

ME40K

User Manuals



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About the Guide

Introduction

This Guide offers information on usage of ME40K mobile computer and its accessories.

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

Software version

To determine the software version of the current device, please touch Settings-System-About Device.

Android Version—display operating system version.

Version No.—display software build version number.

Chapter description

This Guide covers the following topics:

- **Getting Started** offers information on putting ME40K into operation for the first time.
- **Using The Device** is a n operation instruction on ME40K.
- **Applications** describes usage of built-in apps.
- **Data Capture** describes acquisition of bar code information by scanning.
- **Wireless** describes different wireless data communication methods.
- **Accessories** describes information on standard and optional parts.

Service information

You can visit the official website (www.meferi.com) of MEFERI Technologies Co.,Ltd. whenever possible to gain quick network support services:

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 Device

Thanks for your cooperation!

Chapter I Getting Started

Introduction

This chapter describes product information and instruction of device for the first time.

Unpacking

1, Please carefully remove all the protective materials around ME40K and keep the device case for storing and transporting the device in the future.

2, Please check the following elements:

- ME40K Device×1
- Battery×1
- Power Adapter×1
- USB cable×1
- Hand Strap×1
- Quick start guide×1

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

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

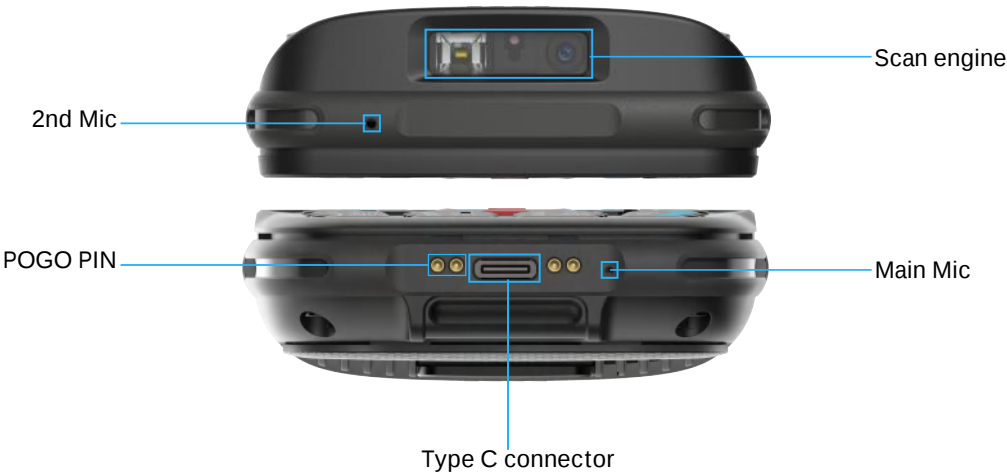
Front side



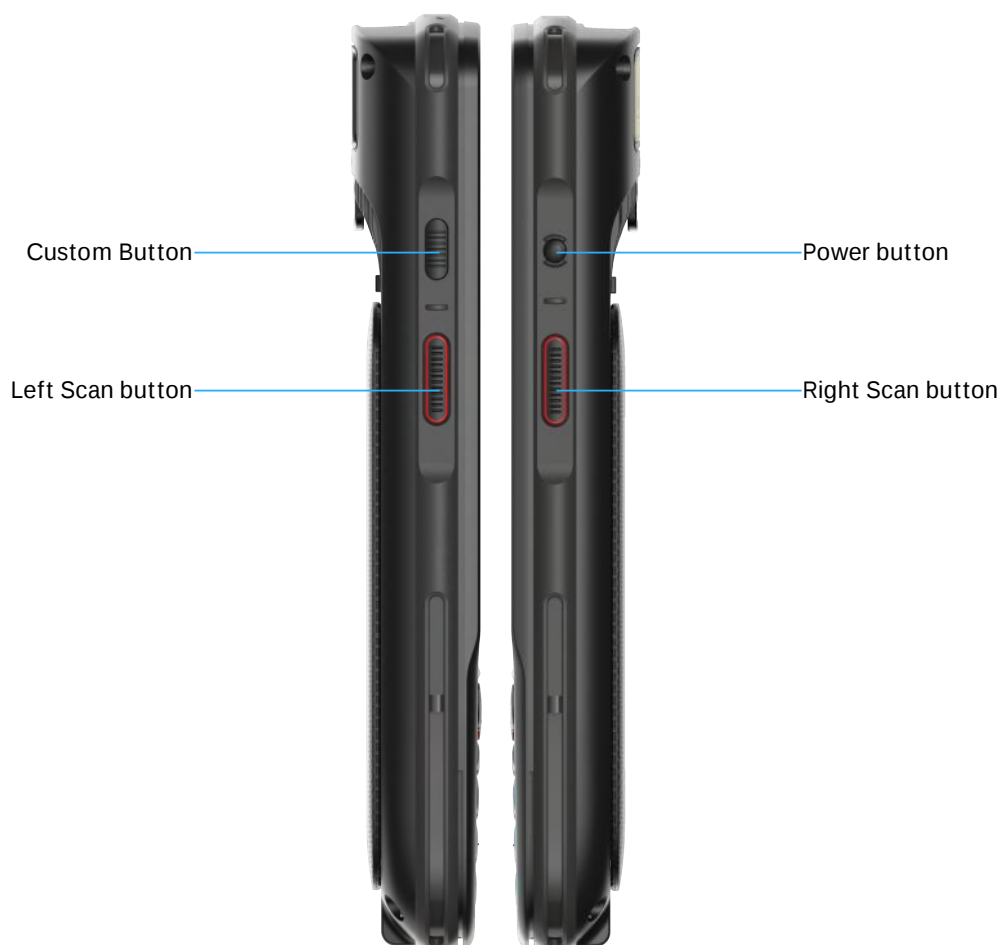
Back



Side



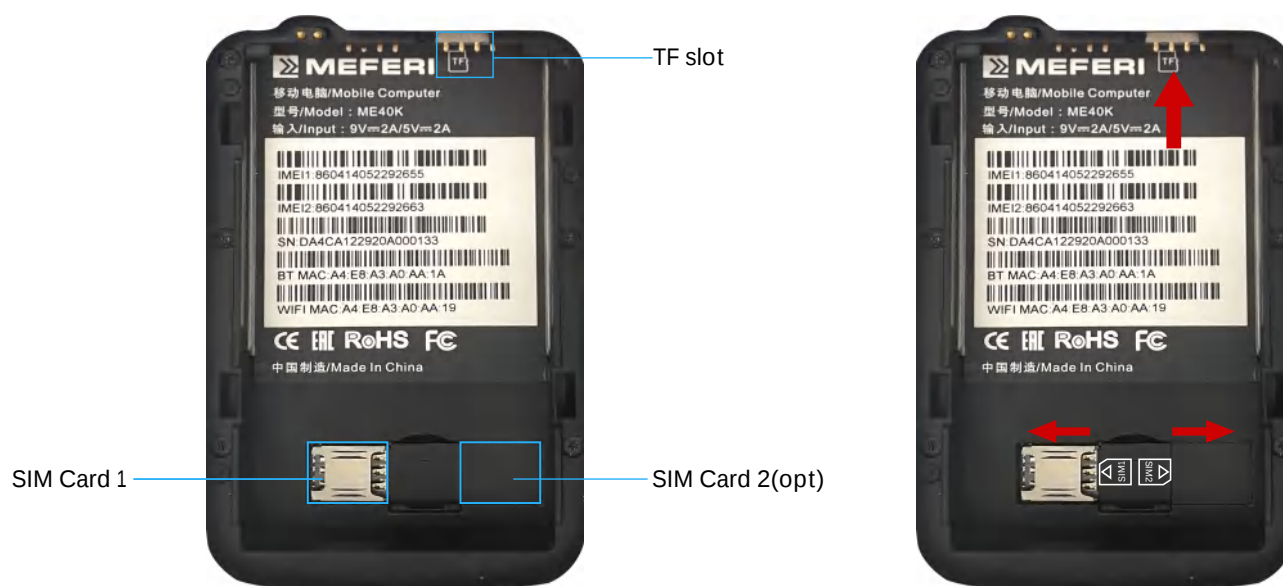
Side



Installation Guide

Instruction on SIM/TF Card installation

Open the battery cover and slide the SIM card to the card slot in the direction indicated by the arrow shown in the picture.



Note:

- SIM card 1, SIM card 2 are Nano SIM cards.
- Overexertion should be avoided when installing or removing the battery.

Instruction of battery

While installing the battery, please note the direction of installing the battery. Load the front end of the battery in the device's battery slot and push the bottom of the battery into the device. Please do not push the battery into the device with force. After installing the battery cover, turn the battery cover fastener right to the lock position.



Caution on Battery Charging

- Please do not use or charge the device in any environment with too high or low temperature;
- Please use the charger or cradle that comes with the product to charge the battery;
- 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 that they become damp or contact with other electronic devices. Do not store the unpacked battery in a stack;
- 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 ;
- The lithium battery should be stored somewhere cool, dry and ventilated. It is advised to be stored in a 0 ~ 28 °C environment.

Charging Method

Charge by USB

For TYPE-C USB cable, link one end to computer and the other to device. In charging, the device's charge indicator is red, which will turn green when the device is fully charged.



TYPE-C USB Cable

Charge by Cradle

A Cradle can charge the device (including the battery) and a battery at the same time.



DC Power Supply



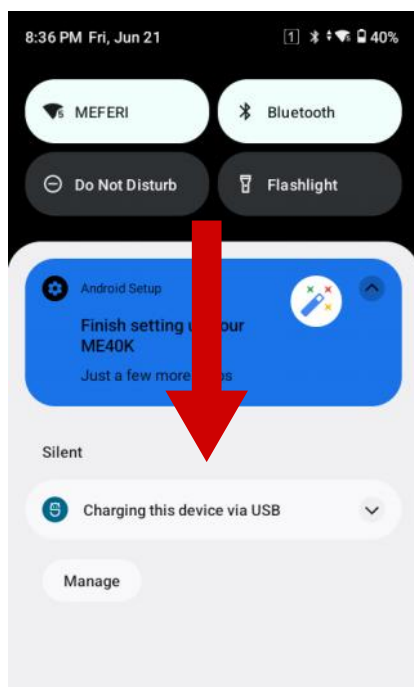
Charging

- 1, Connect the DC interface of the base to the power adapter.
- 2, Load the front end of the battery into the battery slot and push the bottom of the battery into the battery slot to complete battery installation. When the battery is correctly installed, the charge indicator will turn red. When the battery is fully charged, the indicator will turn green.
- 3, Put the back of the device in the slot cradle of the base and fasten left and right fasteners to complete installation of the device. And in this case, the device's charge indicator will turn red.

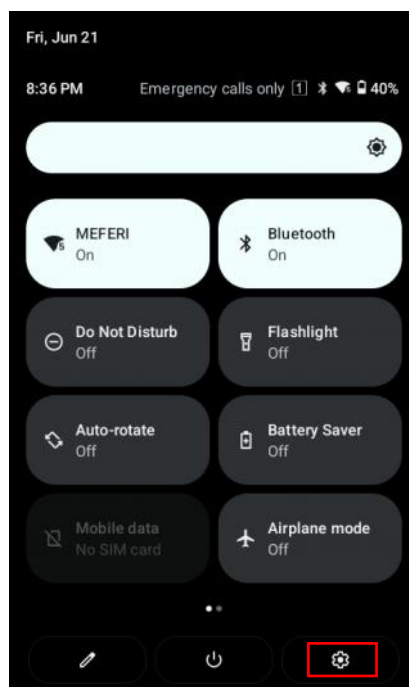
Access Device Settings

Method 1

Swipe down from the status bar to open the quick access panel and touch the settings icon;



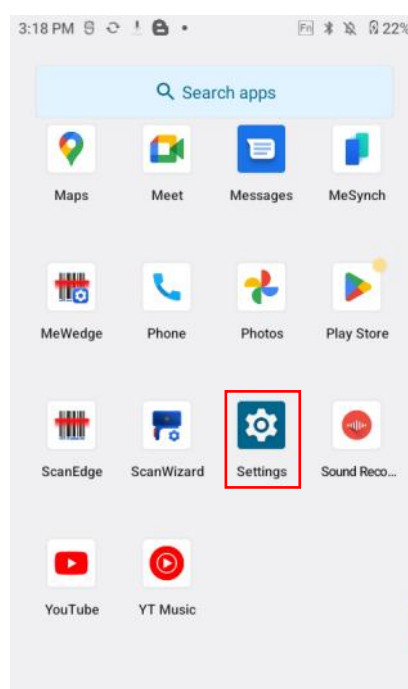
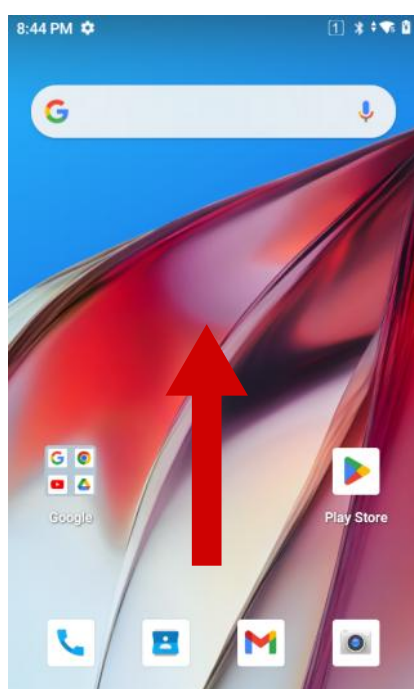
Quick Access Panel



Quick Access Panel

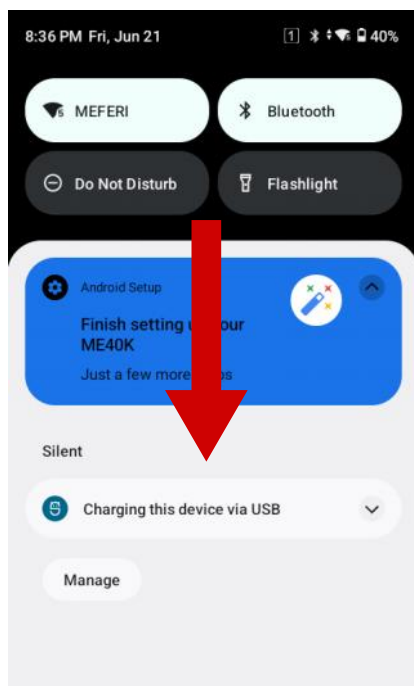
Method 2

In the home screen, pull up the screen and touch the settings icon;

