off CT48

Turn On

1. In the shutdown of long press the "power key";
2. When CT48 goes into startup mode, it vibrates;
3. Release the "Power Key" and wait until CT48 finish booting.

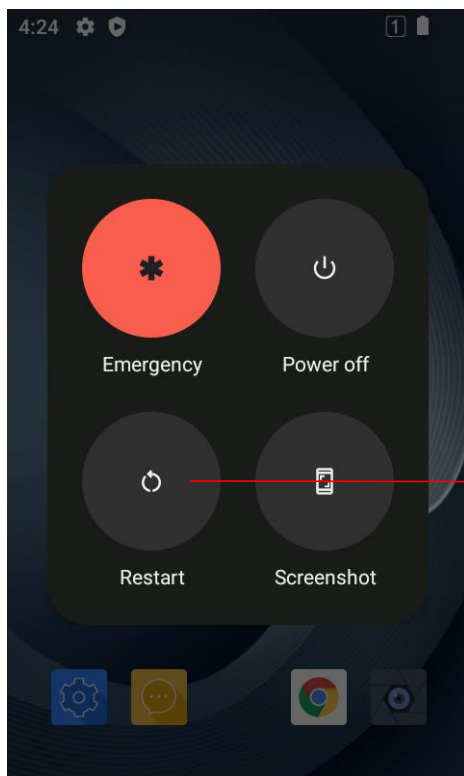


If you cannot turn on your CT48, try the below steps:

1. To turn on CT48, the battery needs to be charged certain level, Please charge first;
2. Press and hold the "power key" for over 10 seconds to force reboot.

Turn Off

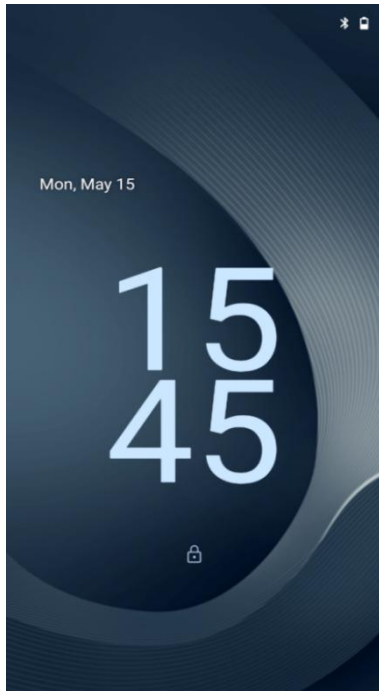
Press the power button for a long time in the power-on state until the shutdown prompt appears. Click "Power off".



Touch to restart the device.

Using The Device

Un - Locking the Screen



Lock Screen

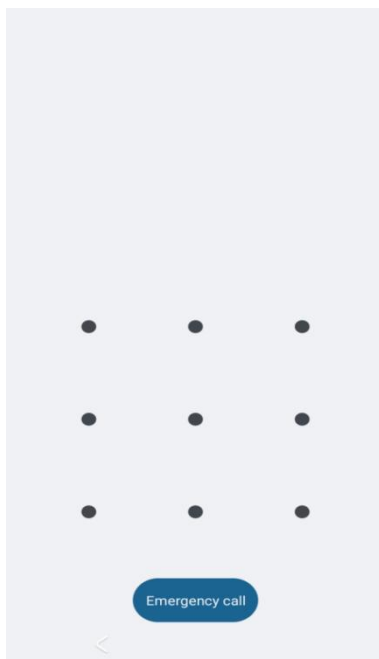
Setting Method:

Open "Settings-Security-Screen lock".

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

When locked, a pattern, PIN, or password is required to unlock the device. Press the Power button to lock the screen. The device also locks after a pre-defined time-out. Press and release the Power button to wake the device. The Lock screen displays.

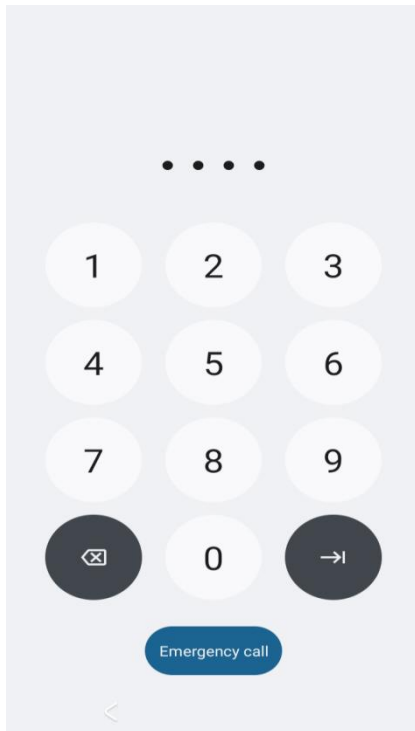
Swipe the screen up to unlock. If the Pattern screen unlock feature is enabled, the Pattern screen appears instead of the Lock screen. If the PIN or Password screen unlock feature is enabled, enter the PIN or password after unlocking the screen.



Pattern Screen

Unlock with pattern.

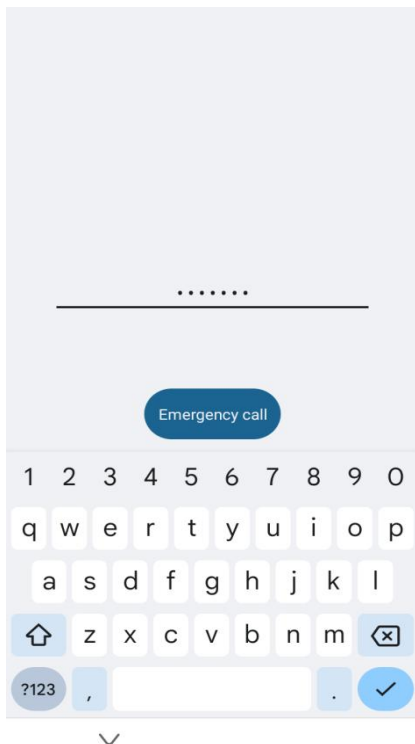
Un - Locking the Screen



PIN Screen

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

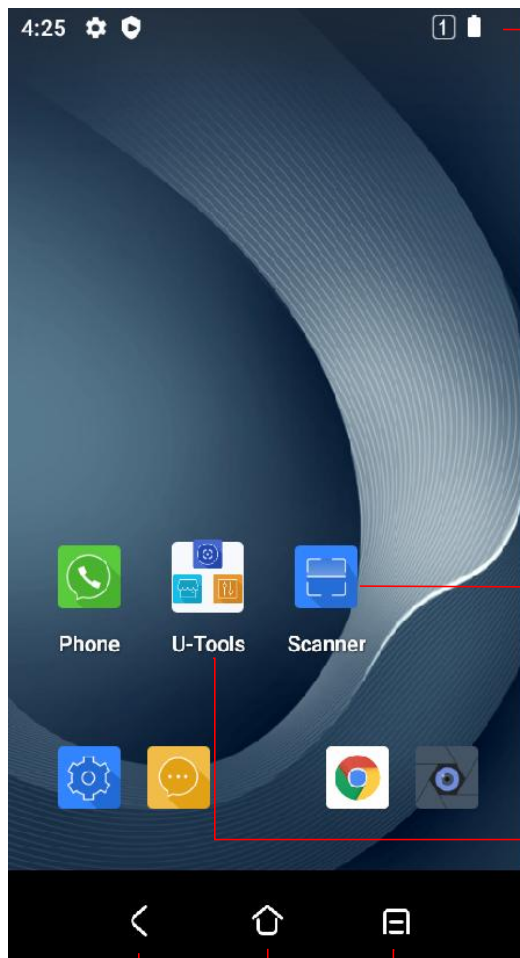
If the user forgets the PIN, password or pattern contact the system administrator.



Password Screen

Unlock with a password.

Home Screen



Status Bar

Displays the time, status icons , and notification icons.

Application

Click on an icon to run an application.

Folder

Contains apps.

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.

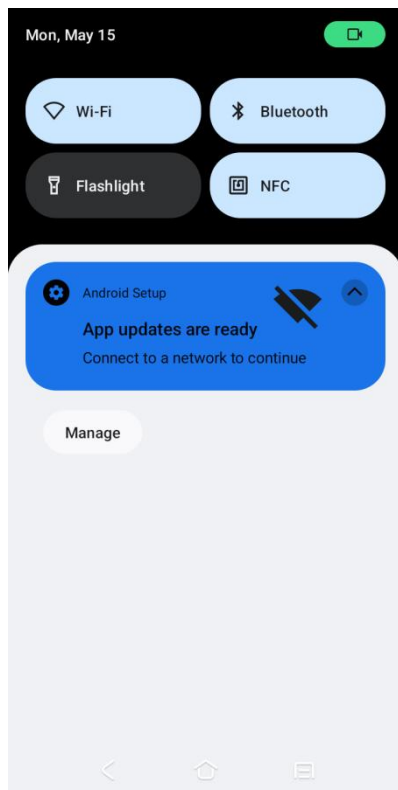
Status Icons

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.
	Connected to a 4G LTE/LTE-CA network ¹ .
	Roaming from a network.
	No SIM card installed.

Notification Icons

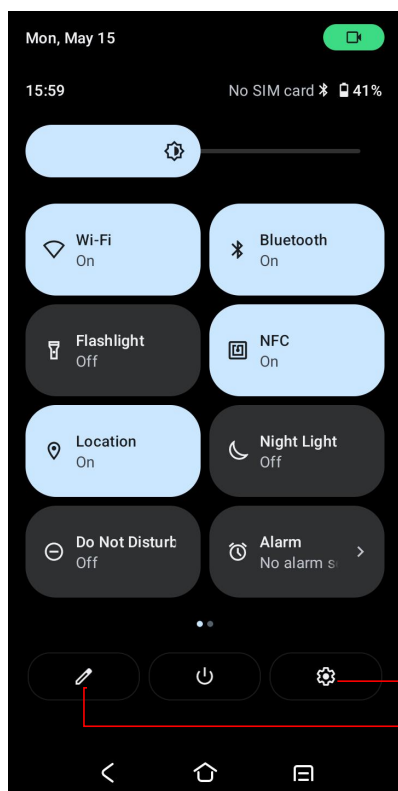
Icon	Description
	More notifications are available for viewing.
	Data is syncing.
	Indicates an upcoming event. Non-GMS devices only.
	Indicates an upcoming event. GMS devices only.
	Open Wi-Fi network is available.
	Song is playing.
	Problem with sign-in or sync has occurred.
	Device is uploading data.
	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.
	PTT Express Voice client status. See the PTT Express PTT Notification

Quick Access 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".

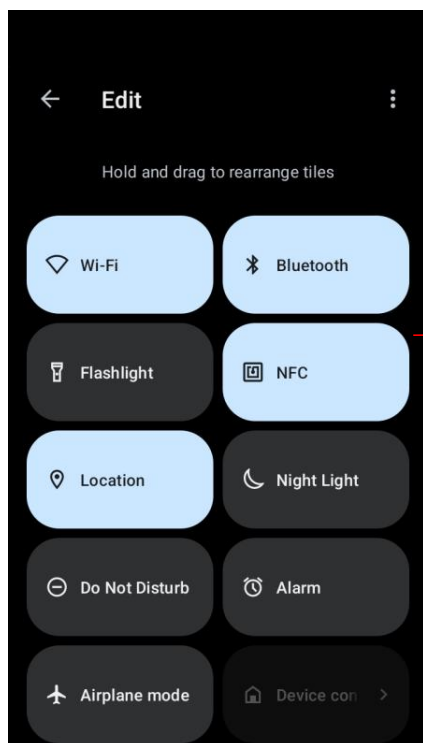
Device Settings

Touch to access device Settings.

Edit Quick settings panel

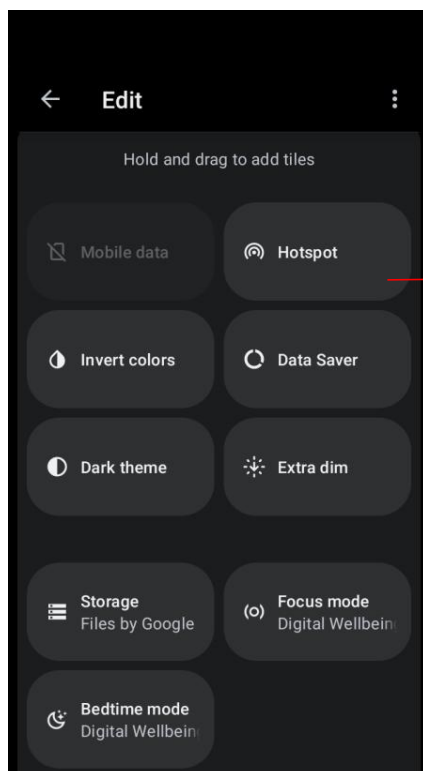
Touch the Edit icon to change the order of icon in the Quick settings panel.