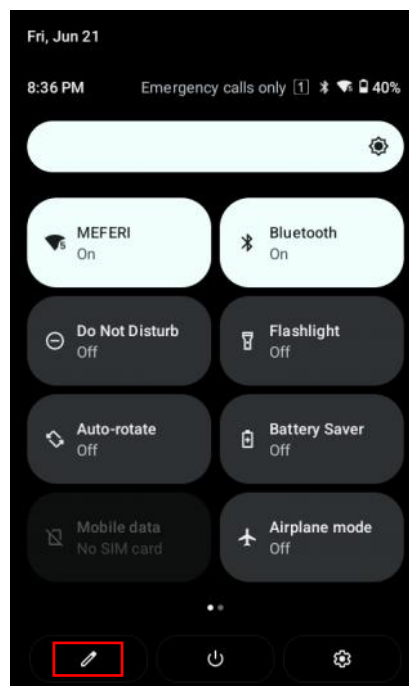


Edit Quick Access Panel

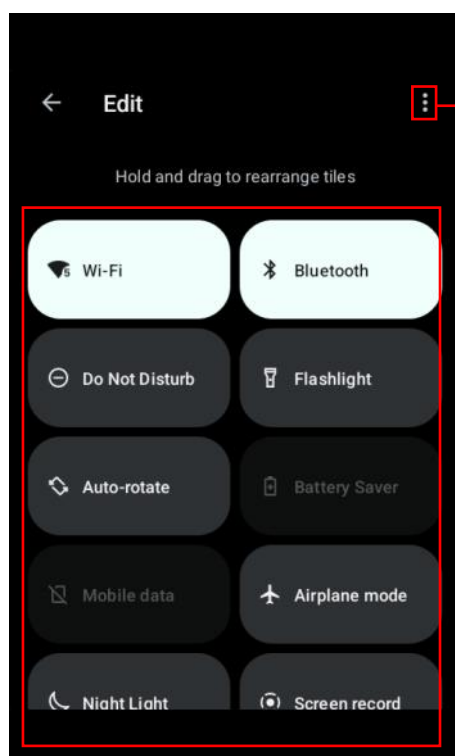
Swipe down from the status bar to open the quick access panel and touch the edit icon;



Quick Access Panel



Quick Access Panel

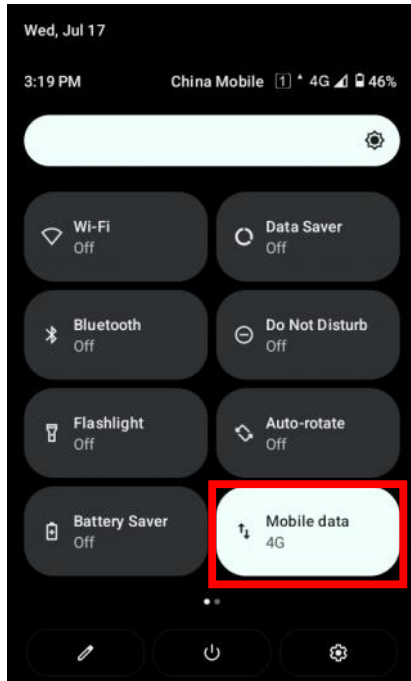


Edit Quick Access Panel

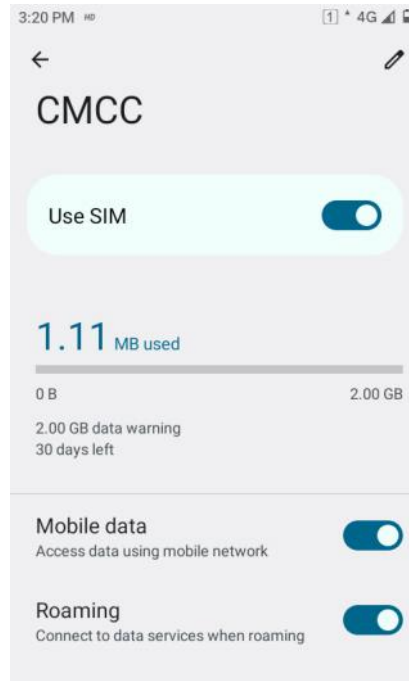
The quick settings panel can be customized by dragging icons.

Data Usage

Touch to open the Mobile data page, where the user may set whether to use data. If yes, drag up or down to set the upper limit and alert value of mobile data or touch and click to set the accurate value of mobile data.



Quick Access Panel



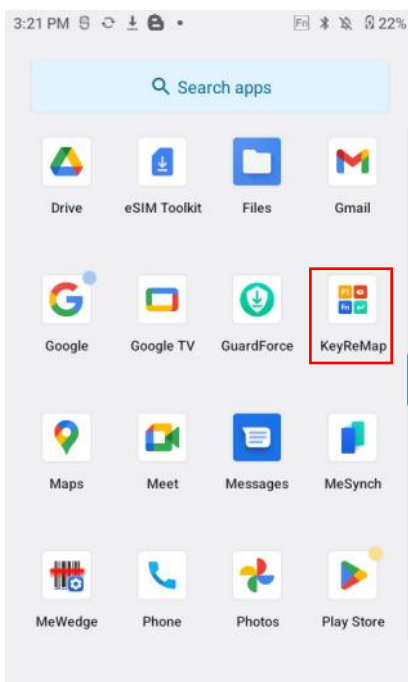
Mobile data

Key Mapping

Key mapping applies to all the physical keys except the power key. Each mapped key can be granted with a new key value.

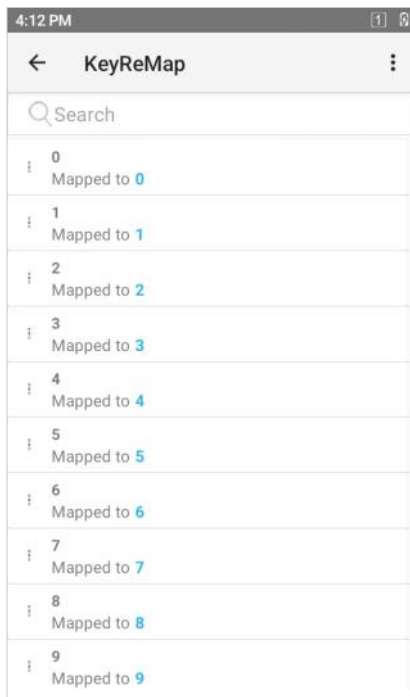
Steps for key mapping:

1, Open KeyRemap



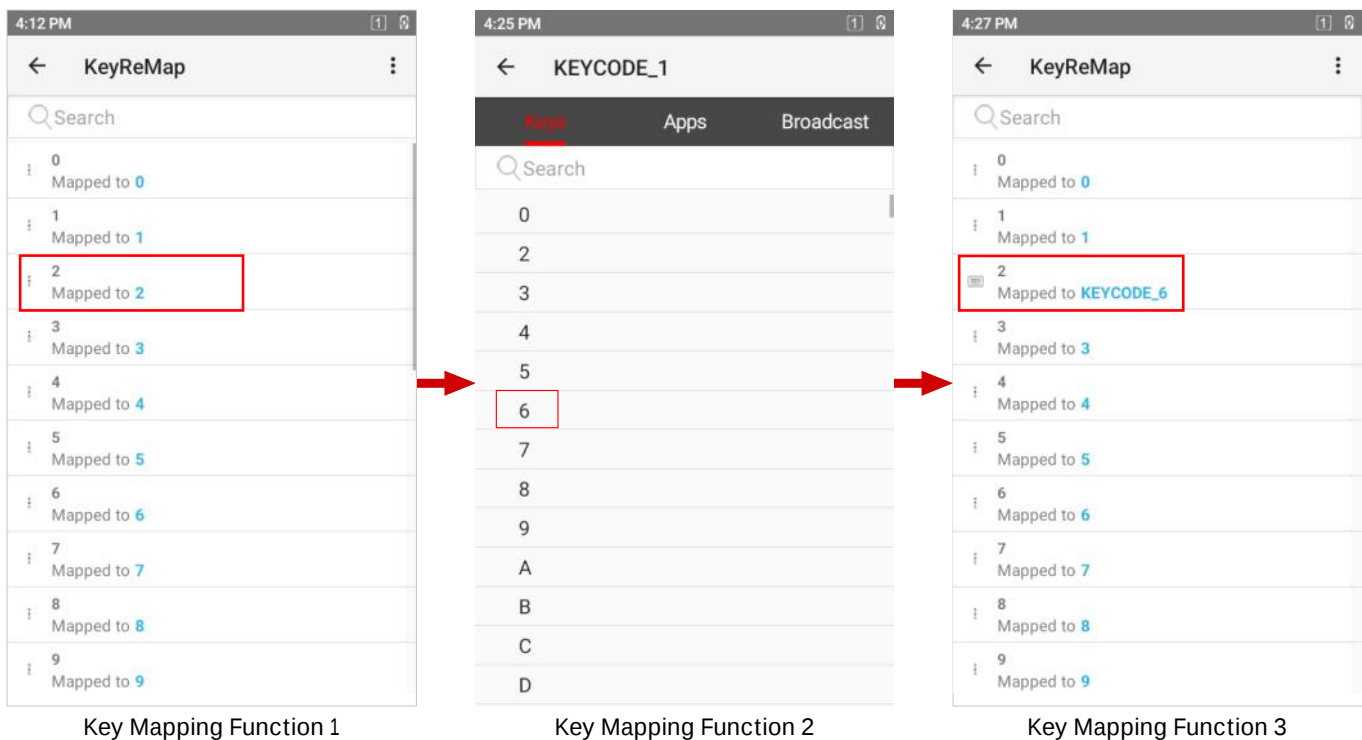
Key Mapping

2, Touch KeyRemap

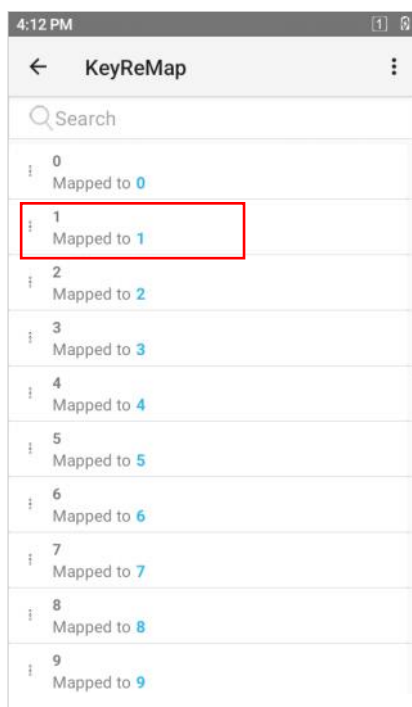


Mapping Function Enabled

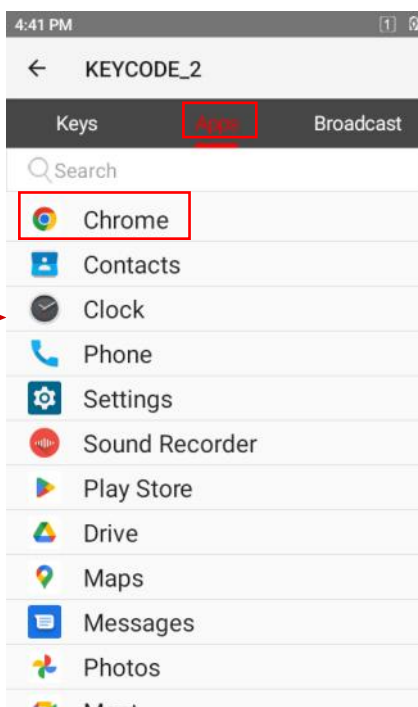
3, Tap Mapping Function - Replace by a New Key, press the physical key for key mapping, the key value and name will be shown;



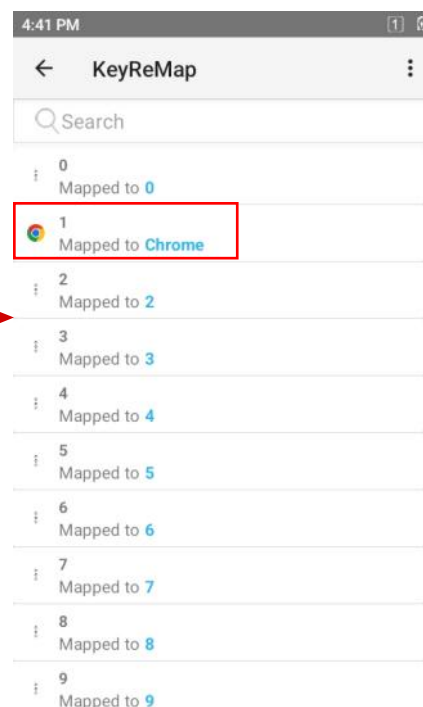
4, Tap Mapping Function - Replace with App, press the physical button to map the button, and select APP;



APP Mapping Function 1

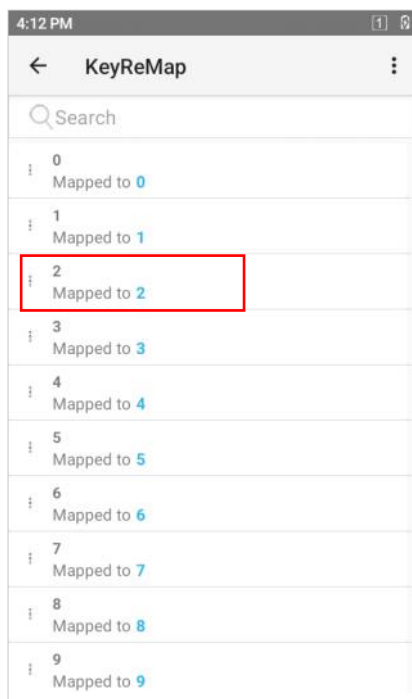


APP Mapping Function 2

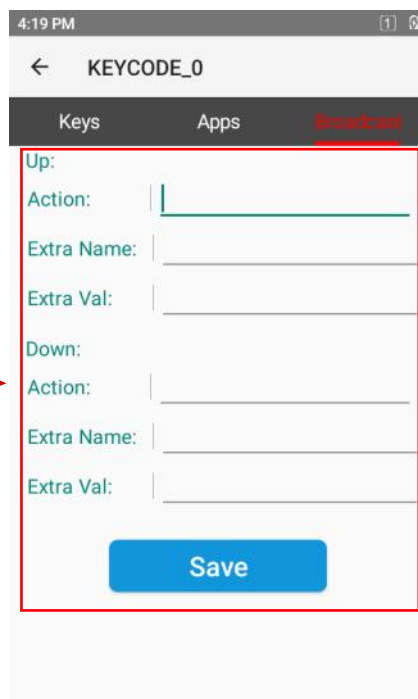


APP Mapping Function 3

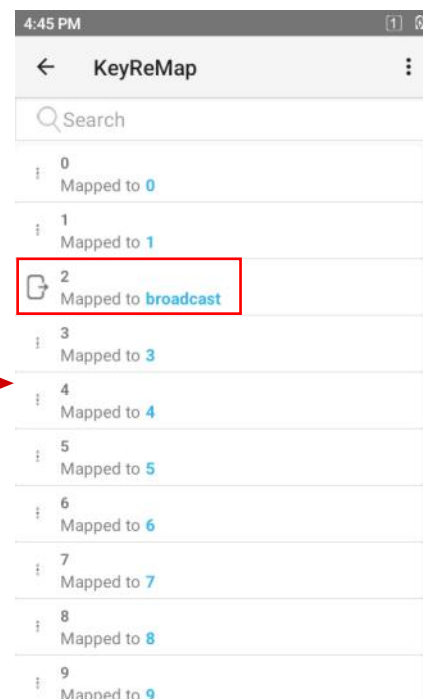
5, Tap Mapping Function - replace with broadcast, press the physical button to map the button, select broadcast, edit the content, and click Save;



Broadcast Mapping Function 1



Broadcast Mapping Function 2

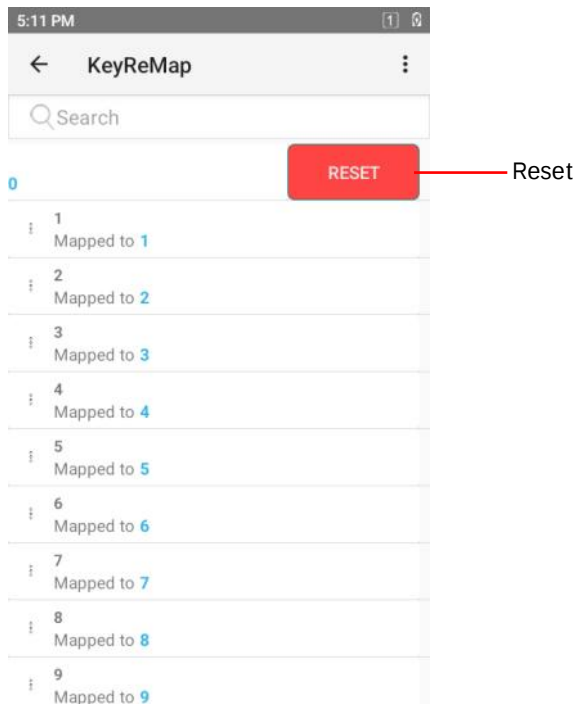


Broadcast Mapping Function 3

Manage key mappings

Delete key mapping settings

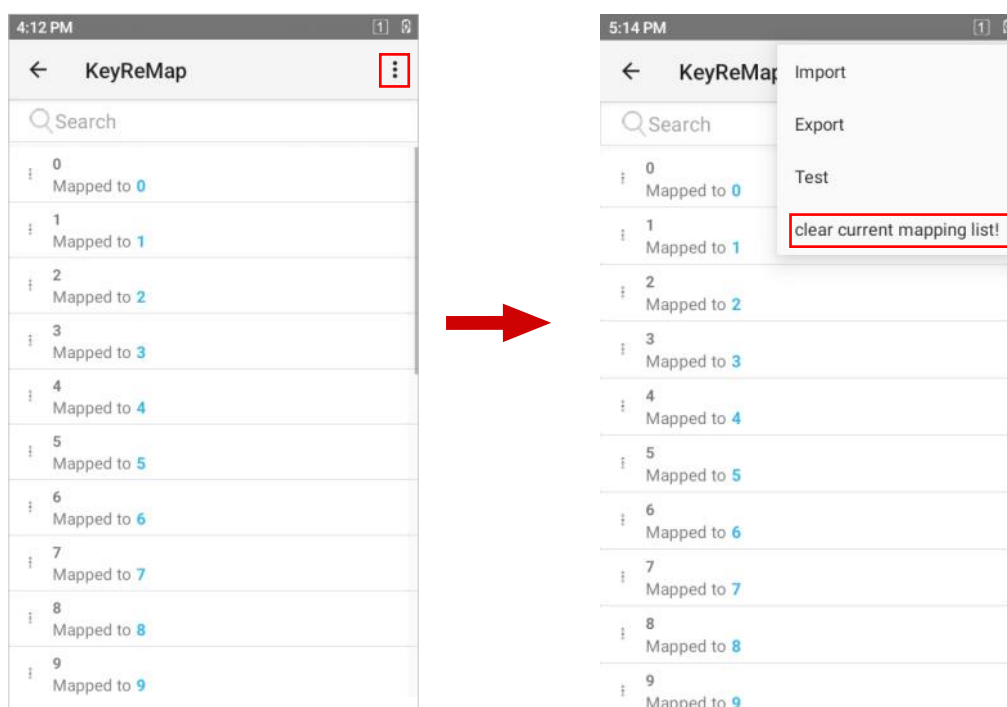
Slide a certain option in the list to the left to reset the key to the default settings and clear the key's mapping value;



Key Mapping Reset

Reset mapping key

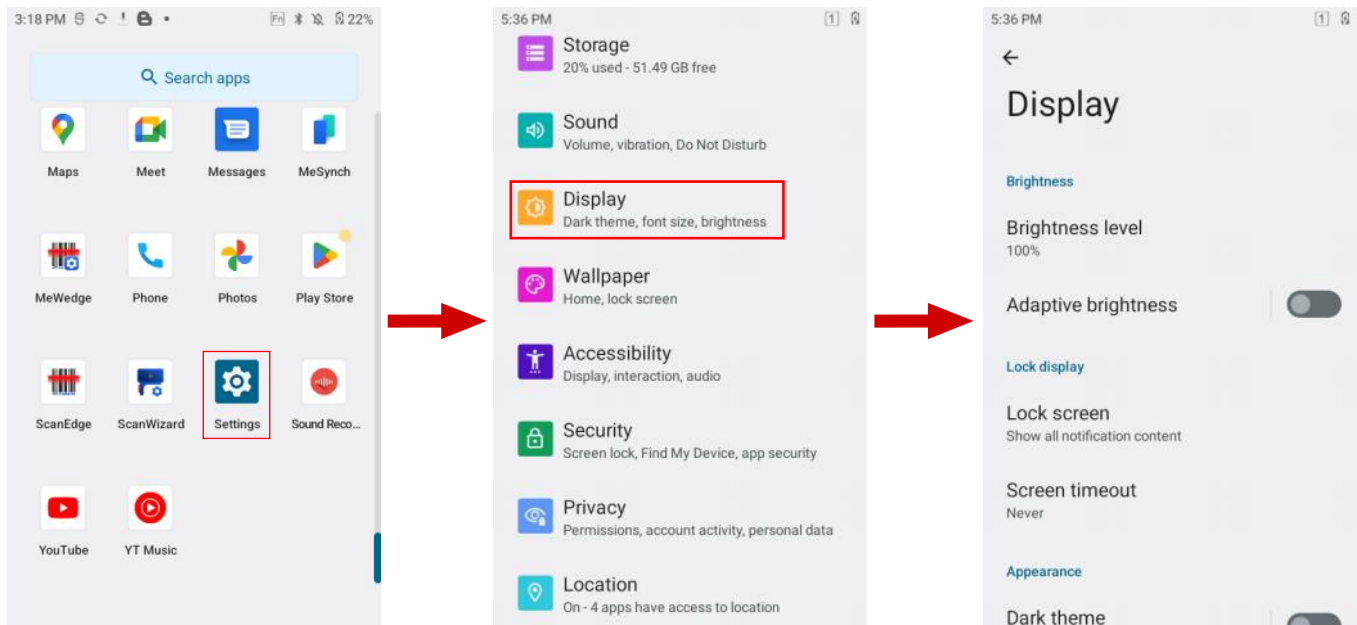
Touch the menu key at the top right corner to reset the value of each mapped key and restore the default value of each physical key.



Display

Display settings include settings of brightness, night mode, wallpaper, screen rotation, sleep time and font among other functions.

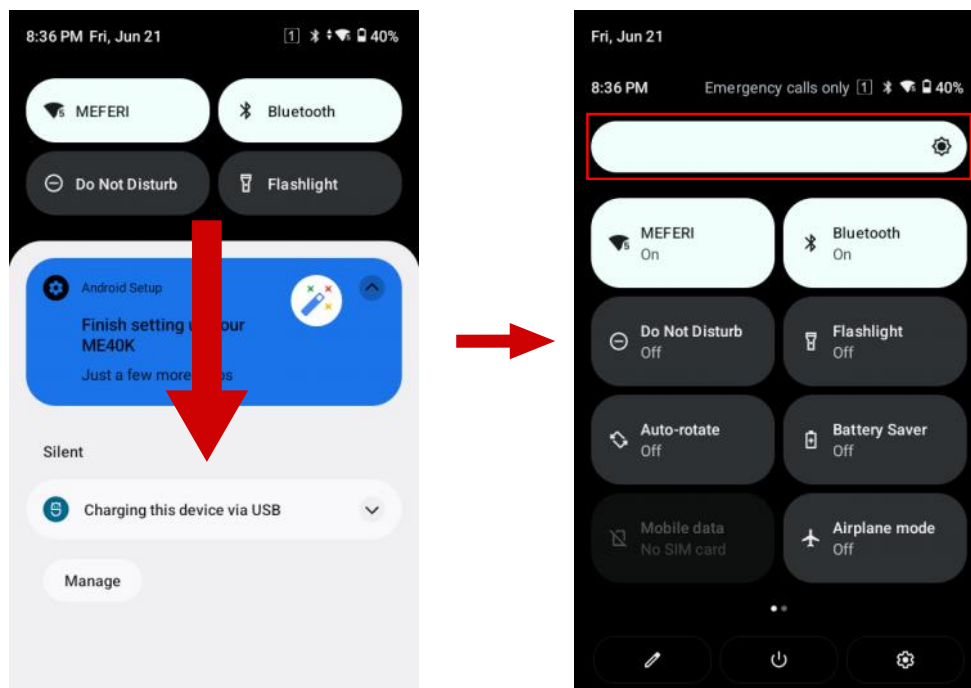
Open Settings-Display



Screen Brightness Settings

Method 1

- 1, Pull down the status bar to open the quick access panel;
- 2, Move the brightness control icon to alter brightness level.

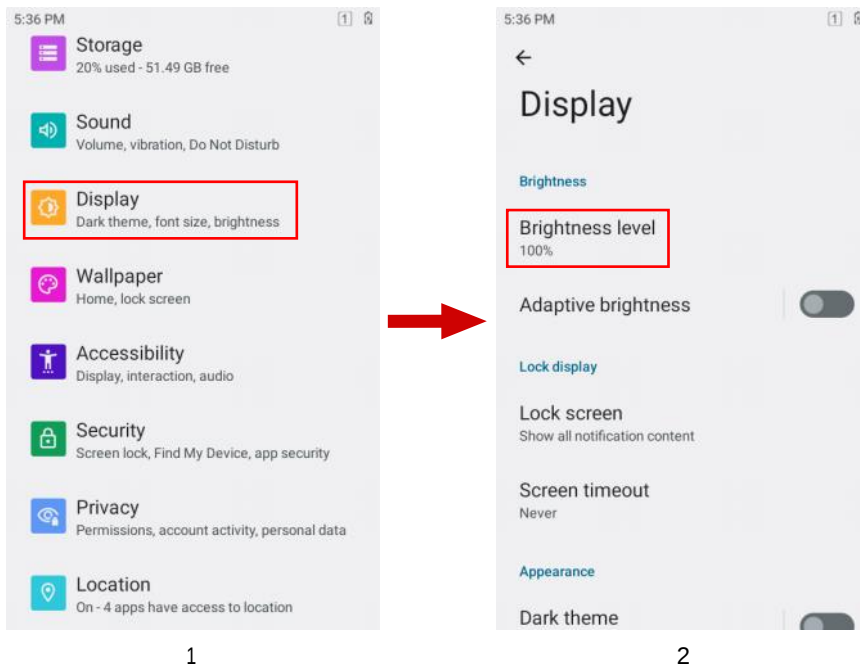


1

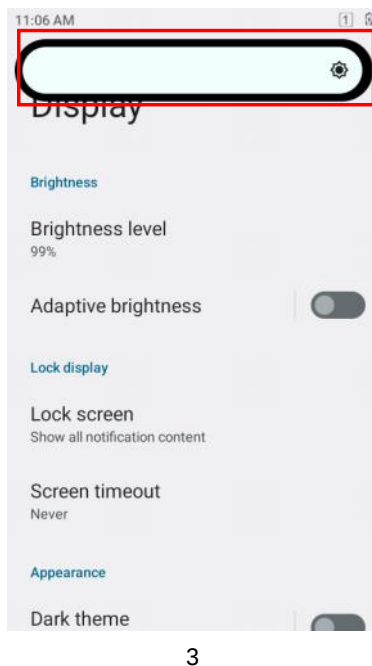
2

Method 2

1, Open Settings - Display - Brightness level



2, Move the brightness control icon to alter brightness level.