Edit Quick Settings Panel



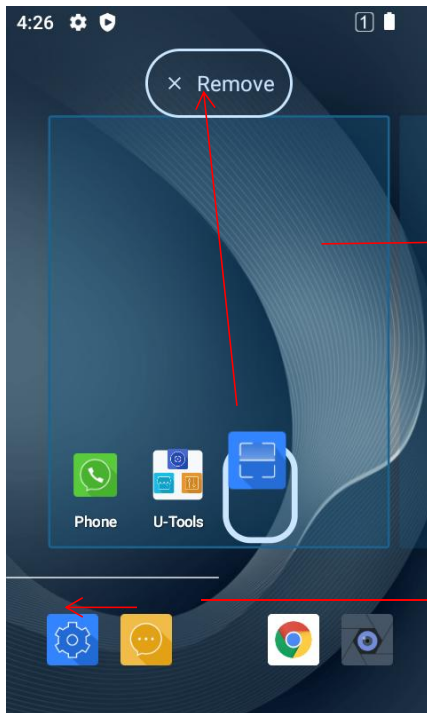
Edit Quick settings panel

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



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

Remove The Application From The Home Screen Or Create A Folder

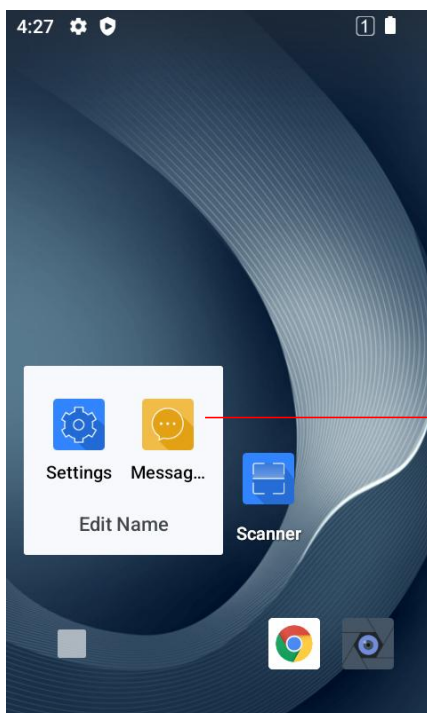


Remove the application from the home screen

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

Create A Folder

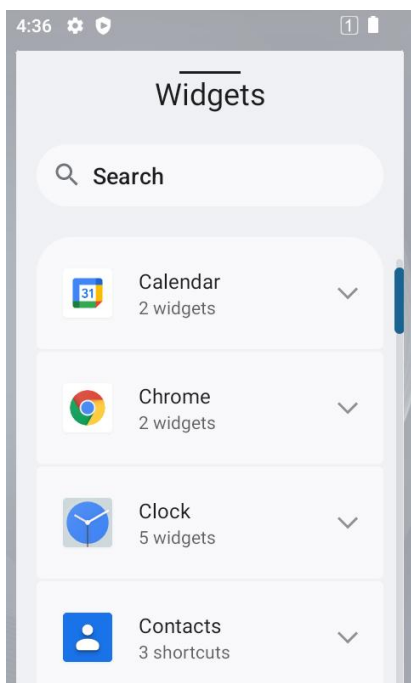
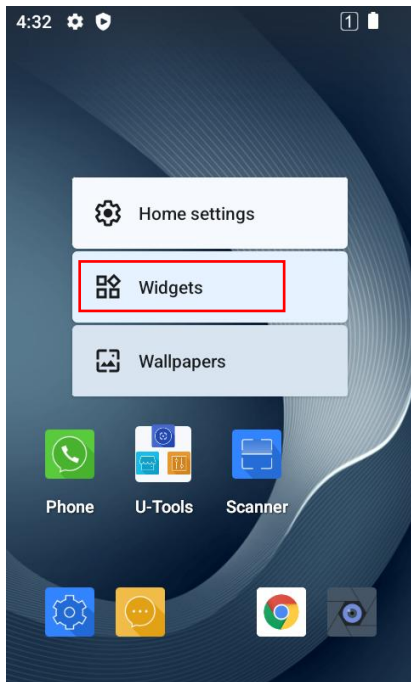
1. Touch and hold one app icon;
2. Drag the icon and stack it on top of another icon;
3. Lift and release.



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.

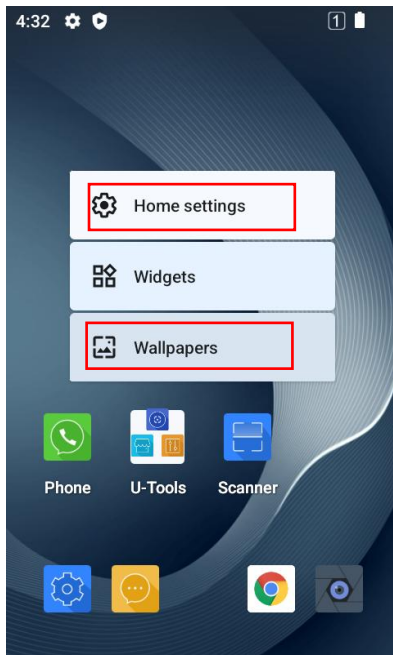
Add Widgets To The Home Screen



To add a widget to the Home screen

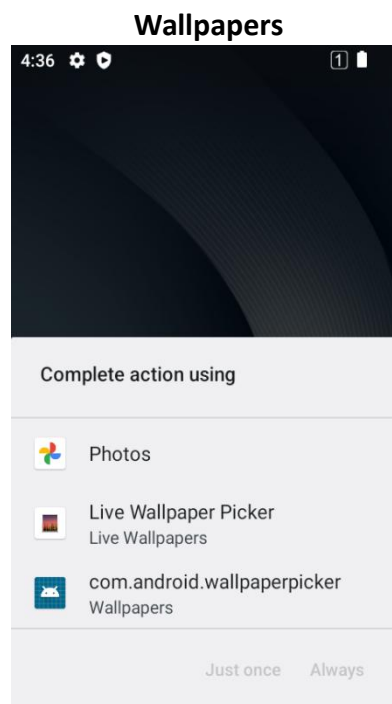
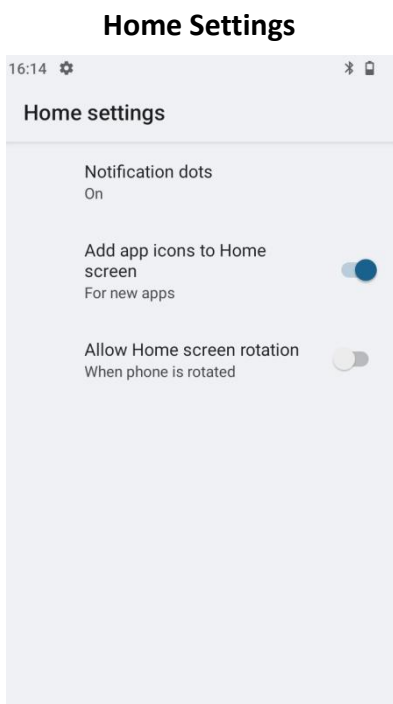
1. Scroll through the list to find widgets;
2. Touch and hold the widget until the home screen appears;
3. Position the widget on the home screen and release it.

Home Settings+Wallpapers



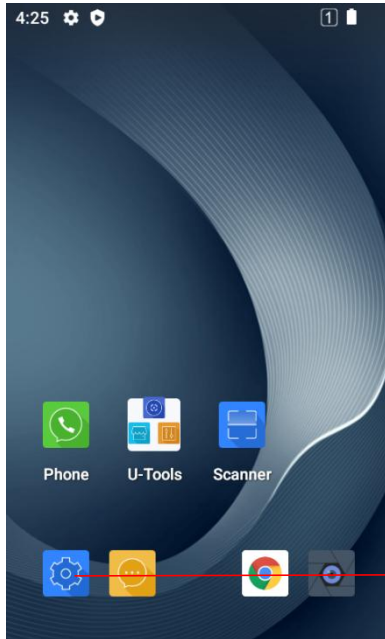
Wallpapers/Home Settings

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



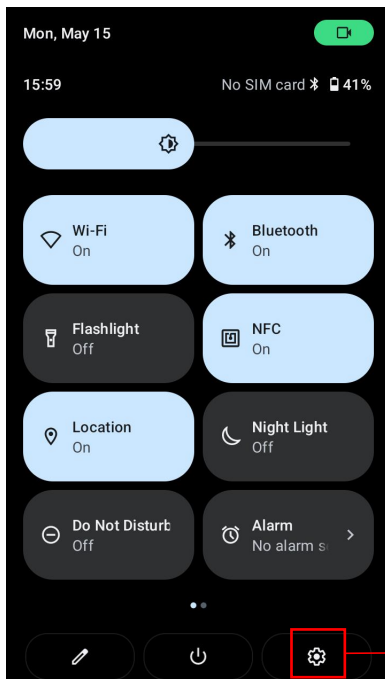
Device Setting

Access Device Settings



Method 1

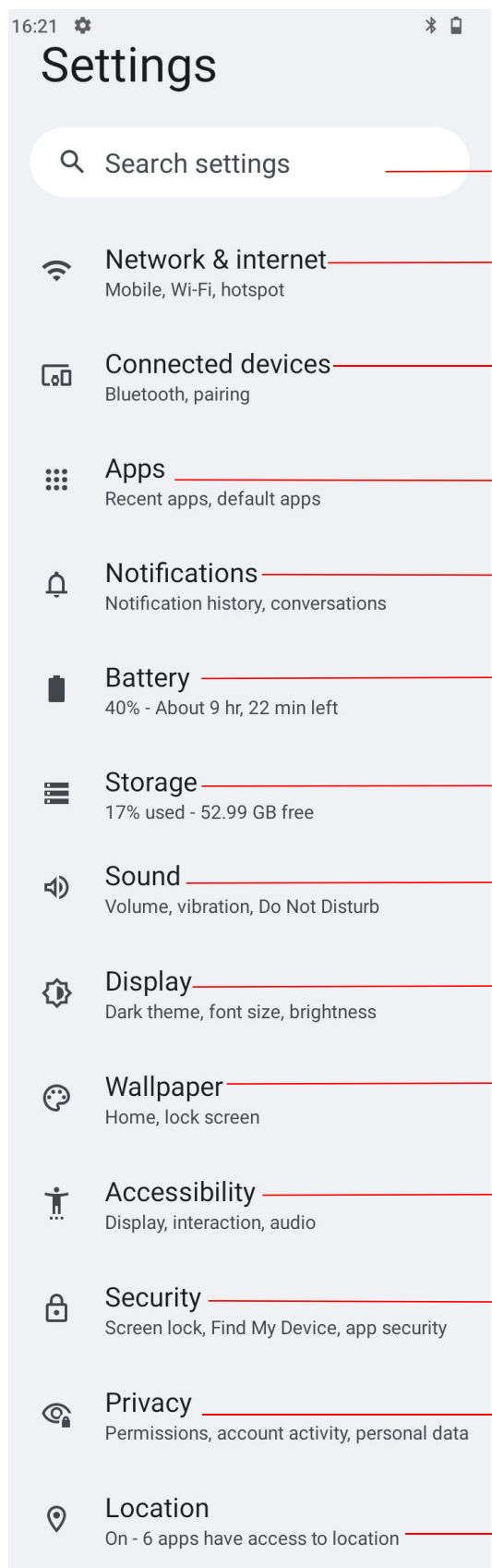
In the home screen, tap the settings icon.



Method 2

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

Device Settings



16:21

Settings

Search settings

Network & internet
Mobile, Wi-Fi, hotspot

Connected devices
Bluetooth, pairing

Apps
Recent apps, default apps

Notifications
Notification history, conversations

Battery
40% - About 9 hr, 22 min left

Storage
17% used - 52.99 GB free

Sound
Volume, vibration, Do Not Disturb

Display
Dark theme, font size, brightness

Wallpaper
Home, lock screen

Accessibility
Display, interaction, audio

Security
Screen lock, Find My Device, app security

Privacy
Permissions, account activity, personal data

Location
On - 6 apps have access to location

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.

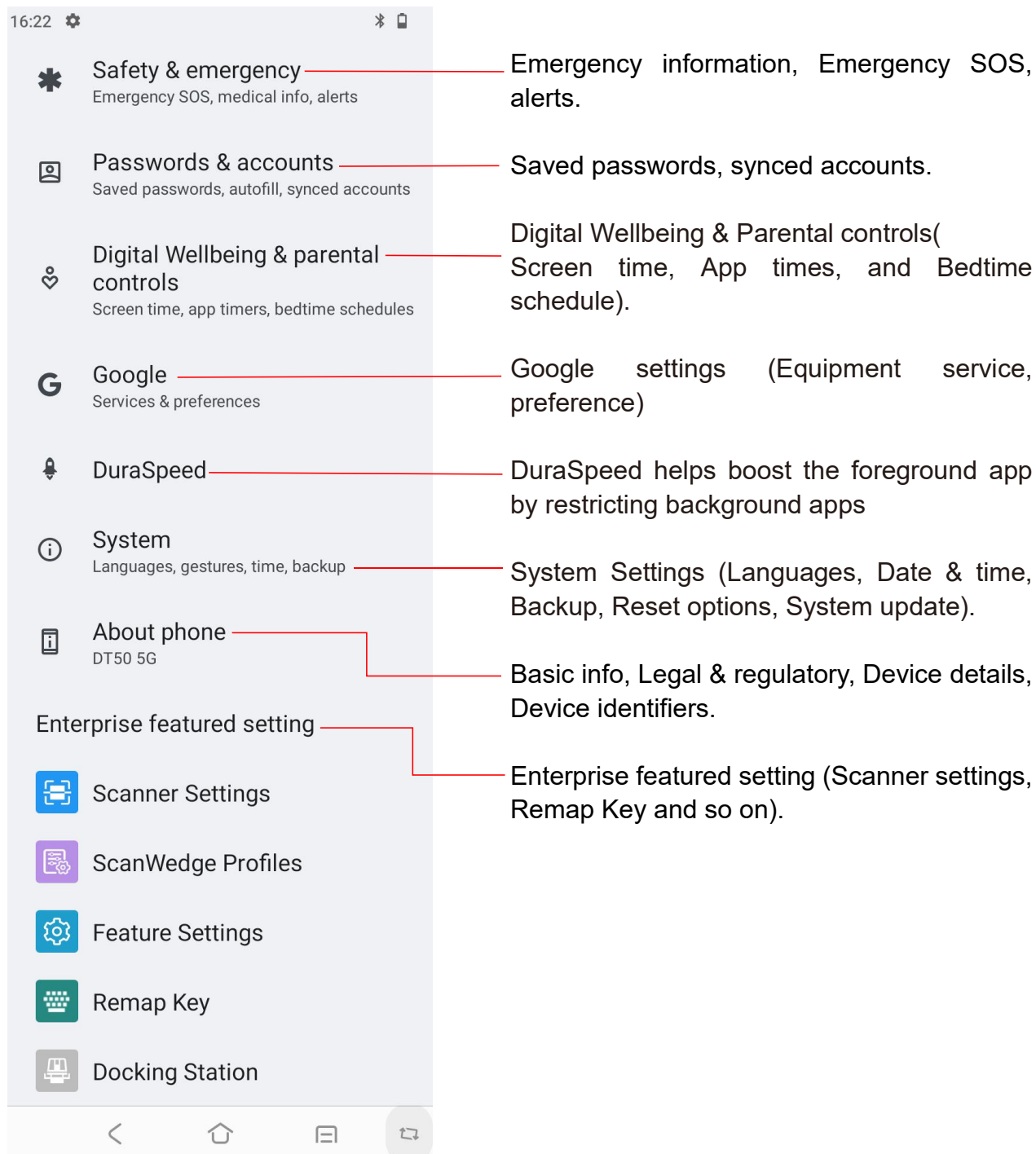
Accessibility (Screen reader, Display, Interaction controls).