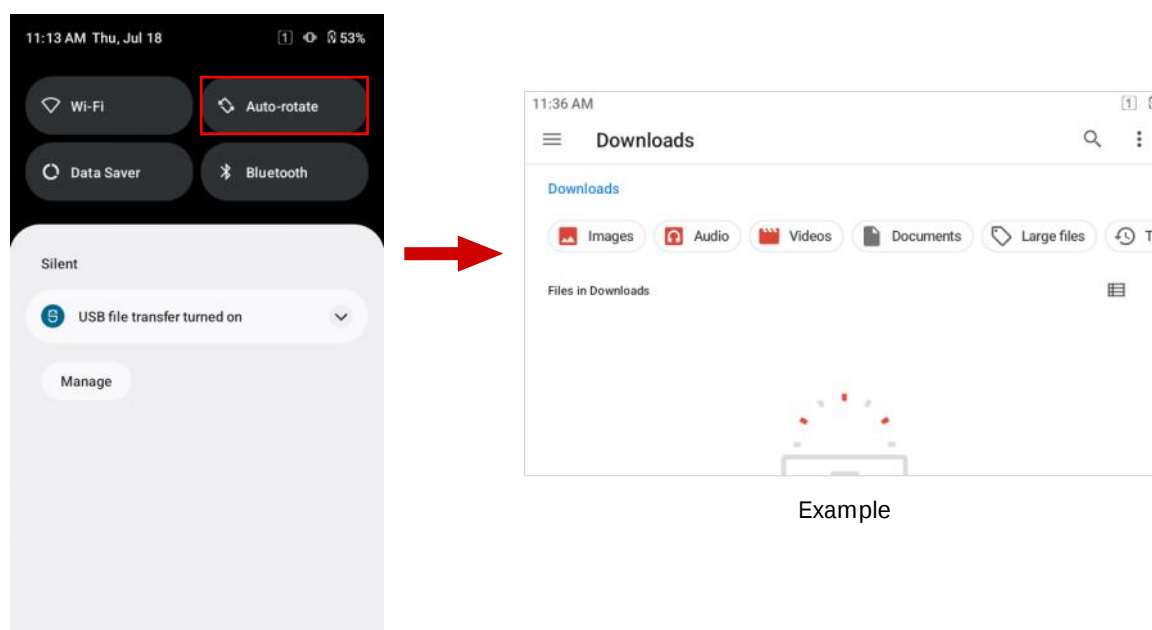


Screen Rotation Settings

By default, screen rotation is disabled. To enable screen rotation:

Method 1

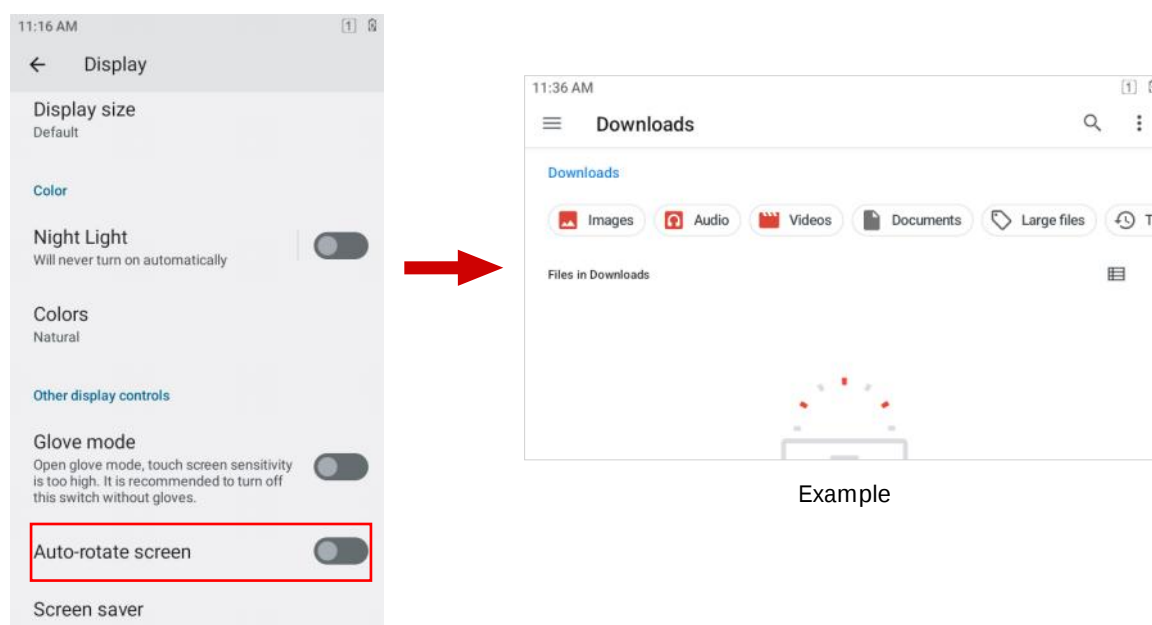
Pull down the status bar and click the screen rotation icon;



Example

Method 2

Open Settings - Display - Auto - rotate screen.



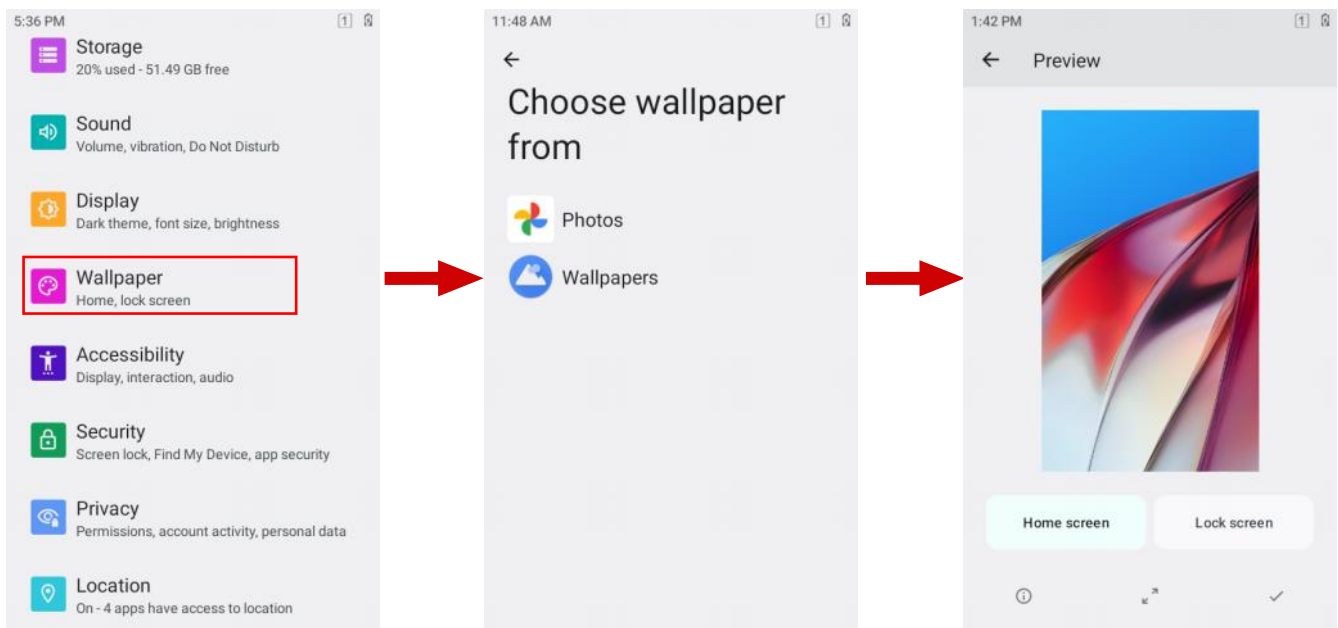
Example

Note: rotation is not available for the home screen interface.

Screen Wallpaper Settings

Method 1

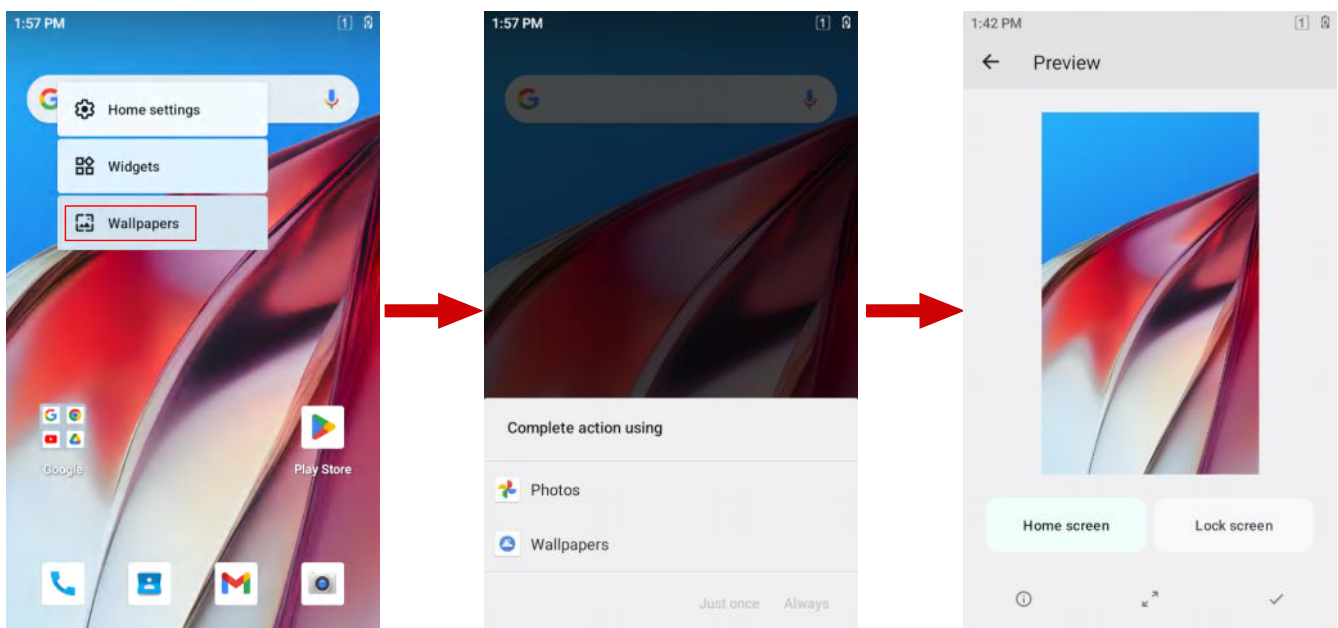
Open Settings - Wallpaper to replace the wallpaper.



Example

Method 2

Long press the blank in the home screen to replace the wallpaper.

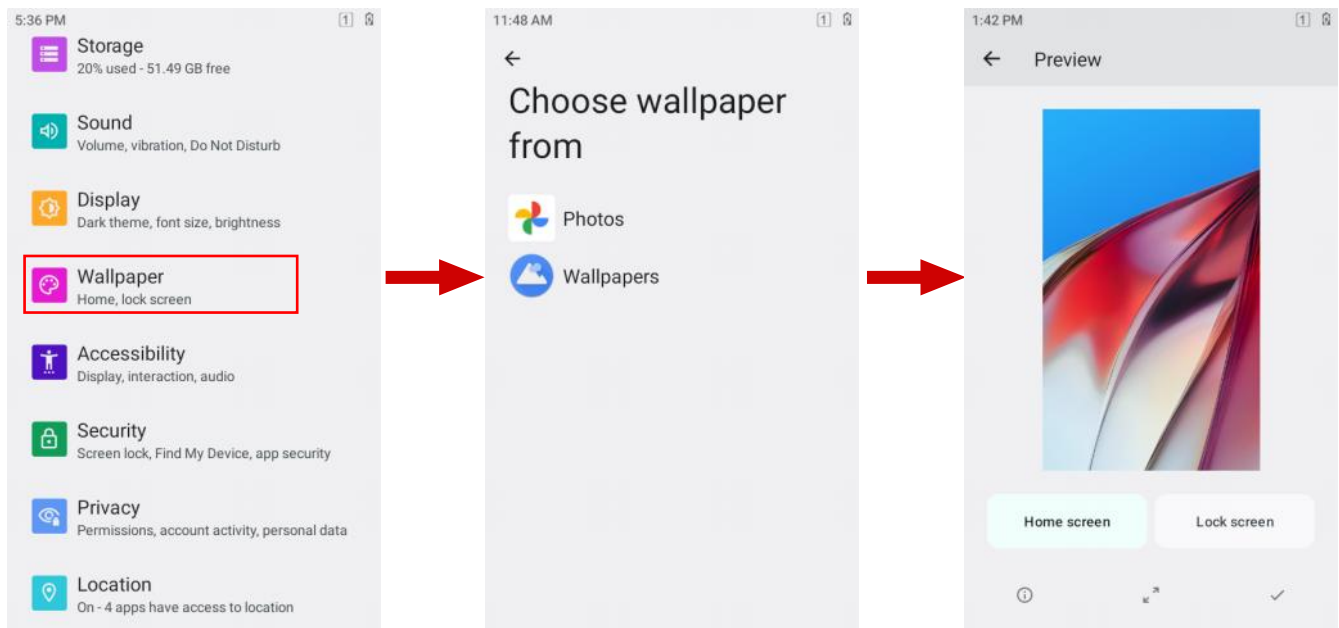


Example

Sleep Settings

User may make ME40K sleep if not using it for a moment.

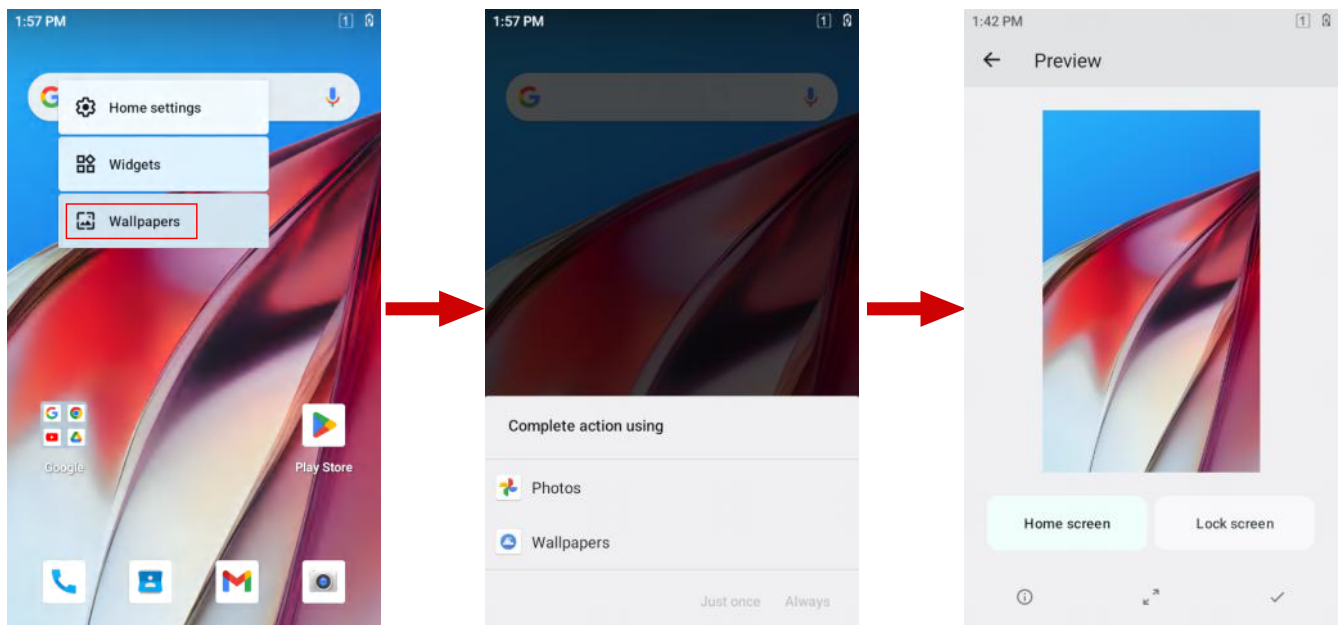
ME40K is in the sleep status, user may directly press the power key to wake up the screen and unlock to back to the program interface.