Security (Security status, Screen lock, Encryption & credentials).

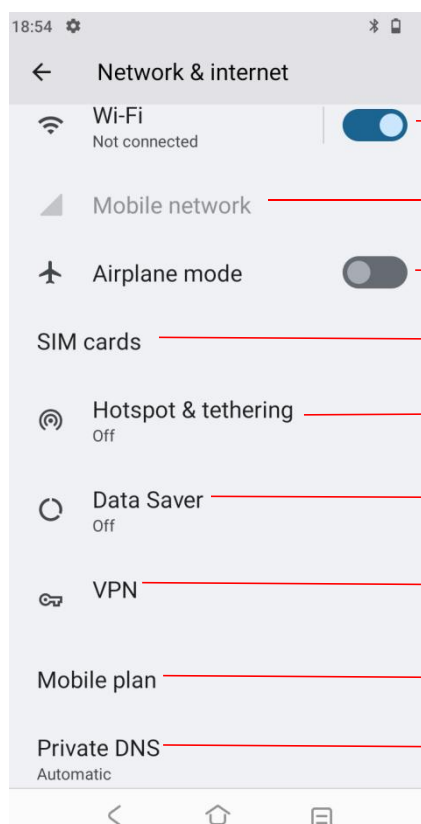
Privacy dashboard, Permission manager, Personal data.

App location permissions, Location services.

Device Settings



Network & internet



Connecting to a Wi-Fi Network.

Turn on/off Mobile data, Roaming.

Turn on/off airplane mode.

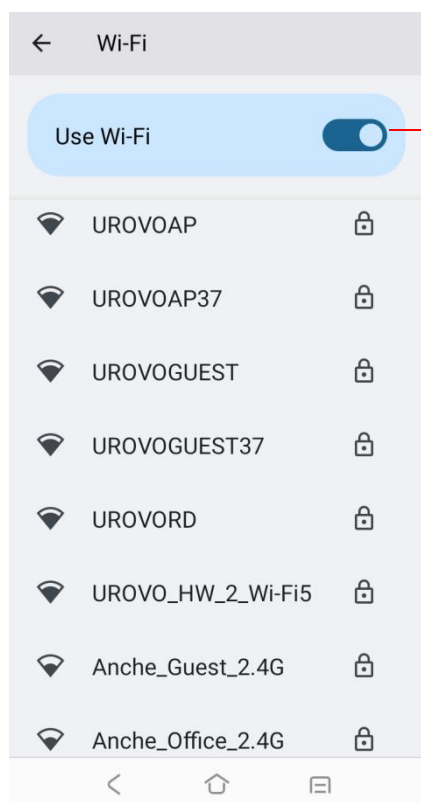
Preferred SIM for mobile data, allow calls, SMS messages.

Sharing the mobile data connection.

To help reduce data usage.

Manage VPN.

Select private DNS mode.



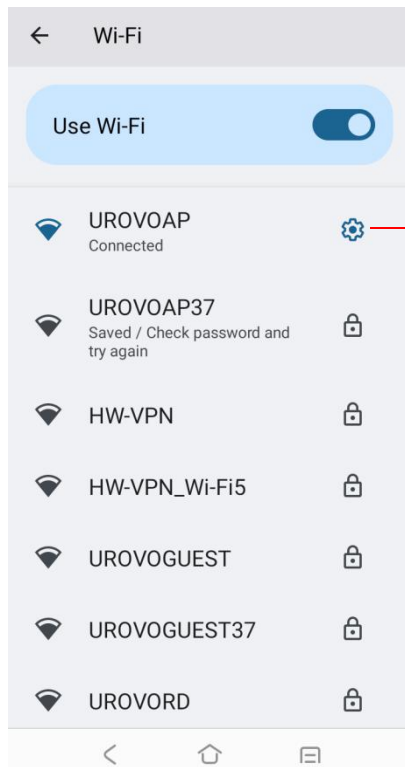
Touch the Wi-Fi item and enable the "Use Wi-Fi". The device searches for WLANs in the area and lists them.

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.

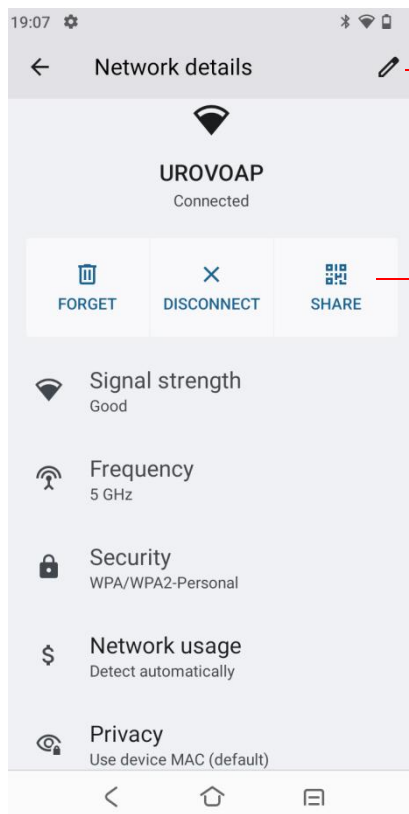
Device Setting

Network details



In the Wi-Fi setting field, Connected appears indicating that the device is connected to the WLAN.

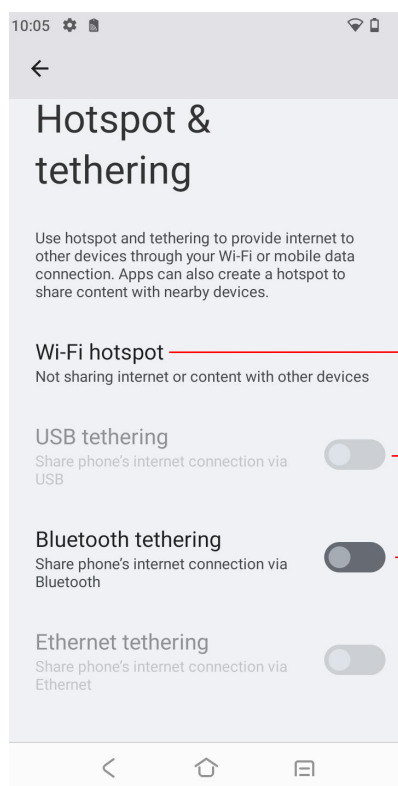
Click on the icon to view the network details.



Modify network options.

Remove/Disconnect/Share Wi-Fi Network.

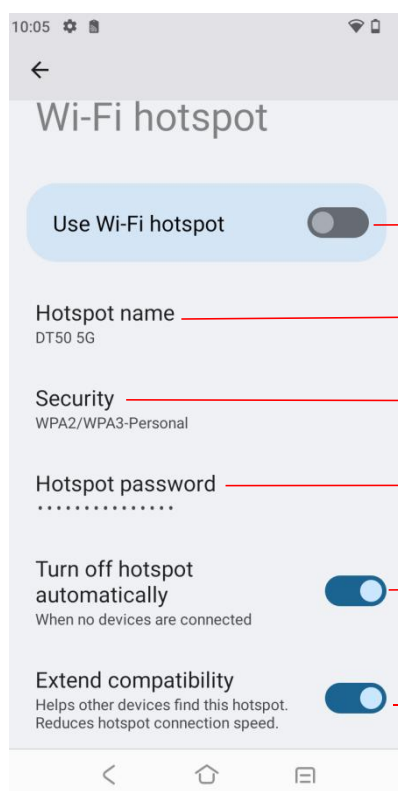
Hotspot & tethering



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.

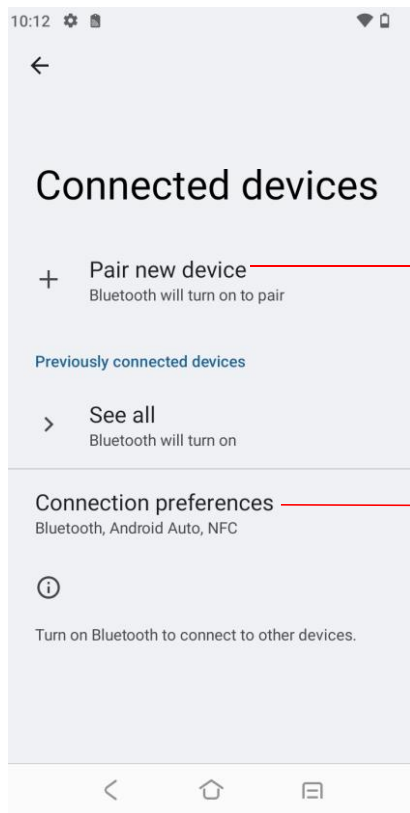
Security (WPA2/WPA3, None).

Change the hotspot password.

Turn on/off the hotspot automatically.

Help other devices find this hotspot.

Bluetooth Setting

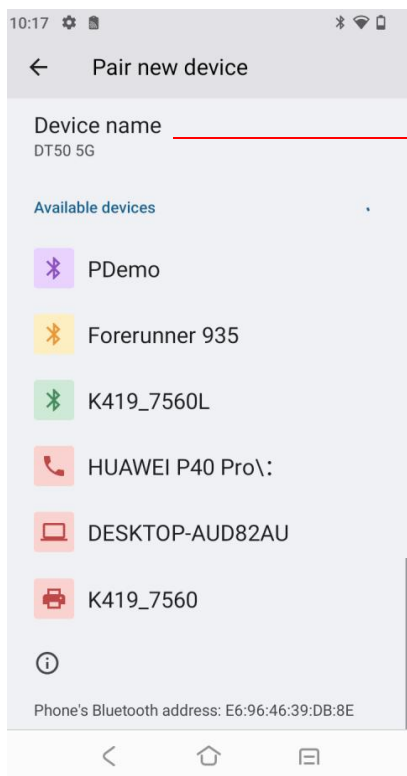


Enabling /Disabling Bluetooth:

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.

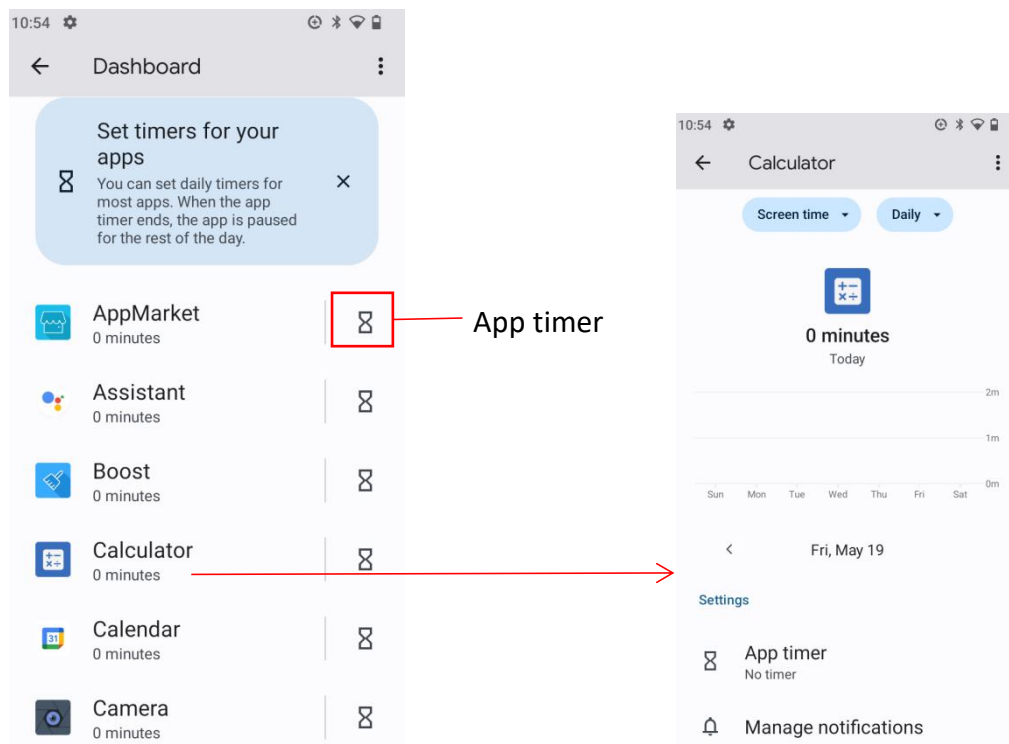
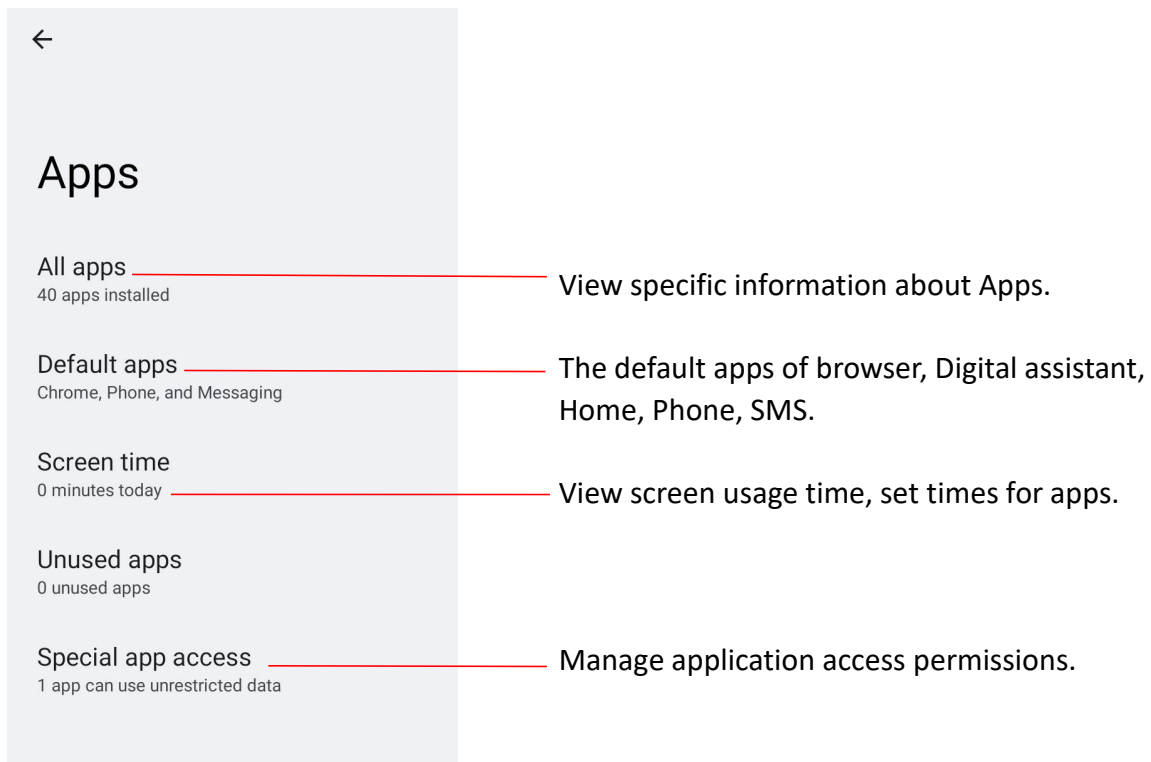
Bluetooth, NFC, Cast, Printing, Chromebook and so on.



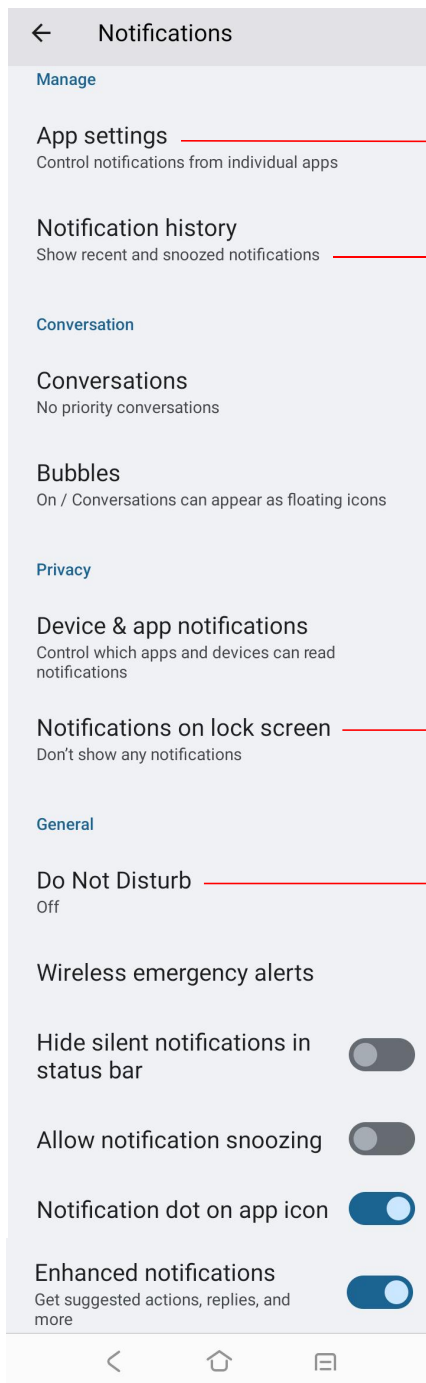
Touch to change the Device name.

Select the Bluetooth device you want to connect to.

Apps

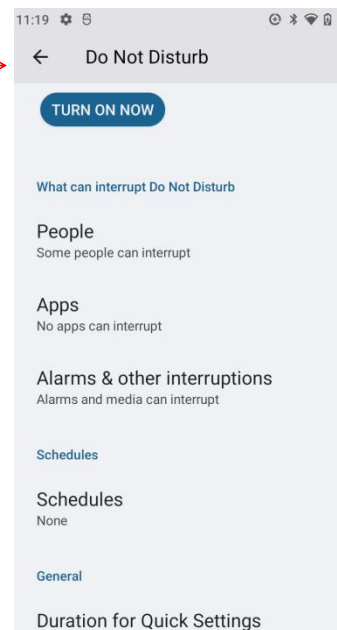
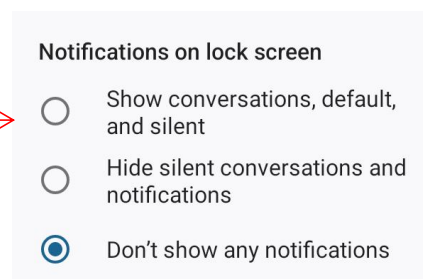


Notifications



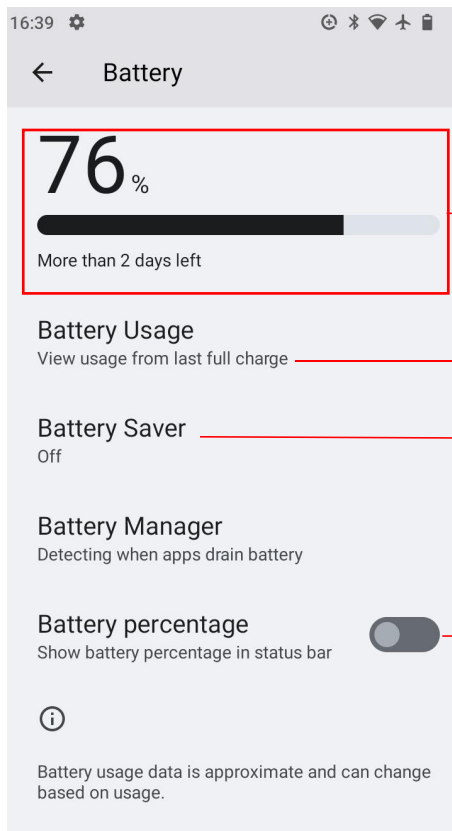
Control notification from individual apps.

Show recent and snoozed notifications.



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

Battery



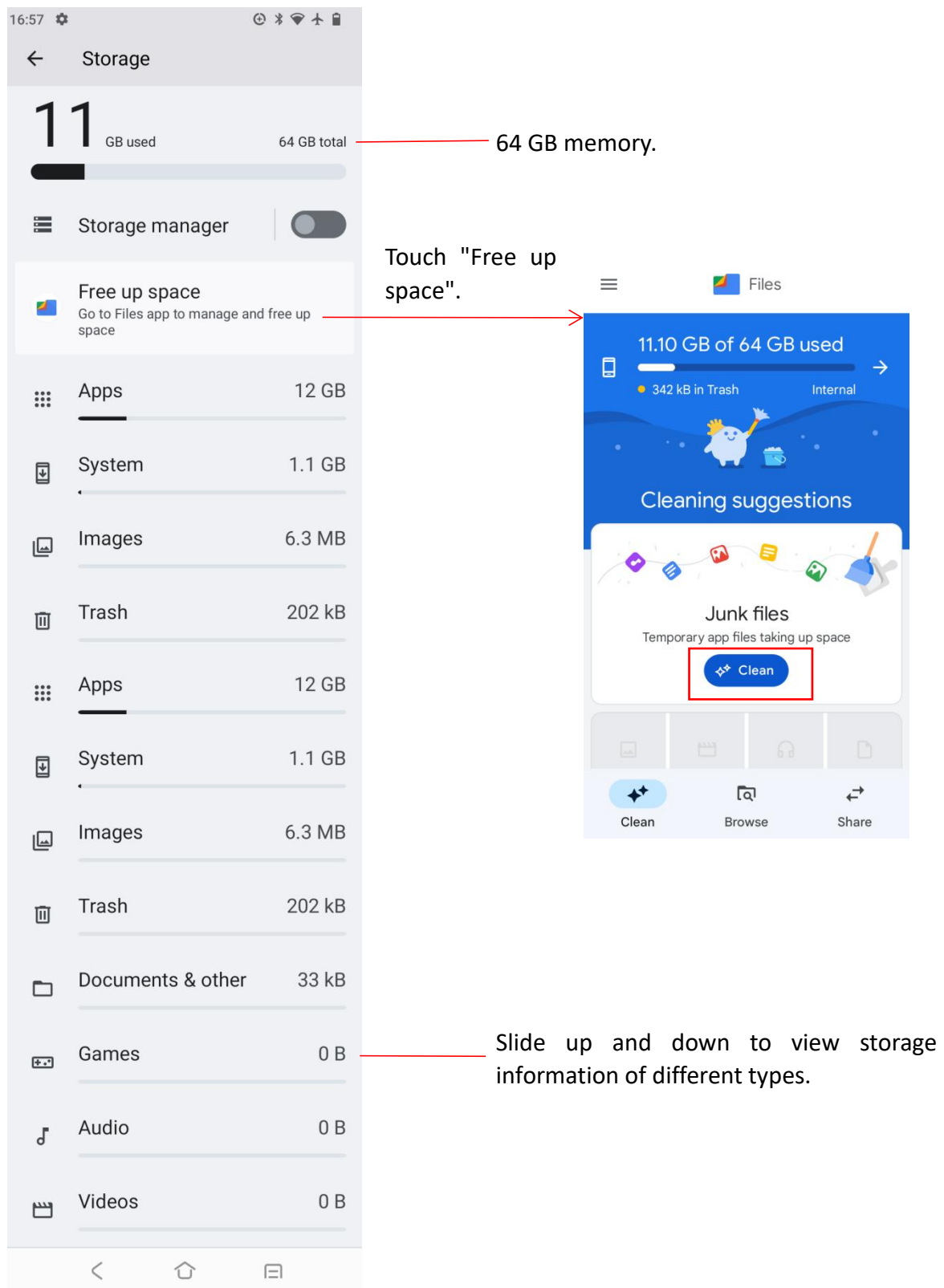
Remaining battery capacity and estimated working time.

View usage from last full charge.

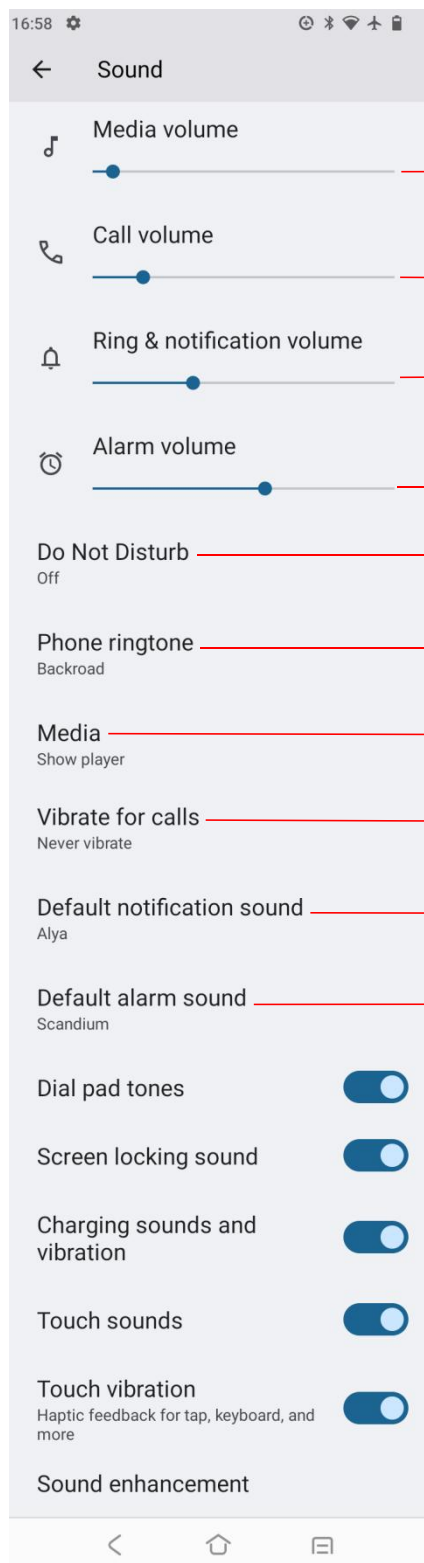
Touch to turn on Battery Saver.