Example

Method 2

Long press the blank in the home screen to replace the wallpaper.



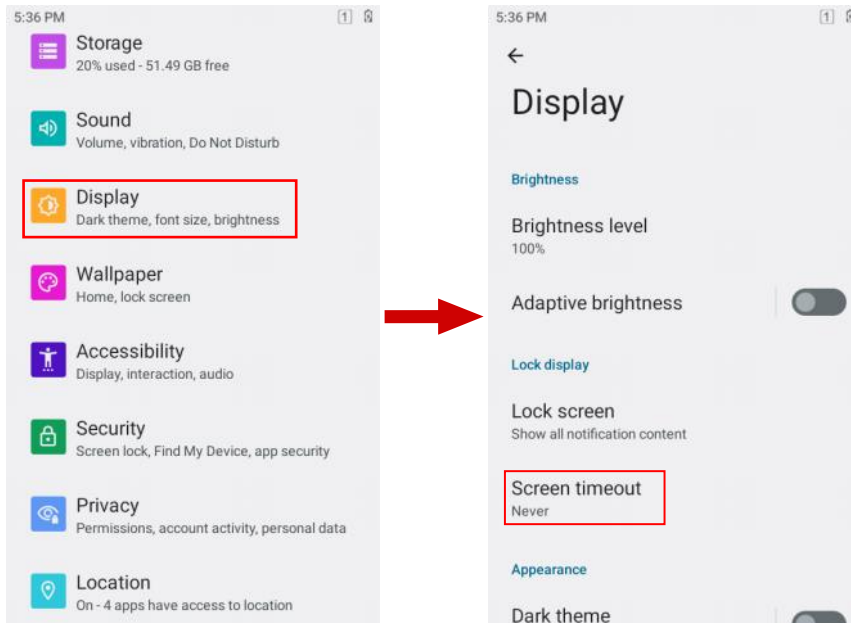
Example

Sleep Settings

User may make ME40K sleep if not using it for a moment.

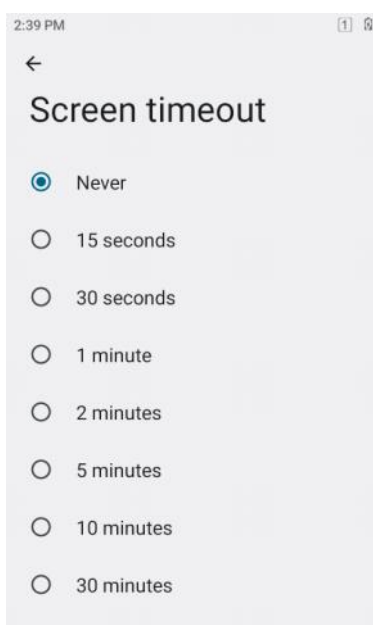
ME40K is in the sleep status, user may directly press the power key to wake up the screen and unlock to back to the program interface.

1, Open Settings - Display - Screen timeout.



2, Select a sleep time.

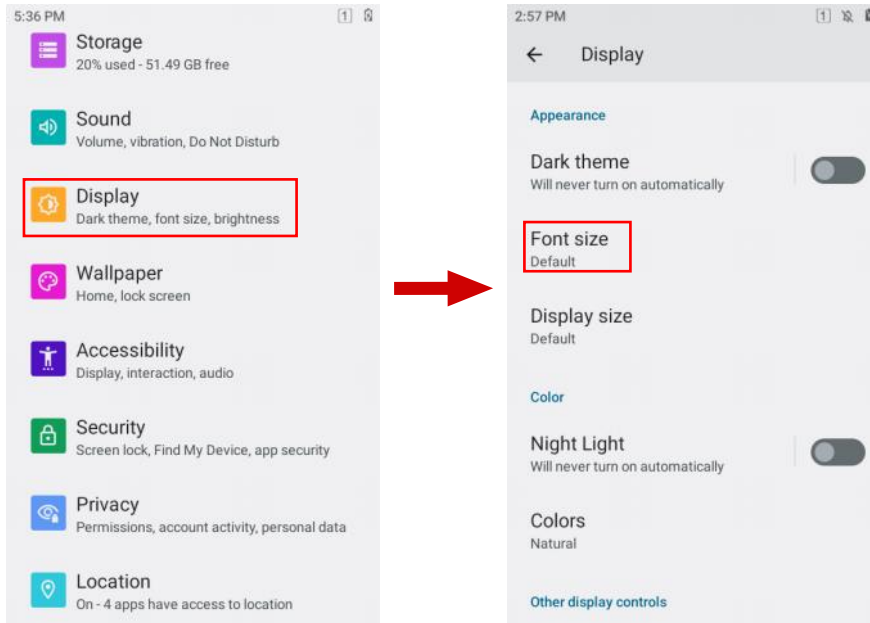
- Never
- 15 seconds
- 30 seconds
- 1 minute
- 2 minutes
- 5 minutes
- 10 minutes
- 30 minutes



Font Settings

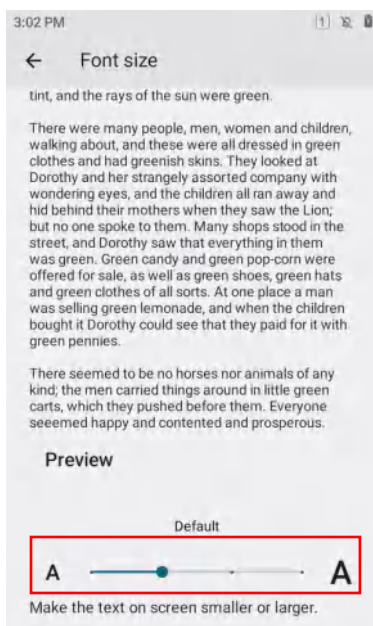
The settings are concerned with alteration of size of each font.

1, Open Settings-Display - Font size.



2, Select font size.

- Small
- Default
- Large
- Largest

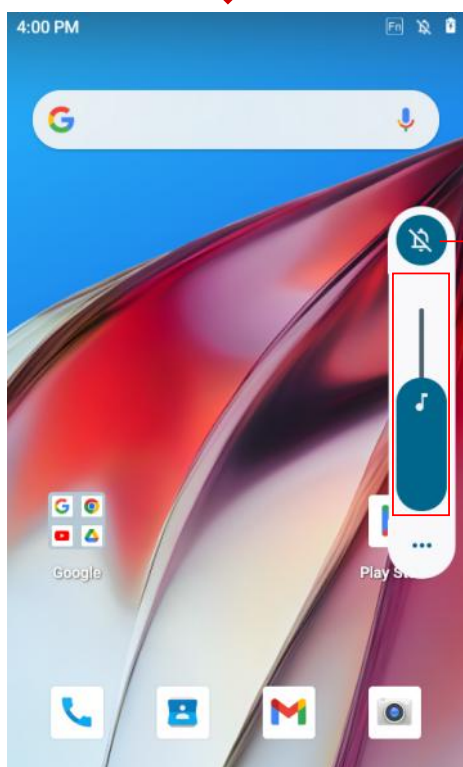


Sound Settings

1, Press the Fn key first, the Fn indicator light will light up, and the blue function will be activated.



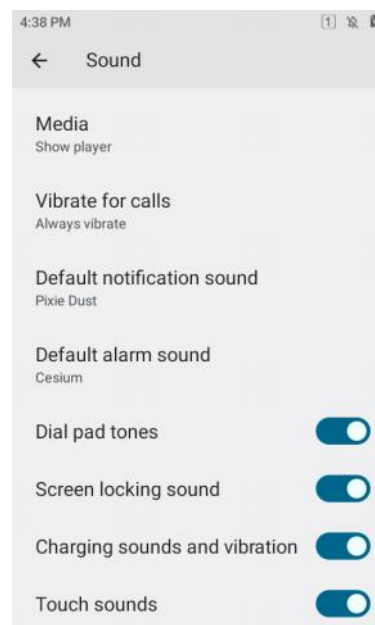
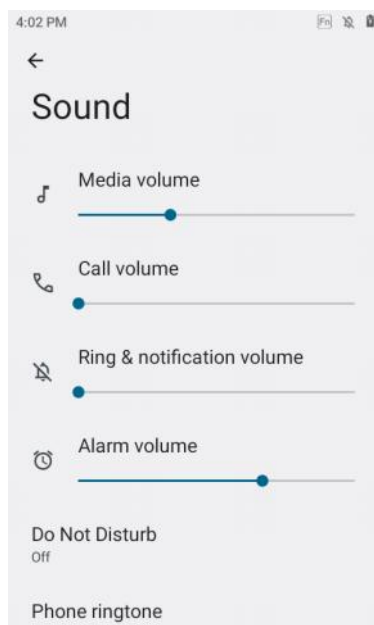
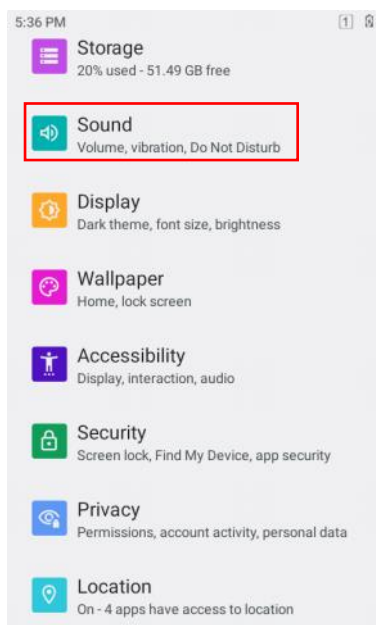
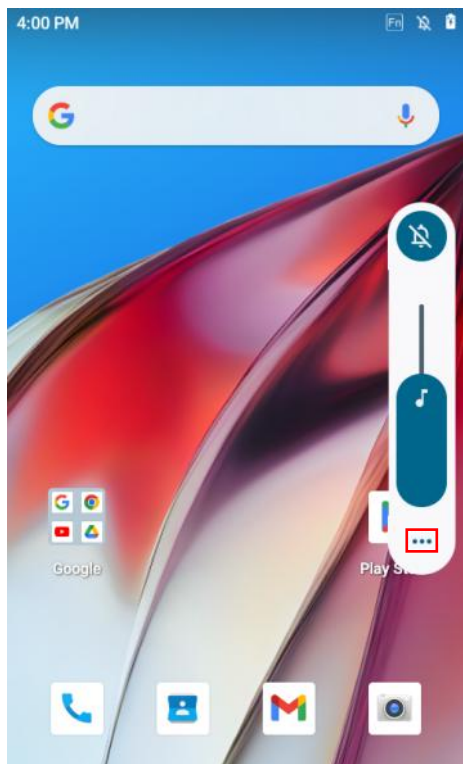
2, Press the number 2 key to increase the volume, or press the number 8 key to decrease the volume.



Silent, Vibrate, Sound

3, Slide the volume icon up and down to set the volume.

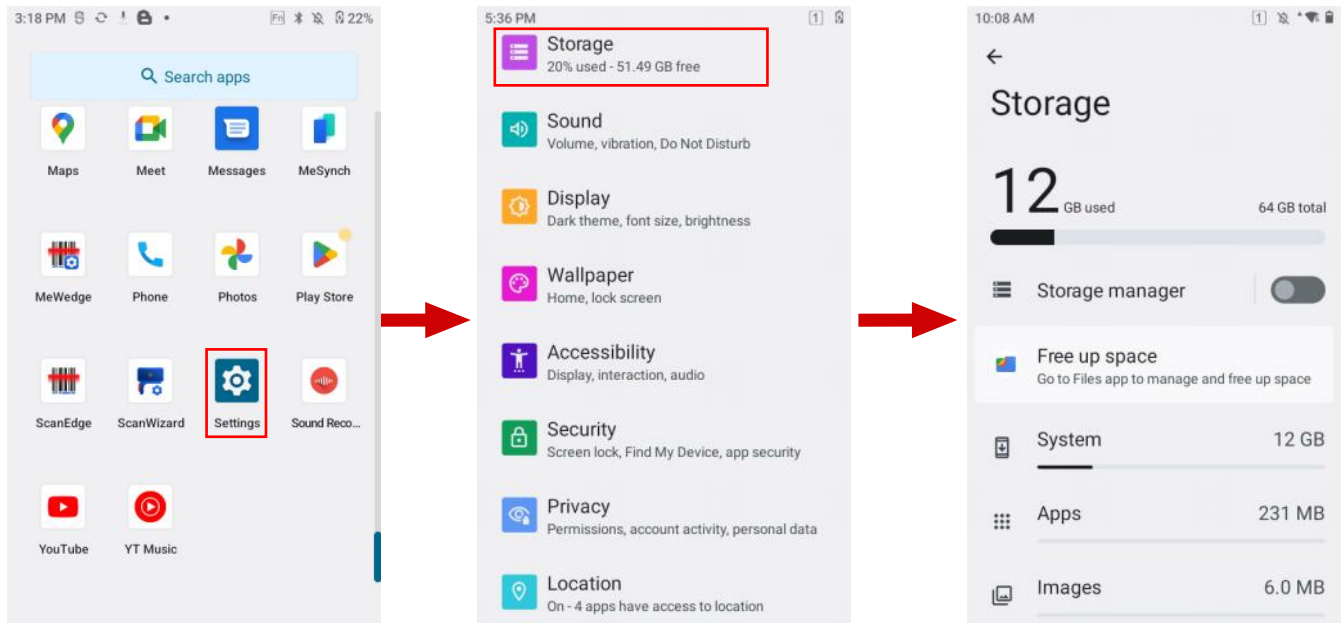
4, Click the menu icon to open the sound settings interface, where you can set the media volume, call volume, ringtone volume, alarm volume.



Storage

This function is to view internal space for storage. The system makes data statistics on files in the device type by type.