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

Storage



Sound

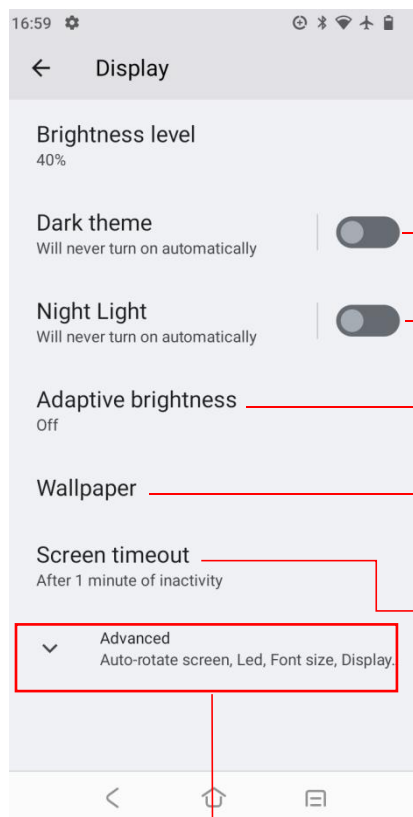


The screenshot shows the 'Sound' settings page on an Android device. The status bar at the top shows the time 16:58 and various icons. The settings are listed as follows:

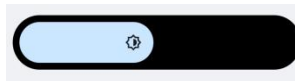
- Media volume**: A slider icon. Annotation: "Slide the dots and set the music, games, and media volume."
- Call volume**: A slider icon. Annotation: "Slide the dot , set the call volume."
- Ring & notification volume**: A slider icon. Annotation: "Slide the dot , set the ring volume."
- Alarm volume**: A slider icon. Annotation: "Slide the dot , set the Alarm volume."
- Do Not Disturb**: A toggle switch, currently set to 'Off'. Annotation: "Touch set does not disturb."
- Phone ringtone**: A text label with 'Backroad' below it. Annotation: "Touch to select the sound you want to play when the phone rings."
- Media**: A text label with 'Show player' below it. Annotation: "Pin media player, Show media recommendations."
- Vibrate for calls**: A text label with 'Never vibrate' below it. Annotation: "Never vibrate, Always vibrate, Vibrate first then ring gradually."
- Default notification sound**: A text label with 'Alya' below it. Annotation: "Touch to select the sound of the notification prompt."
- Default alarm sound**: A text label with 'Scandium' below it. Annotation: "Touch to select the sound of the alarm prompt."
- Dial pad tones**: A toggle switch, currently turned on.
- Screen locking sound**: A toggle switch, currently turned on.
- Charging sounds and vibration**: A toggle switch, currently turned on.
- Touch sounds**: A toggle switch, currently turned on.
- Touch vibration**: A text label with 'Haptic feedback for tap, keyboard, and more' below it. A toggle switch is turned on.
- Sound enhancement**: A text label.

The bottom of the screen shows the standard Android navigation bar with back, home, and recent apps icons.

Display



Adjust the slider to change the screen brightness.



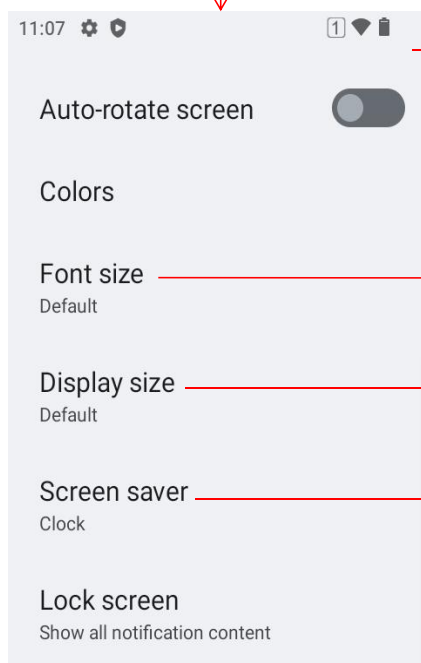
Turn on/off the Dark theme.

Tints your screen amber.

Screen brightness adjusts to the environment.

Change the screen background and decorate the phone screen.

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



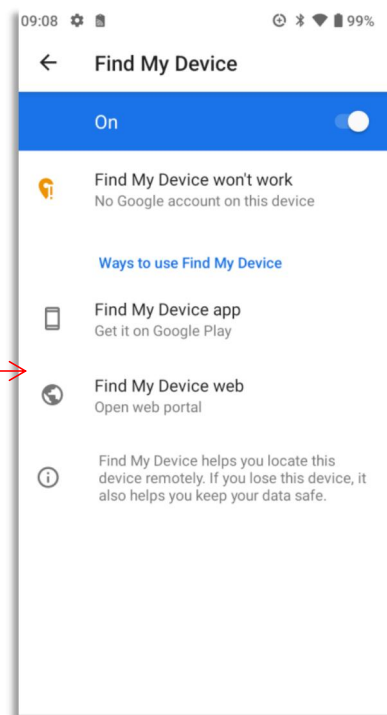
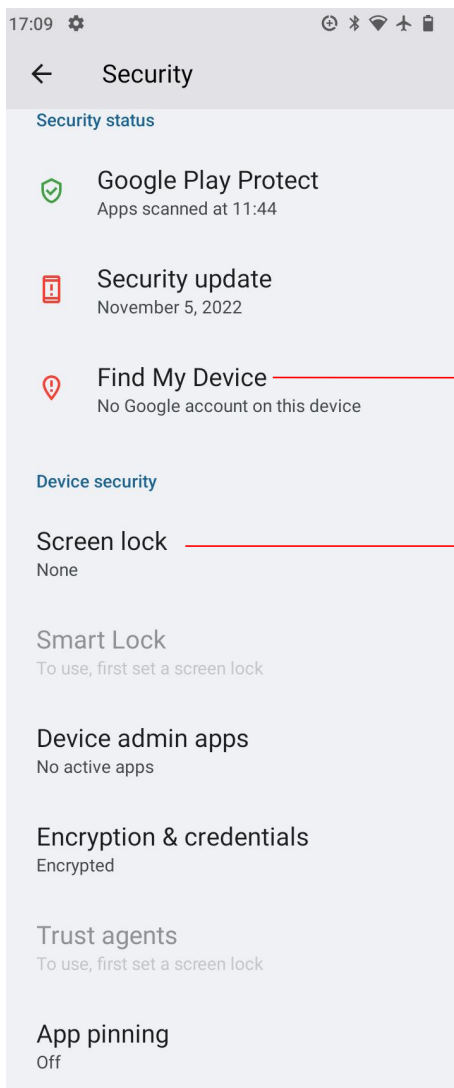
Click to turn on/off the automatic rotation screen.

Adjust the text font size on the screen
Screen saver Settings.

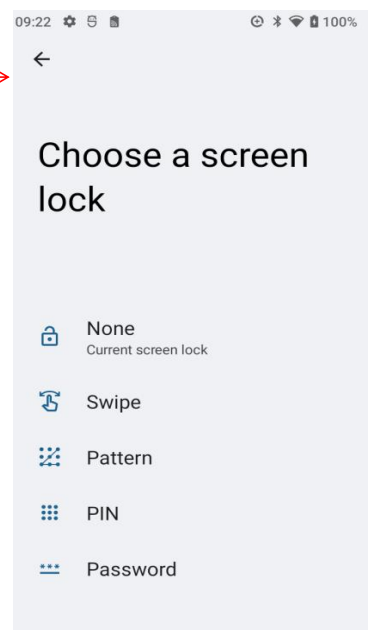
Make the items on your screen smaller or larger.

Screen saver settings.

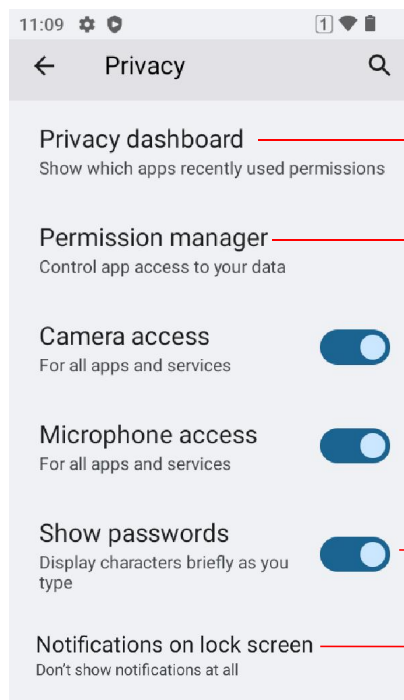
Security



Find My Device helps you locate this device remotely. It also helps you keep your data safe if the device is lost.



Privacy

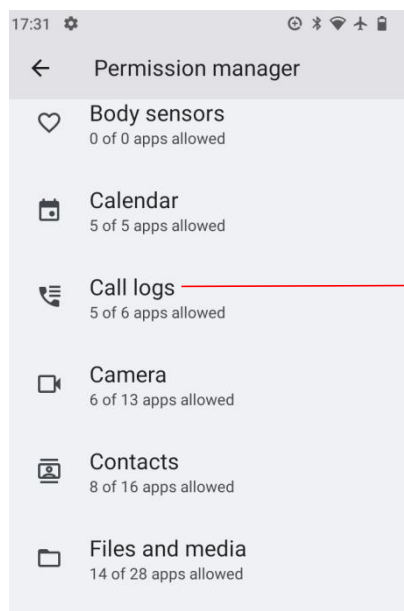


Show which apps recently used permissions.

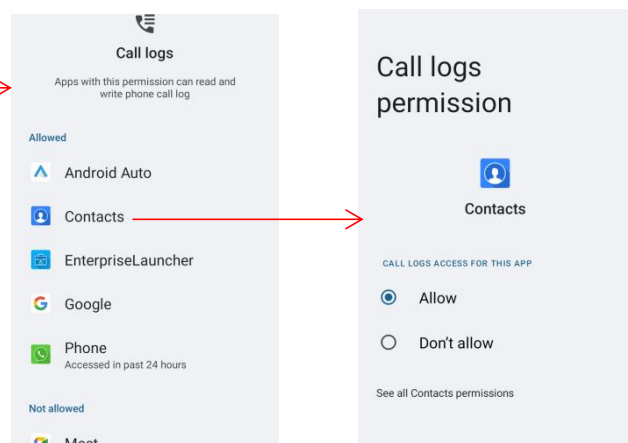
View or modify application permissions.

Display characters briefly as you type.

Show all notification content;
Don't show notification at all.

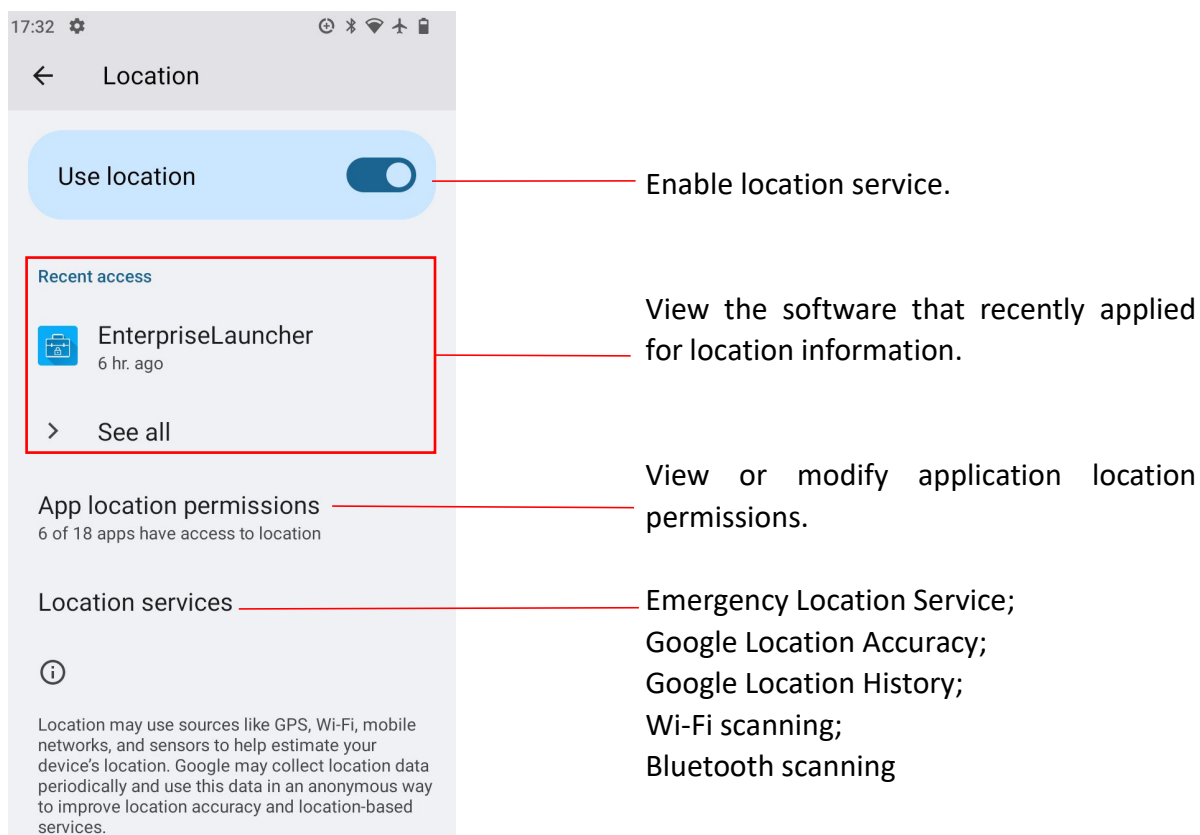


You can view the applications that have been allowed or denied this permission and click the application you want to modify.



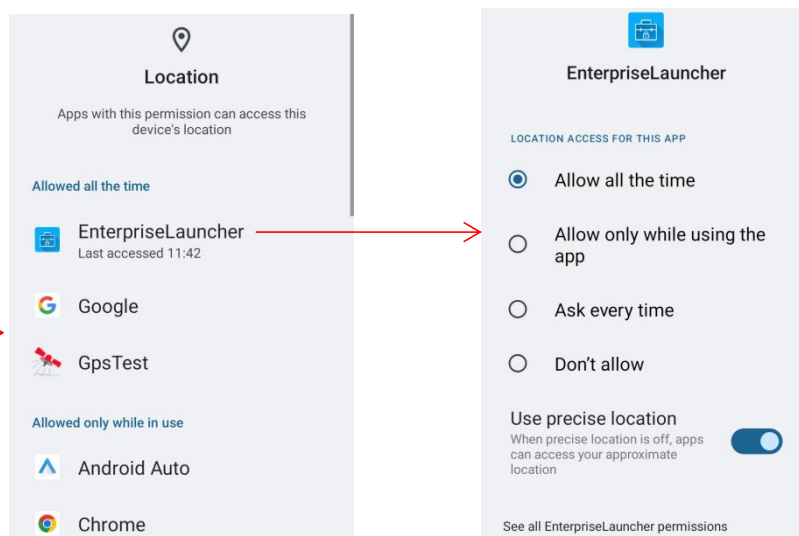
Example: modify whether the Contacts application allows call logs permission.

Location

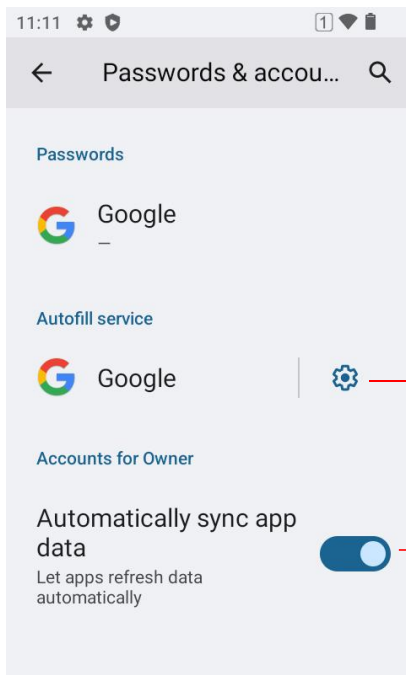


Modify application location permissions.

App location permissions
6 of 18 apps have access to location

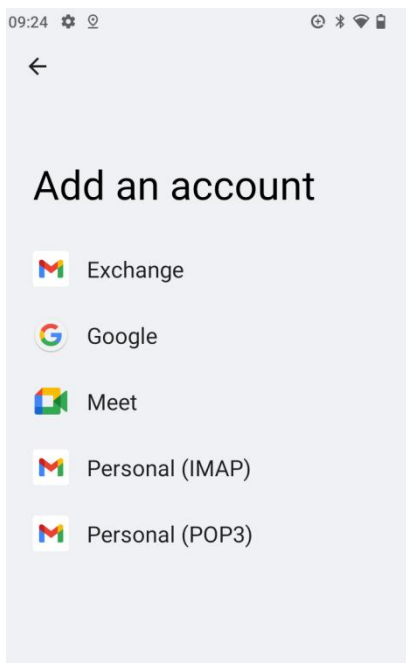


Passwords & accounts



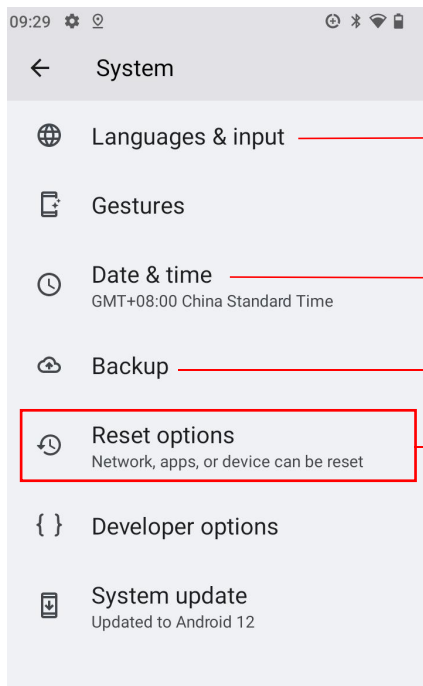
Click to add an account.

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



Select the option that you want to add an account.

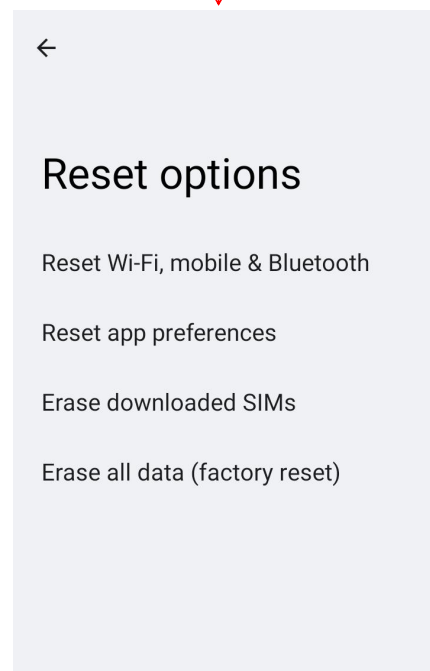
System



Languages; Keyboards.

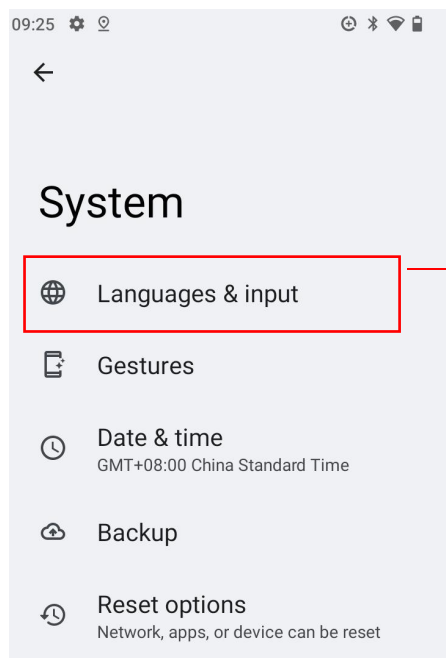
Modify the date and time.

Backup: Easily restore your data or switch device at any time.



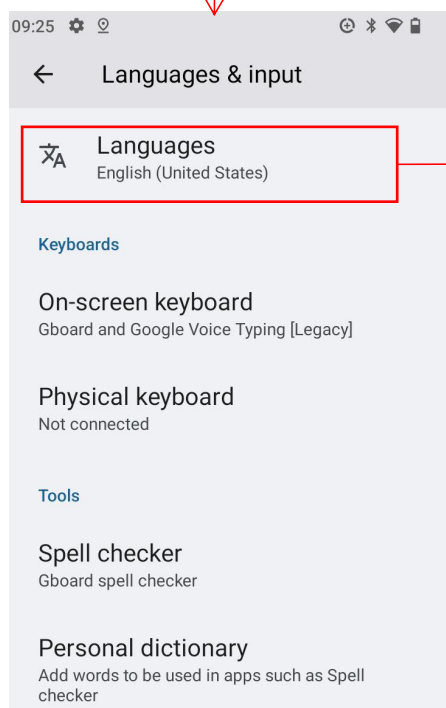
Device Setting

Language & input



Modify the system language of the device.

Touch "Settings-System-Language & input".



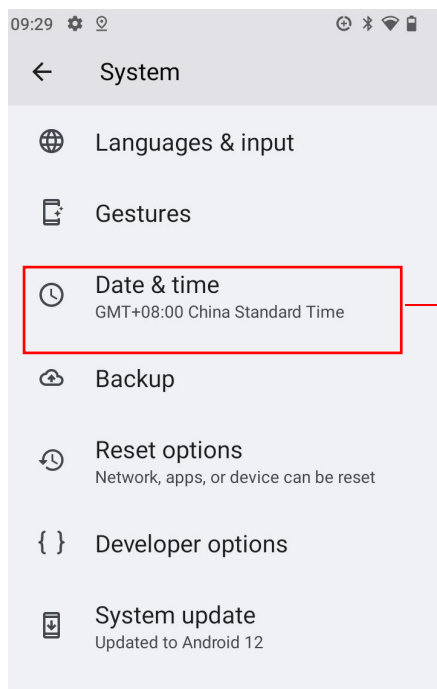
Remove language.

Drag the language you want to set to the top.

Add a language.

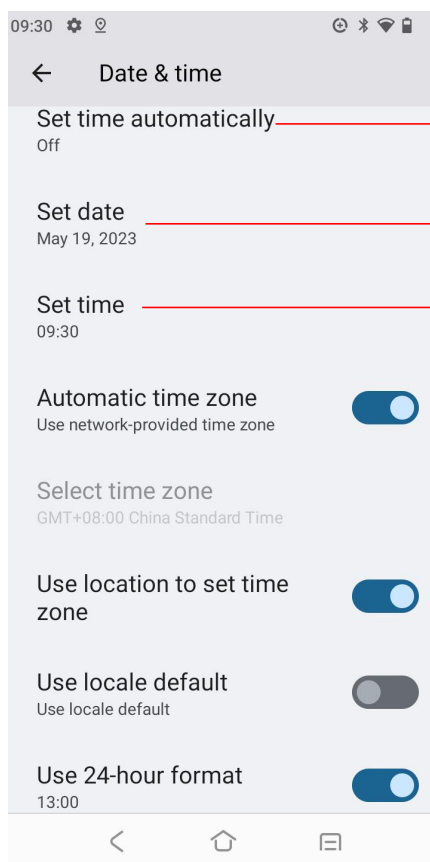
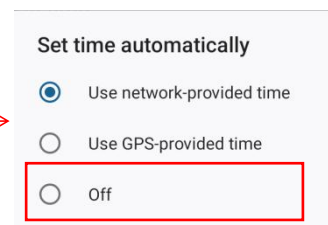
Device Setting

Data & time

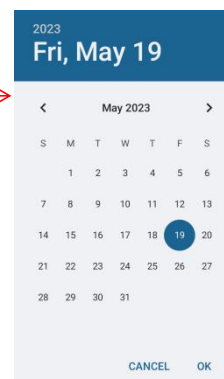


Touch " Settings-System-Data & time".

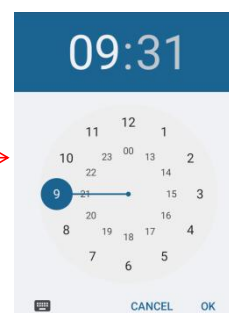
If you want to manually change the date and time, first click here to select "Off".



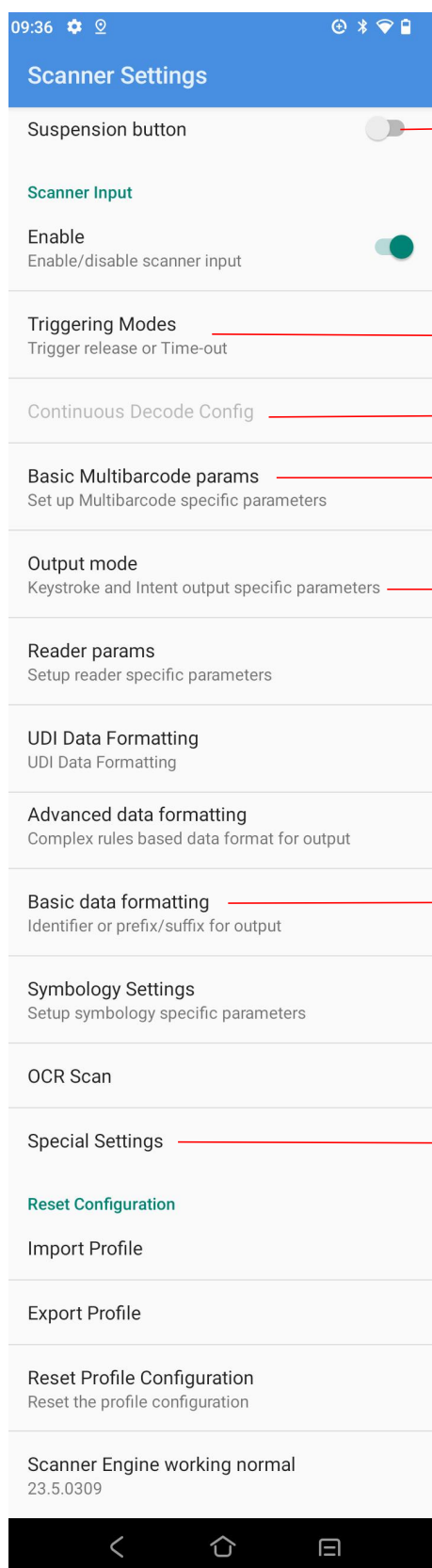
Touch to set Data.



Touch to set Time.



Scanner Settings



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.

Decode or Time-out, KeyDown start, Again KeyDown stop, Trigger release or Time-out.

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

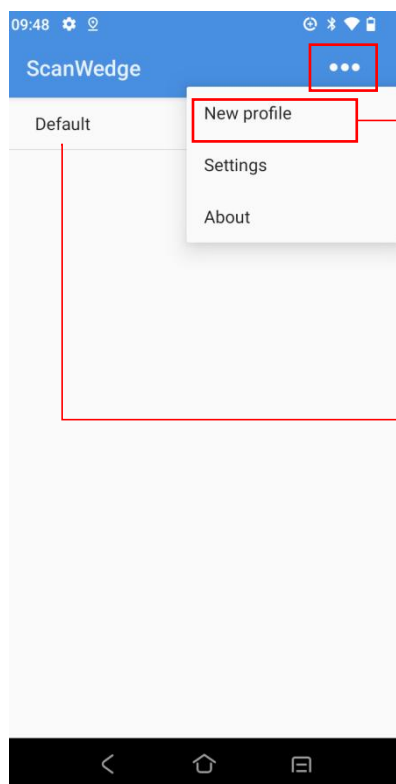
Set up Multibarcodes specific parameters.

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.