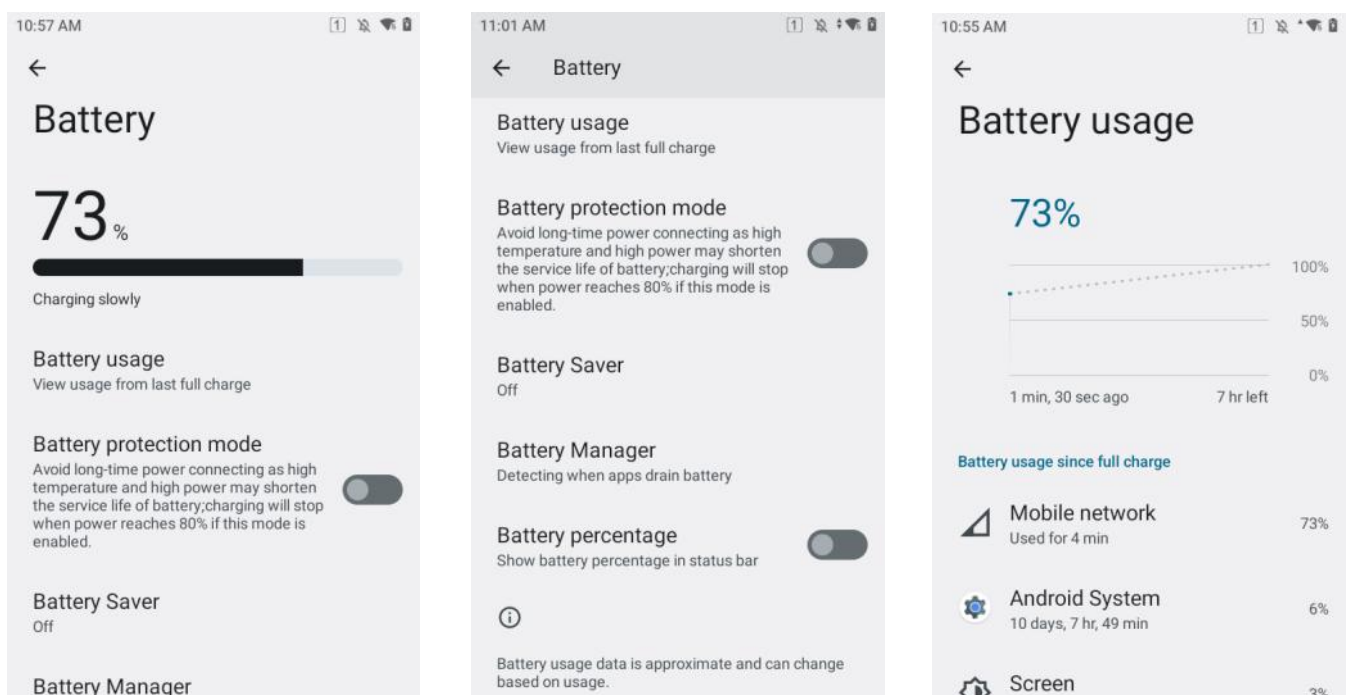
1, Open Settings - Storage.



Battery Management

Users can view power usage, regulate or shut down apps for power control, and turn on the power saver mode.

1, Open Settings - Battery.



Battery Optimization

Please follow the tips below to save the battery power:

- Set the screen to sleep after idling for a while. See Sleep Settings for details.
- Clear the background of all apps to enter the power-saving mode
- 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.

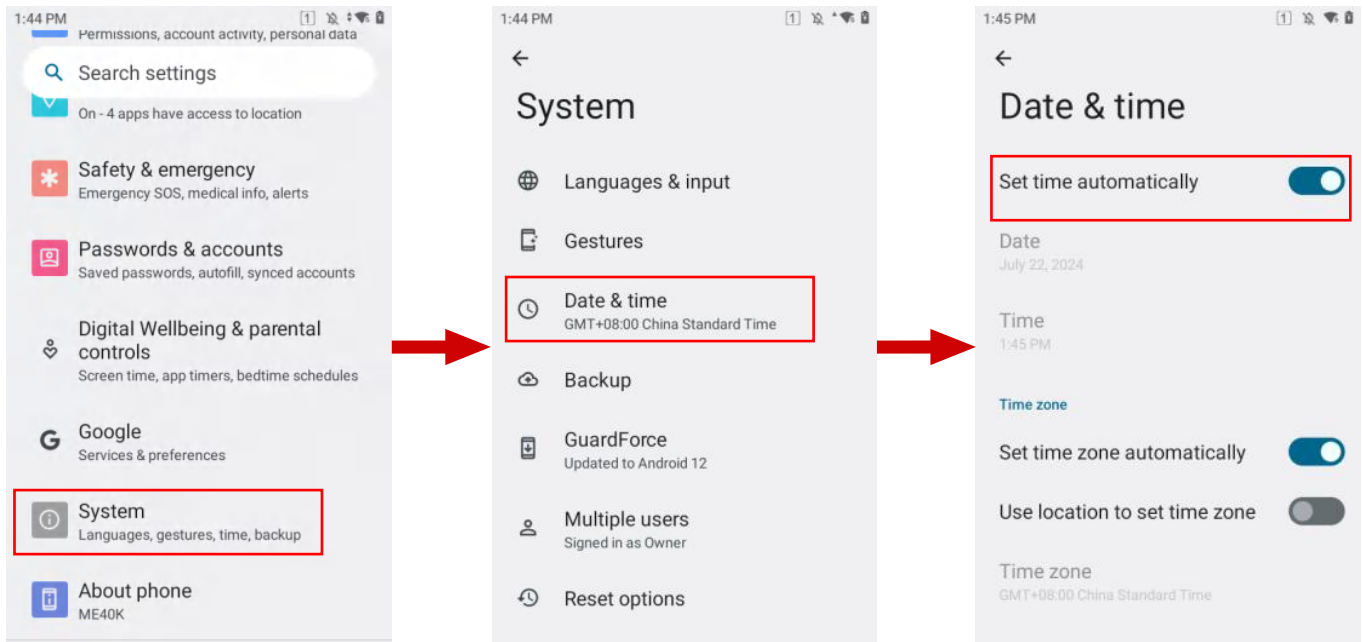
Date and Time Settings

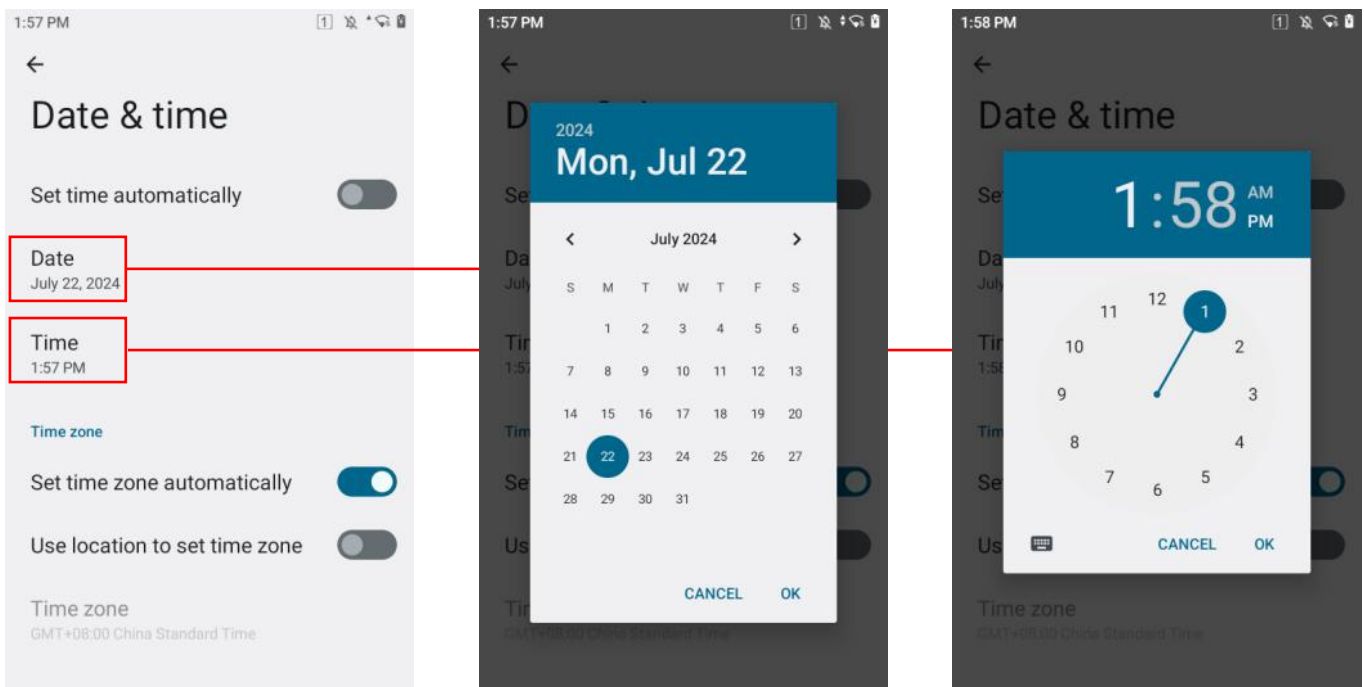
As ME40K is networked, the system will automatically update the time and date. Users need set the time zone only.

If time is not updated, please check whether the device is networked or whether the current WLAN supports the network time protocol (NTP).

Where manual settings are needed, please take the following steps:

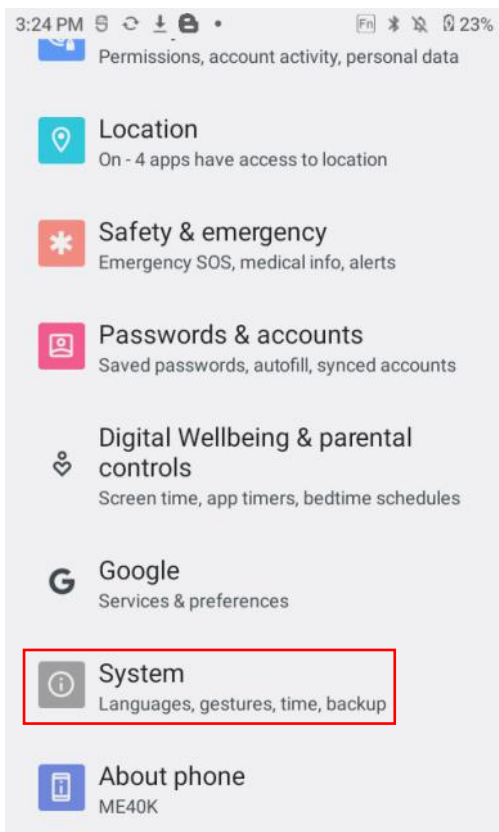
1. Open Settings-System.
2. Date & time.
3. Disable Automatic Set Date and Time.
4. Modify time and back.

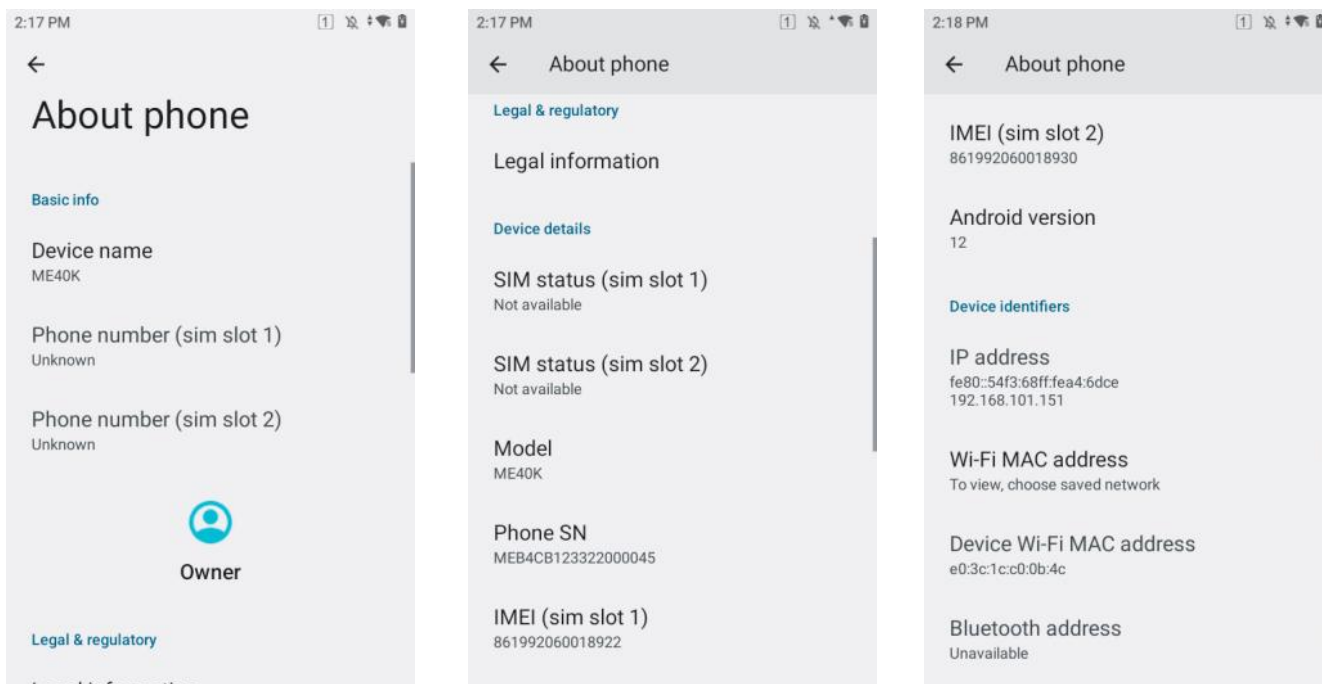




About Device

Open Settings - About phone to view information of this Terminal Device.