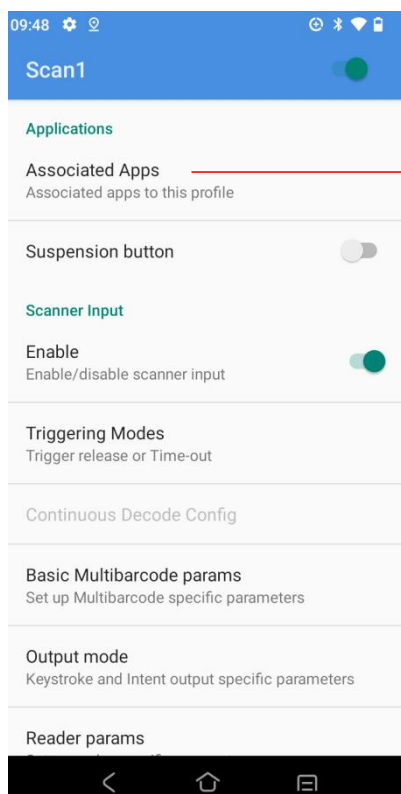
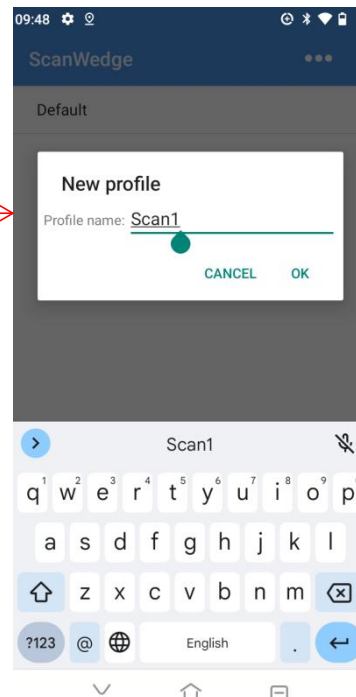
Characters delay, Key event delay.

ScanWedge Profiles



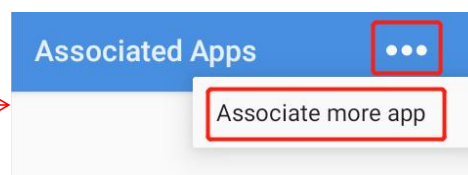
Create a new scan profile, Edit profile name.

Touch to modify default scan settings.

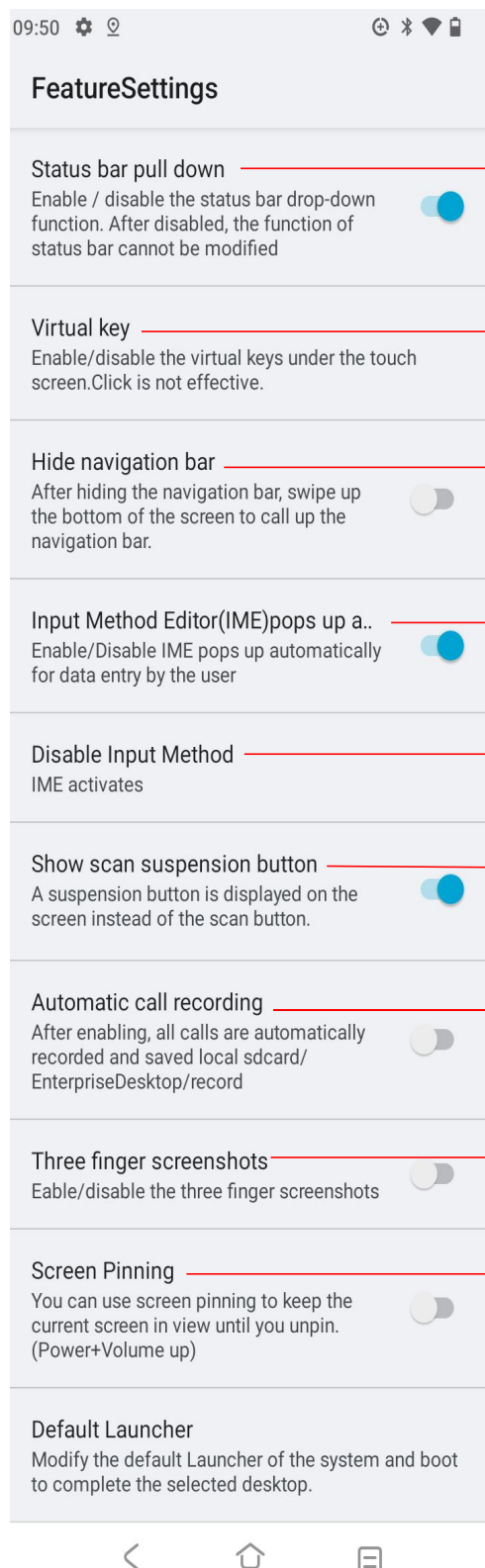


On this page, you can modify the Settings in the new scan configuration file.

Associated apps to this profile.



Feature Settings



The default is "on", if disabled, the status bar function cannot be modified.

The default is "on", click on the virtual key at the bottom of the screen does not take effect after disabling the corresponding virtual switch.

The default is "off", select "on" if you want to hide the navigation bar at the bottom of the screen.

The default is "on", select "Disable this function" if you want to disable automatic pop-up of the input method during code scanning.

The default is "off", select "on" if you want to disable the input method editor.

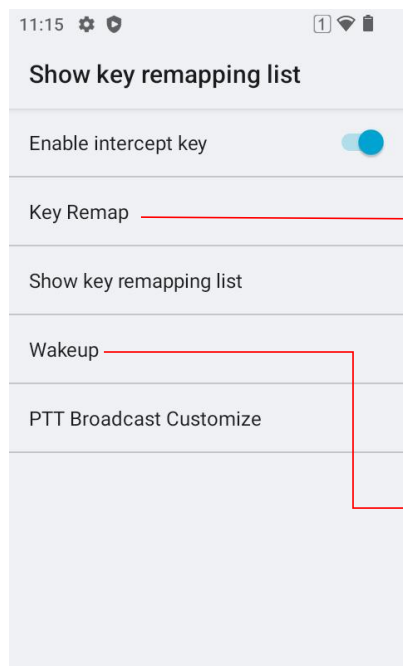
The default is "on", a suspension button is displayed on the screen instead of the scan button.

The default is "off", all call recordings of the device will be automatically saved to local after turning on, which is convenient for information traceability.

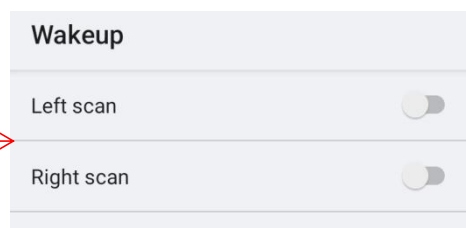
The default is "off", take a screenshot by swiping up or down on the screen with three fingers simultaneously after turning on.

The default is "off", the shortcut key ("power" key and "volume +" key pressed simultaneously) can fix the current screen after turning on, and at this time, you can only view the screen content, not to operate; if you want to cancel the fixed, press the shortcut key again.

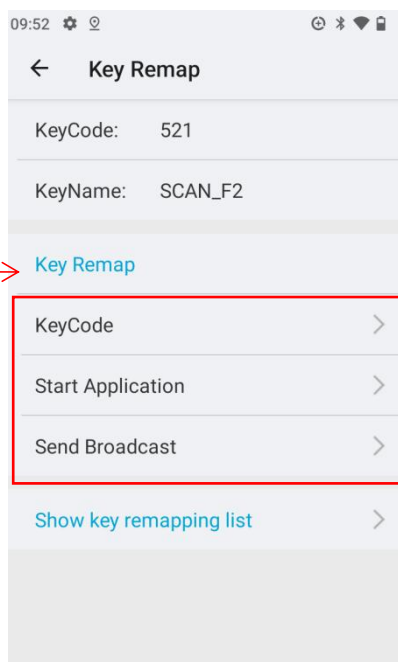
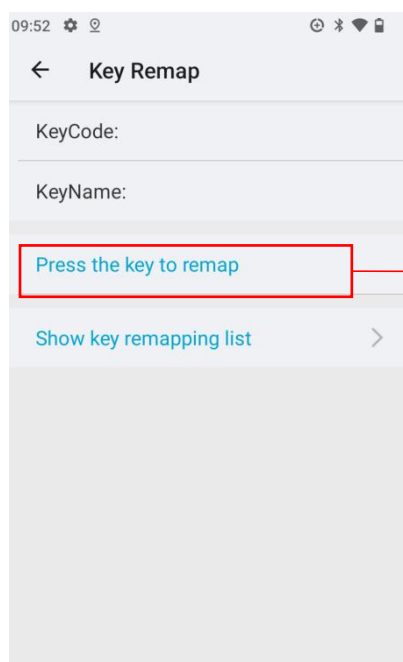
Remap Key



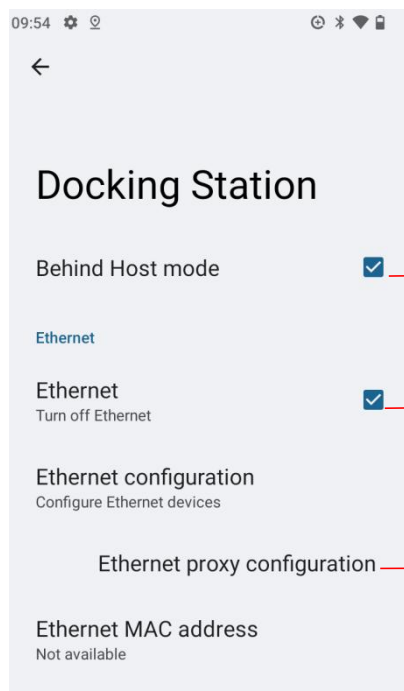
Key Remap can keymap all physical keys except the power key, and the mapped keys will be given a new key value, that is, pressing the button can achieve customized functions.



Open the corresponding key switch, which can be used to wake up the screen.



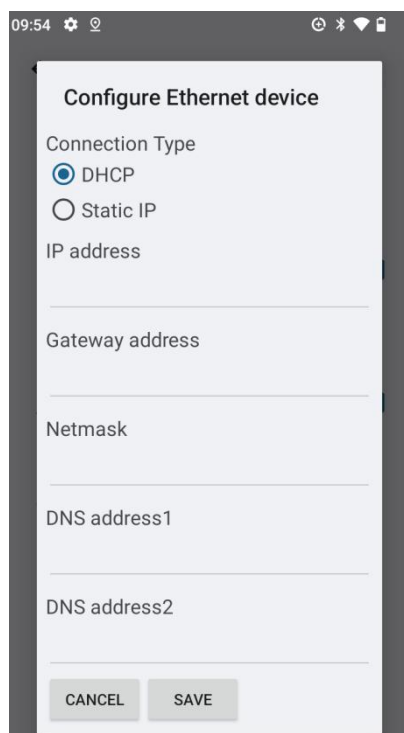
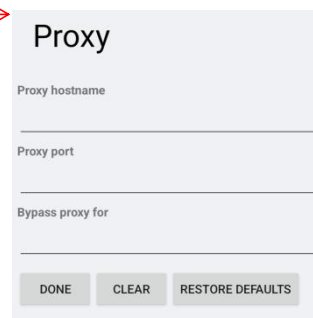
Docking Station



Turn on/off Host mode.

Turn on/off Ethernet.

Click this item to edit the Ethernet proxy configuration.

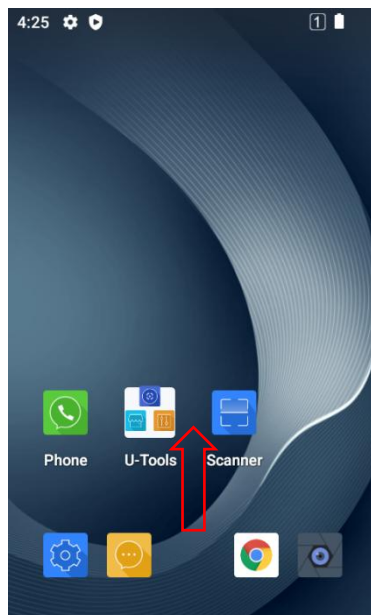


Ethernet Configuration

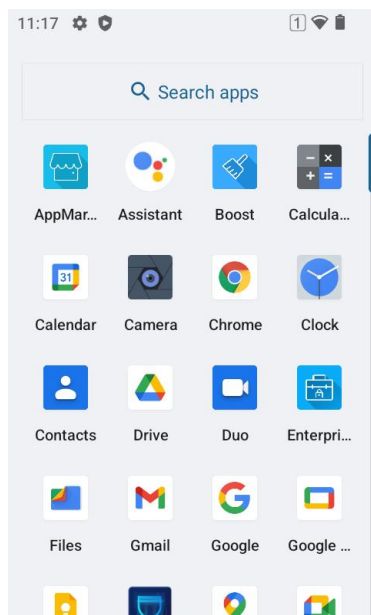
Applications

Application

Application Window



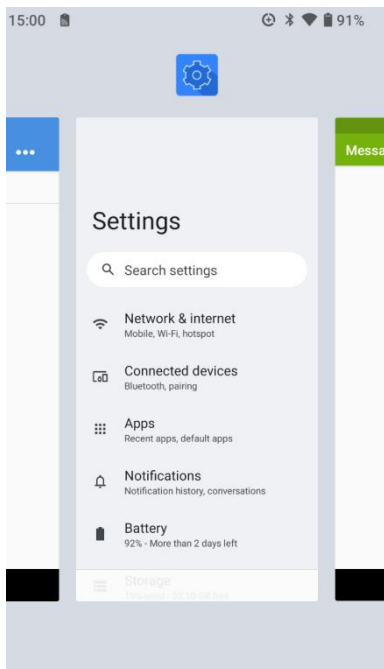
On the Home screen, swipe up from the bottom of the screen.



Applications Window

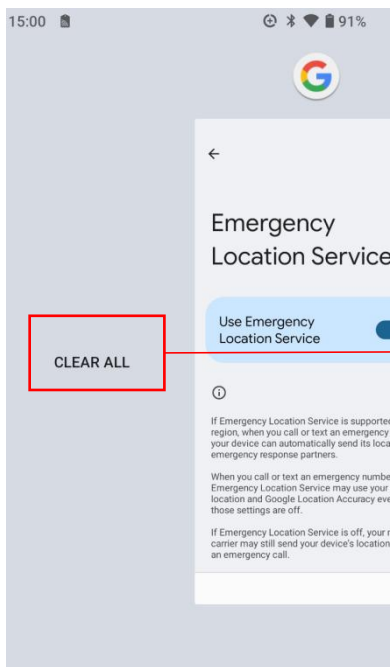
Slide the APPS window up or down to view more app icons. Touch an icon to open the app.