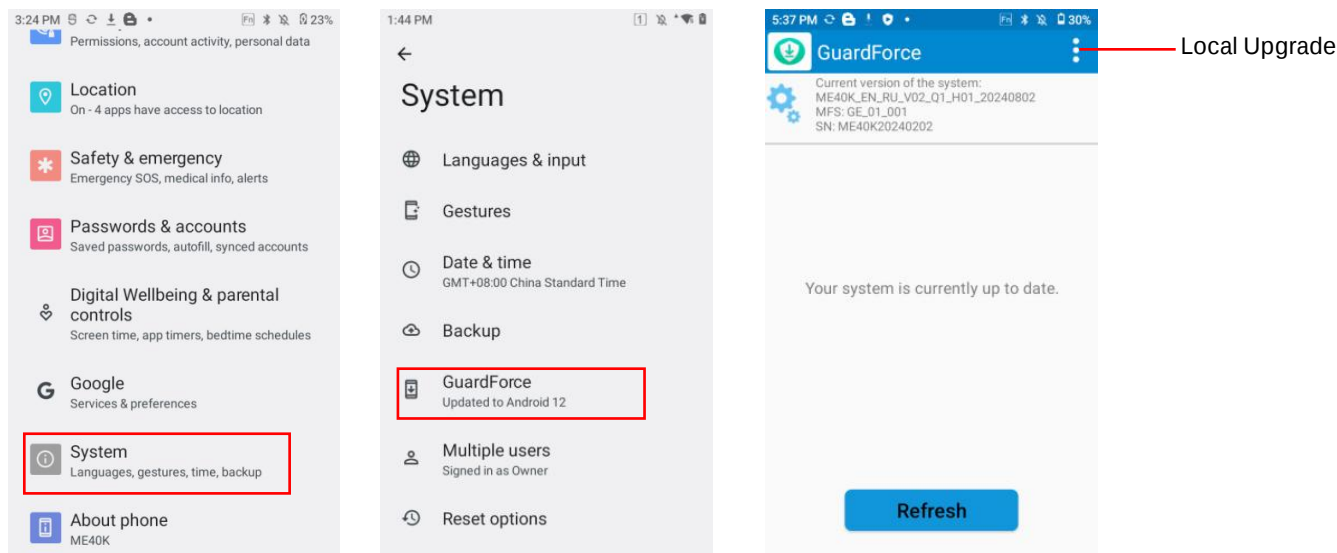




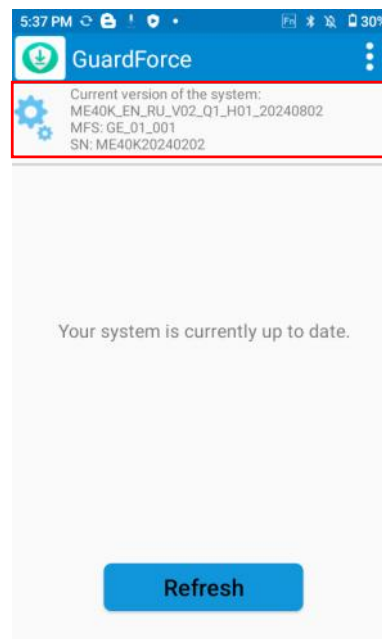
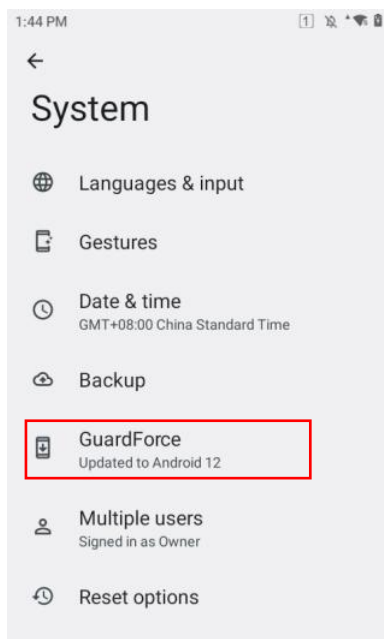
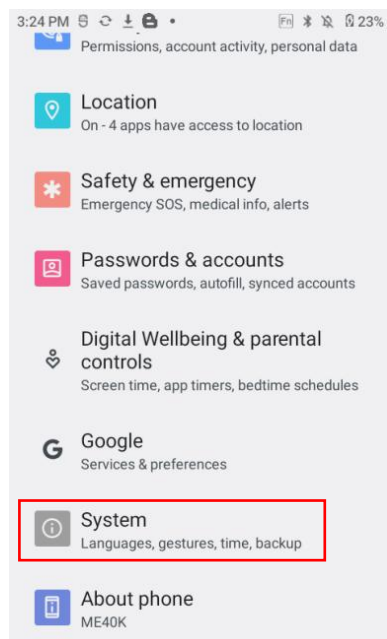
- SIM status--view carrier, signal strength, IMS and other information.
- Model--view the device's model and SN.
- SN--display the device's unique identifier--SN.
- IMEI information--view IMEI1, IMEI2 information.
- Android version--view the device's Android version.
- IP address--display the device's IP address.
- Wi-Fi MAC address--display the device's WIFI physical address.
- Bluetooth Address--display the device's Bluetooth address.

Upgrading

Local Upgrading. Open Settings - System- "GuardForce" - Select Local Upgrade.



Remote Upgrading. Open Settings - System - "GuardForce", For remote upgrading, please contact MEFERI's technical support team, And provide the device SN number and current version.



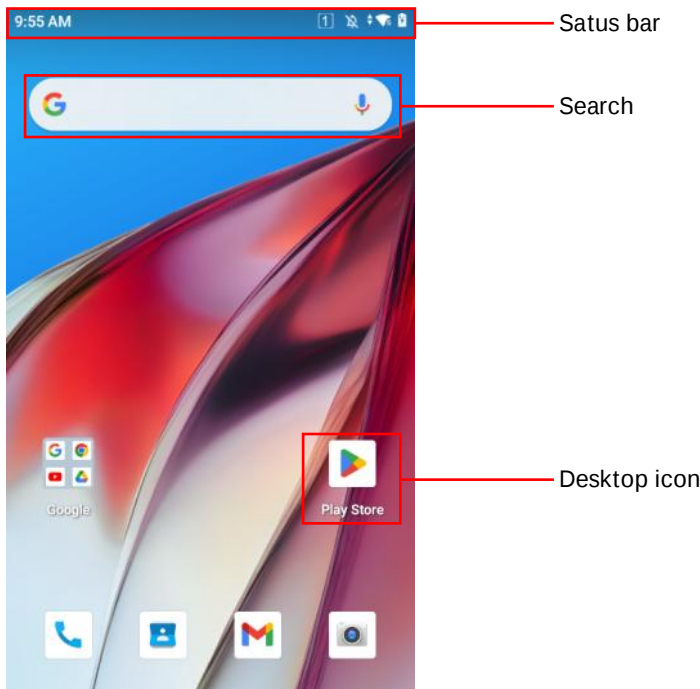
Chapter II Using The Device

Introduction

This chapter introduced buttons, status icons and control keys in ME40K and gives basic instructions

Home Screen

If you use updated editions, editions may vary from each other in some operations, which will depend on each real product.



Status Bar

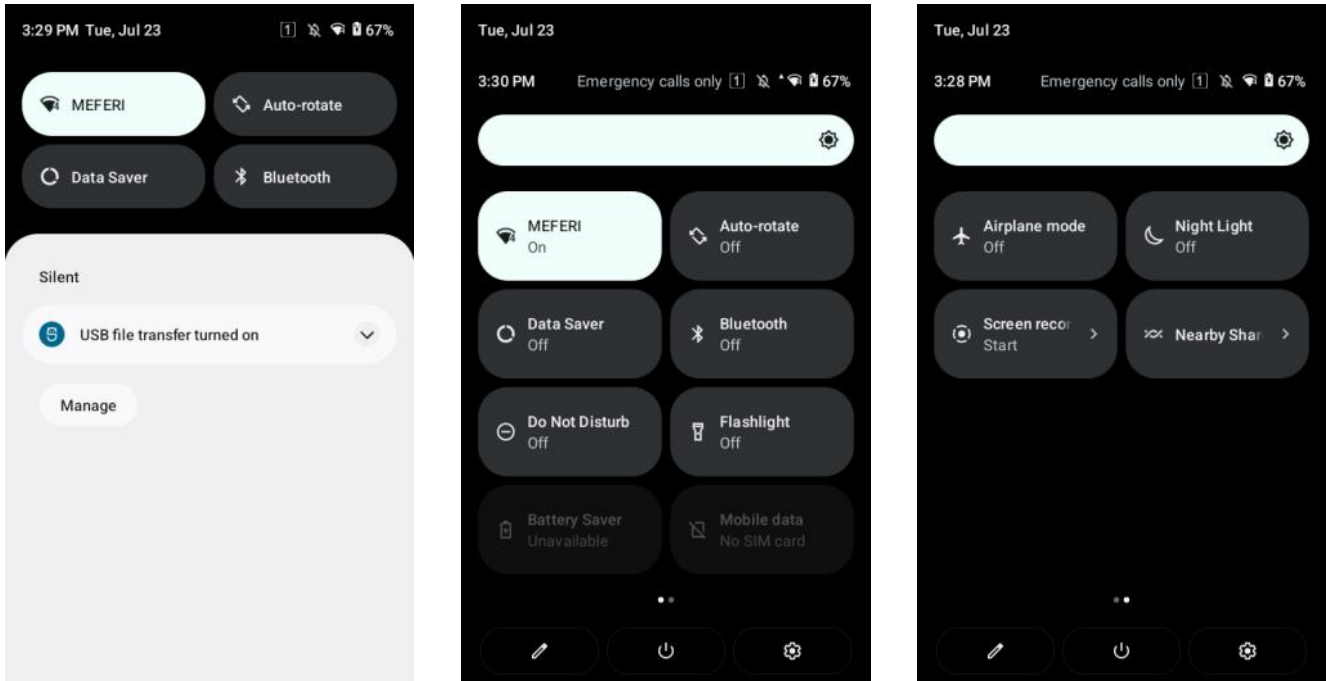
Status icon list



Battery		Full power
		Medium power
		Low power
		Charging
Network signal		Good signal
		Unstable signal
	None	SIM card not installed
		No service
Wi-Fi		Wi-Fi connected
	None	Wi-Fi switched off

Quick Access Panel

The quick access panel is for quick general settings. Given that this function is not off, users may pull down the status bar to open the panel. Touch the icon to quickly turn on or off this function



Usage of Touchscreen

Use the multi - touch - sensitive screen to operate the device.

1, Light touch - light touch to:

- Select any screen option
- Enter letters and signs in the screen keyboard
- Press any screen button.

2, Light touch press and hold - light touch, press and hold to:

- Make any home screen option move to a new position or be deleted.
- Create a home screen shortcut for a certain App.
- Open the home screen menu for user-defined home screen settings.
- Blank out the home screen till the menu is seen.

3, Drag - light touch:

- Press for a short time and hold a certain option, and finger the option in the screen to a new position.

4, Slide - slide to:

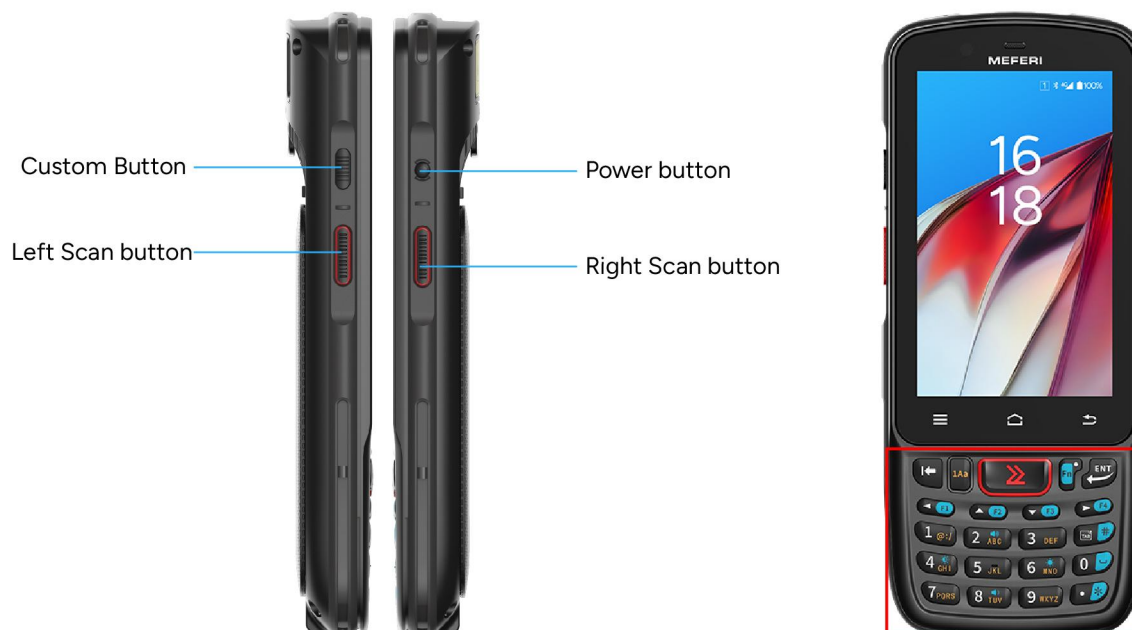
- Slide up/down or left/right in the app center interface to browse different app icons.
- Slide in the lock-screen interface to set the unlocking pattern to unlock the screen.

5, Long press - long press to:

- Long press the home screen to call the MENU function.
- Drag any app or tool shortcut.

Keyboard Input

Physical key.



- Scan button: Scan barcode.
- Power button: trigger and long press the power key to call the power menu bar.
- Custom Button: key - value - free and user - defined. See Key Mapping for details.

Buttons	Normal FUNC	When press 1Aa	When press Fn
	Backspace	Backspace	Backspace
	Num and caps lock	Num and caps lock	/
	Scan	Scan	Scan
	Function key switch	/	Function key switch
	Enter	Enter	Enter
	Left	Left	F1
	Up	Up	F2
	Down	Down	F3
	Right	Right	F4
	1	"@" "":"/"Switch	1

Buttons	Normal FUNC	When press 1Aa	When press Fn
	2	Caps lock for A, B, C	volume up
	3	Caps lock for D, E, F	3
	4	Caps lock for G, H, I	Brightness Down
	5	Caps lock for J, K, L	5
	6	Caps lock for M, N, O	Brightness Up
	7	Capslock for P, Q, R, S	7
	8	Caps lock for T, U, W	volume Down
	9	Caps lock for W, X, Y, Z	9
	TAB	TAB	#
	0	0	Space
	.	.	*

App Profile

System apps are set forth in the following table.