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.
	Boost -One click to clean up memory and free up storage space.
	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.

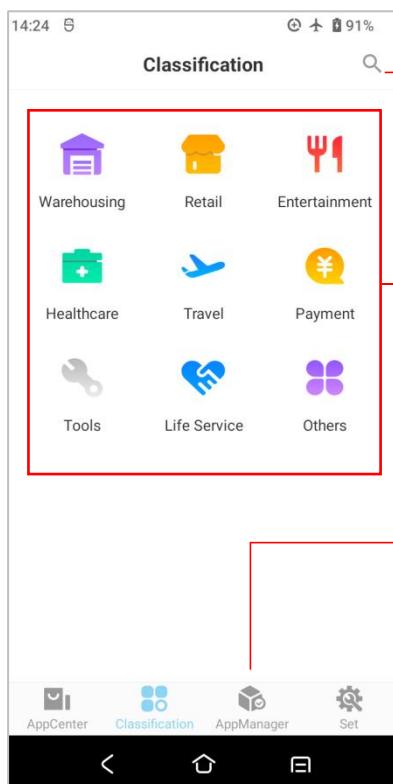
Applications

	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.
	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.

Applications

	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.
	Settings- Use to configure the device.
	WiFi Diagnostics- Real-time analysis and troubleshooting of WiFi to pinpoint problems.
	U stage- Provides enterprise IT administrators and agents with quick device configuration synchronization
	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

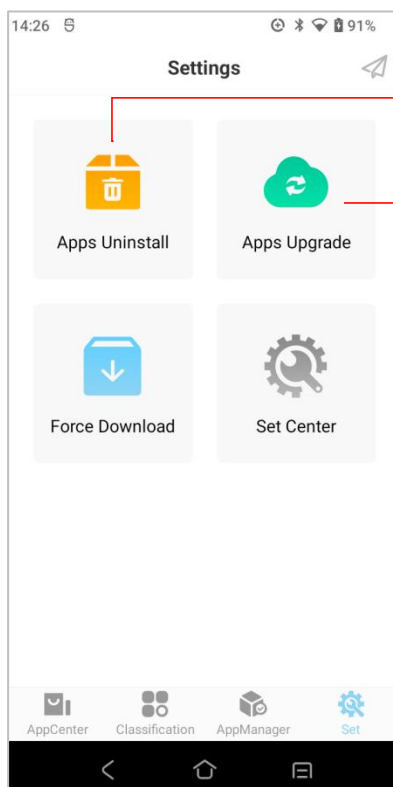


App Market - Classification

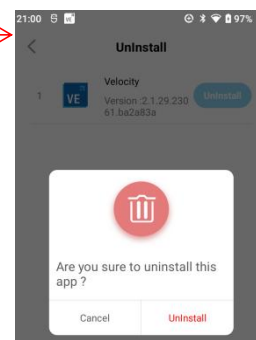
Search application.

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

View the downloading and installed apps.

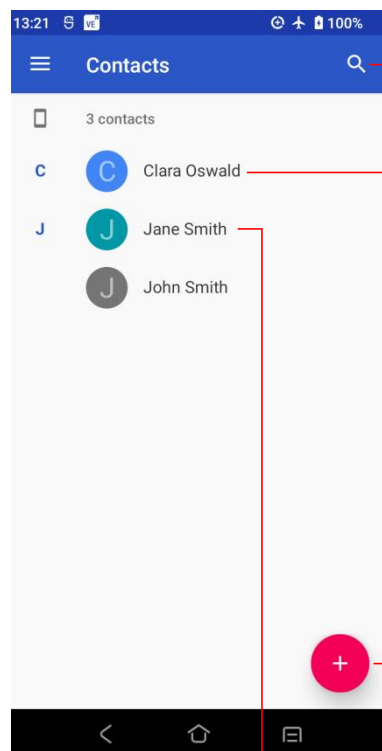


App Market - Set



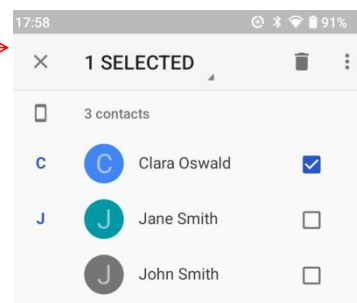
Displays upgradable applications.

Contacts

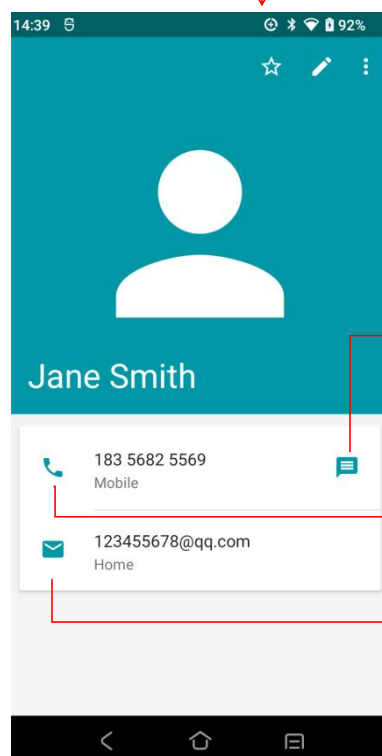
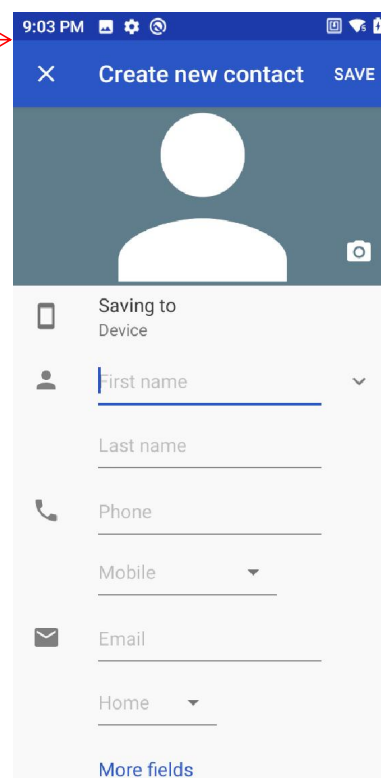


Search for contacts.

Long press a contact to share or delete it.



Create a new contact.

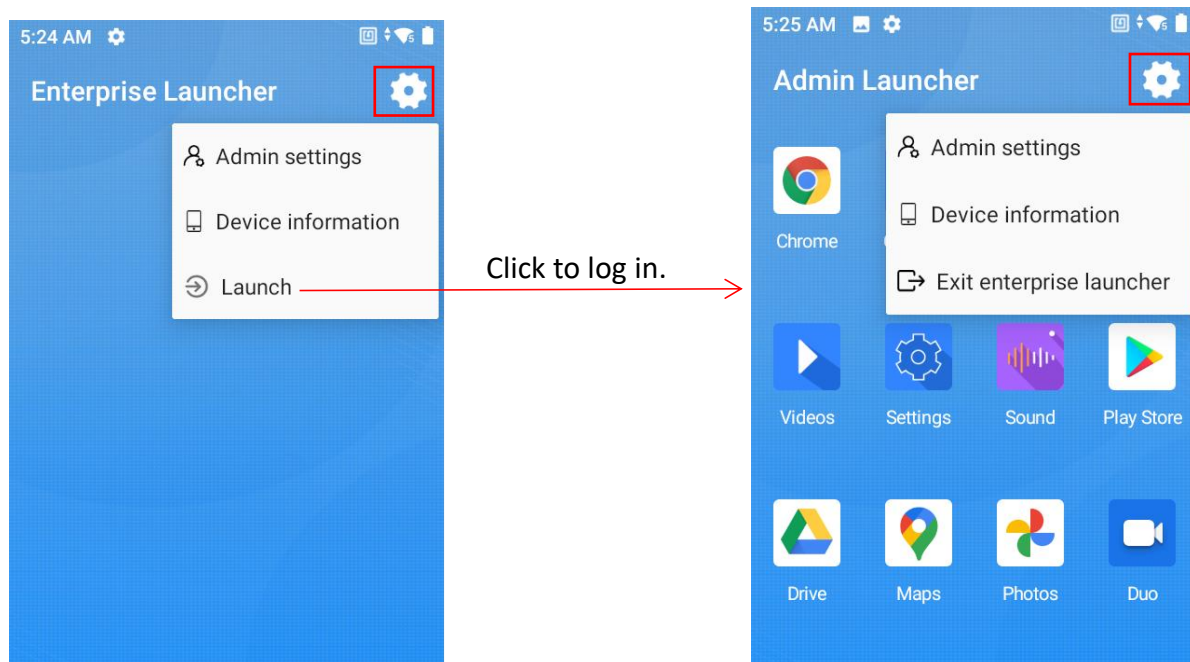


Send a message to the contact.

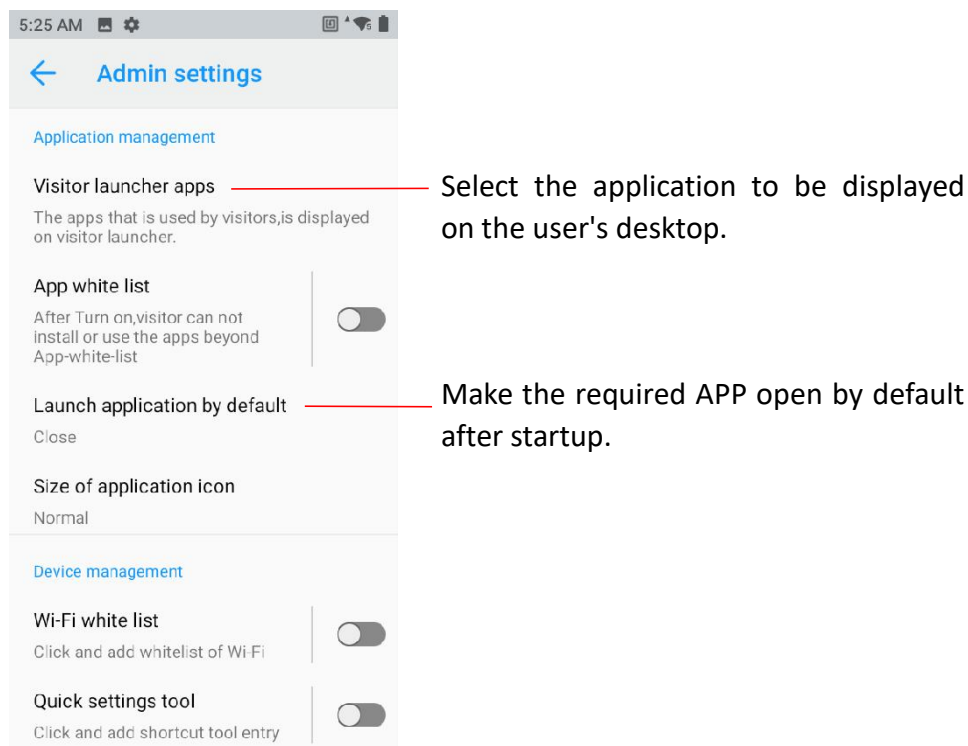
Make a call to the contact person.

Send an email to the contact.

Enterprise Launcher



The administrator screen displays all applications on the device. You can install and uninstall applications, view application details and so on.



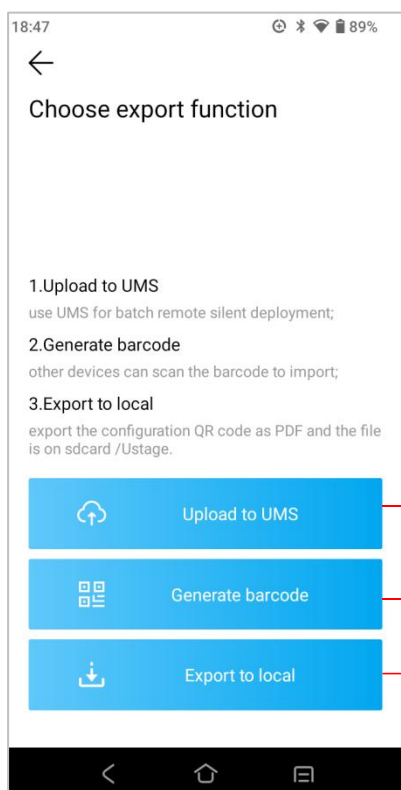
U stage



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.

Modify the Settings to be synchronized.



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.

Maintenance and Troubleshooting

Maintenance Equipment

For trouble-free service, observe the following tips when using the CT48:

- Do not scratch the screen of the CT48.
- The touch-sensitive screen of the CT48 is glass. Do not drop the CT48 or subject it to strong impact.
- Protect the CT48 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 CT48 in any location that is dusty, damp, or wet.
- Use a soft lens cloth to clean the CT48. 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 CT48

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:

Maintenance and Troubleshooting

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 CT48 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.
CT48 is off.	CT48 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.

Maintenance and Troubleshooting

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 CT48's storage is full.	Too many files are saved in CT48.	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 CT48.	Uninstall unused apps in CT48 to recover storage capacity.
CT48 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 CT48 within proper scanning range.
	The bar code type is not checked, or bar code length is wrong.	Set CT48 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 CT48 low battery condition notification. Note: If the scanner is still not reading symbols, contact the distributor or the Global Customer Support Center.
Cannot unlock CT48	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.
CT48 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).

Maintenance and Troubleshooting

	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.

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.

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 Technology Co., Ltd. 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.



UROVO TECHNOLOGY CO., LTD.

Tle: 400 888 6989

Fax: +86 755 86186290

Website: www.urovo.com

E-mail: urovo@urovo.com

Address: 36F-37F, High-Tech Zone Union Tower, No.63, Xuefu Road,
Nanshan district, Shenzhen, Guangdong, China