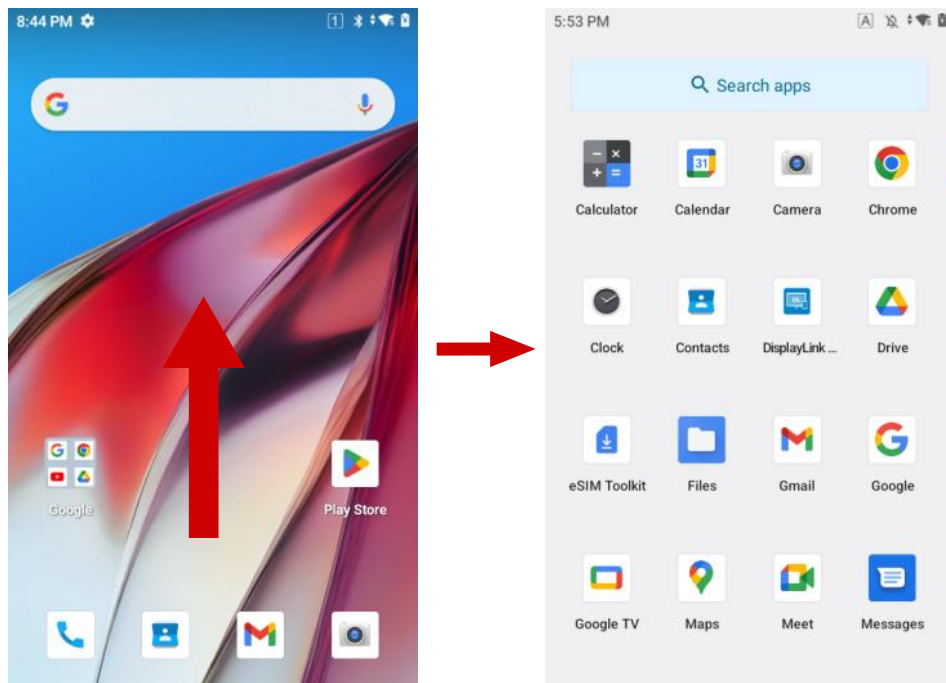
Icon	Description
	Calculator - Provide basic and scientific calculating functions.
	Calendar - View and manage calendar events.
	Camera - Take photos and record videos.
	Chrome - Access the network.
	Clock - Set the alarm and timer.
	Contacts - Manage contact information.
	DisplayLink Presenter - Casting to an external monitor.
	Drive - Cloud Drive to store files

Icon	Description
	eSIM Toolkit - Can be used as a SIM card, no need to insert the card.
	Files - Organize and manage all the files in the device.
	Gmail - Receive and send e-mails.
	Google - Search engine.
	Google TV - Google smart TV
	Map- View satellite maps, public transport and driving directions.
	Meet - Videoconference.
	Messaging - Receive and send SMS and MMS.
	Phone - Dial a phone number for voice communications.
	Photos - View or edit photos in the device and microSD Card.
	Play Store - Download apps developed with the Android SDK and distributed by Google.
	Settings - Configure ME40K.
	Sound Recorder - Record audio files.
	YouTube - Upload original content and share your videos.
	YT Music - Play audio files online or stored on your device.
	MeSynch - enables to copy device settings to other devices with just one scan of a barcode.
	MeWedge - Configures a set of scanning head parameters for each application.
	ScanEdge - Configures the settings of the scanning head parameters.
	KeyReMap - creates and adjusts the keyboard to your requirements
	CustomDroid - installing your custom functions for the Android OS.
	GuardForce - Android provides regular updates with the latest security patches

How to access apps

Installed apps will be shown in the app center interface, except for ones in the background.

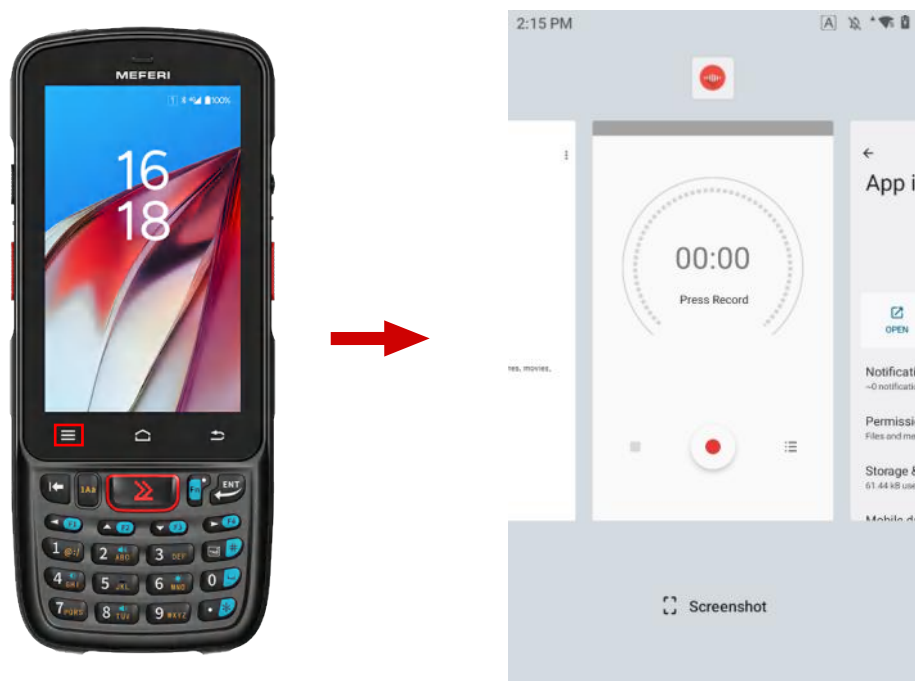
1. In the home screen, pull up the screen to enter the app center interface.



2. Swipe up or down to view more app icons, then touch any app icon you want to access to open the app.

Task Manager

1. Click the menu button on the left and the list below will appear.

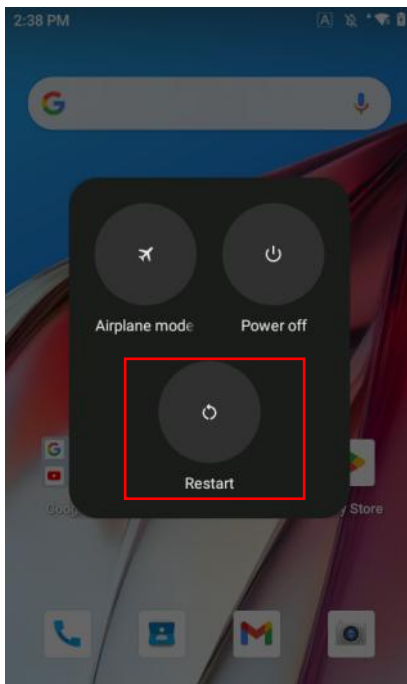


- 2, Slide left or right the screen to find any app accessed lately.
- 3, Slide up to clear apps lately accessed from the background.
- 4, Tap the "CLEAR ALL" to clear all the lately accessed apps from the background.
- 5, Tap apps to be switched to switch apps.

Restart

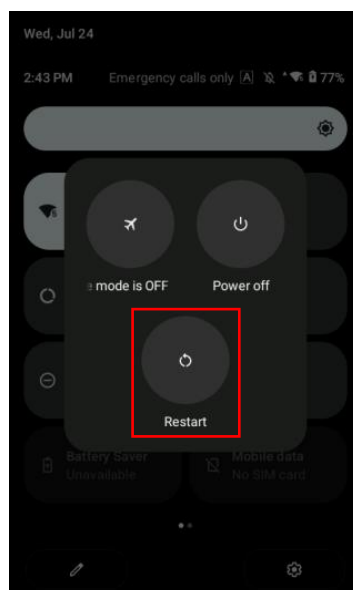
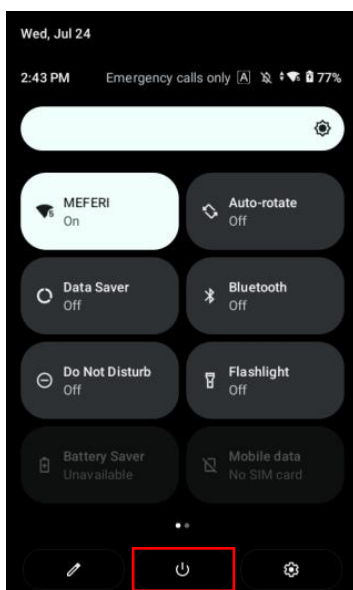
Method 1

- 1, If an app stops responding, long press the power key for hot reset.



Method 2

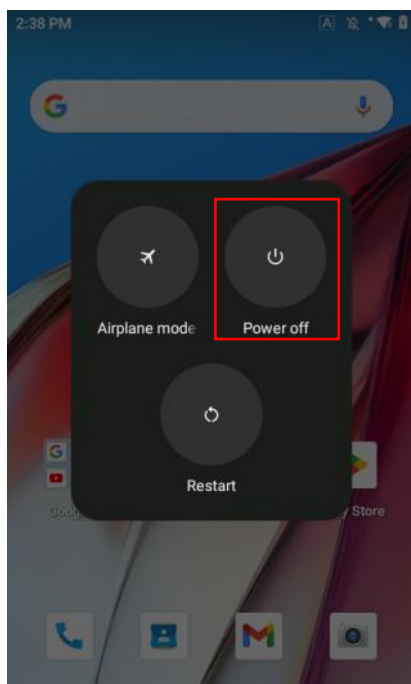
- 1, Open the Quick Access Panel, scroll down, click "⏻", and select Restart



Power off

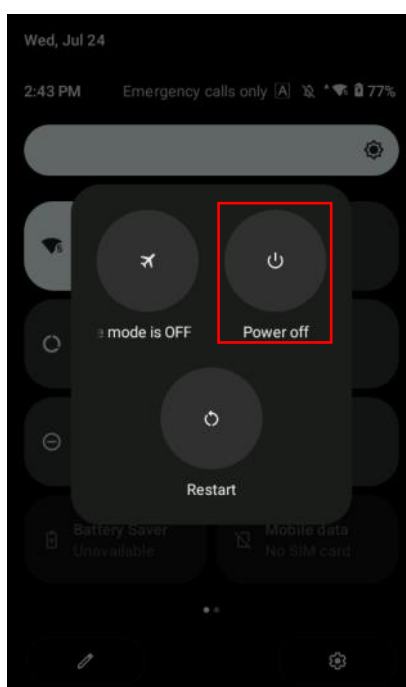
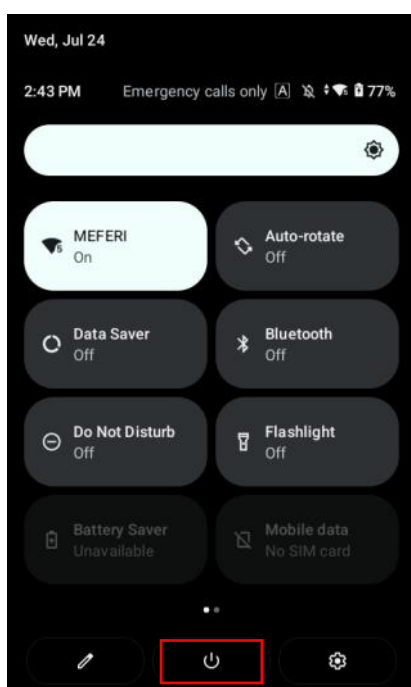
Method 1

- 1, Long press the power key and wait for a popup dialog box.
- 2, Tap the power off option.



Method 2

- 1, Open the Quick Access Panel, scroll down, click“⏻”, and select power off.

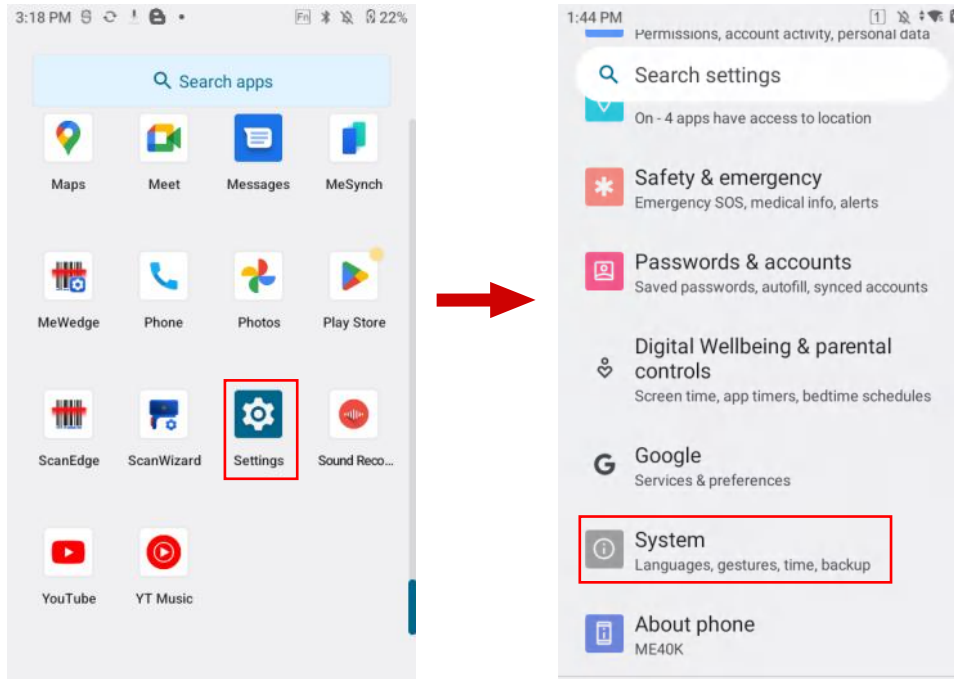


Restore Device

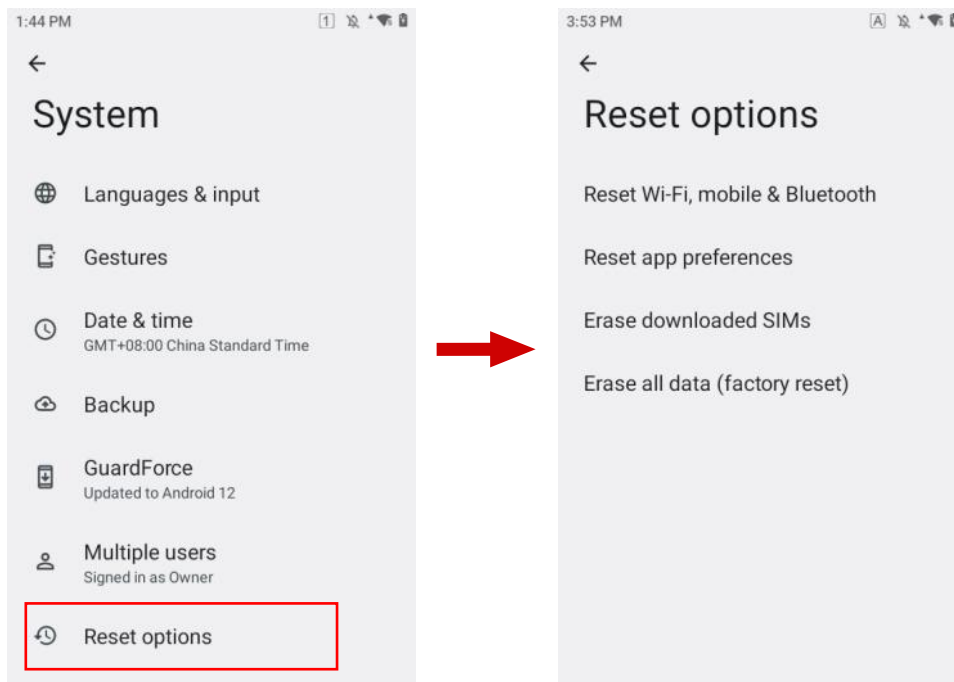
Restore Device is a built-in restoration toolkit that enables users to initialize the system.

Attention! Please copy and save important files before resetting! Restoration will erase all the user data!

1. Open Settings - System.



2. Select Reset options.

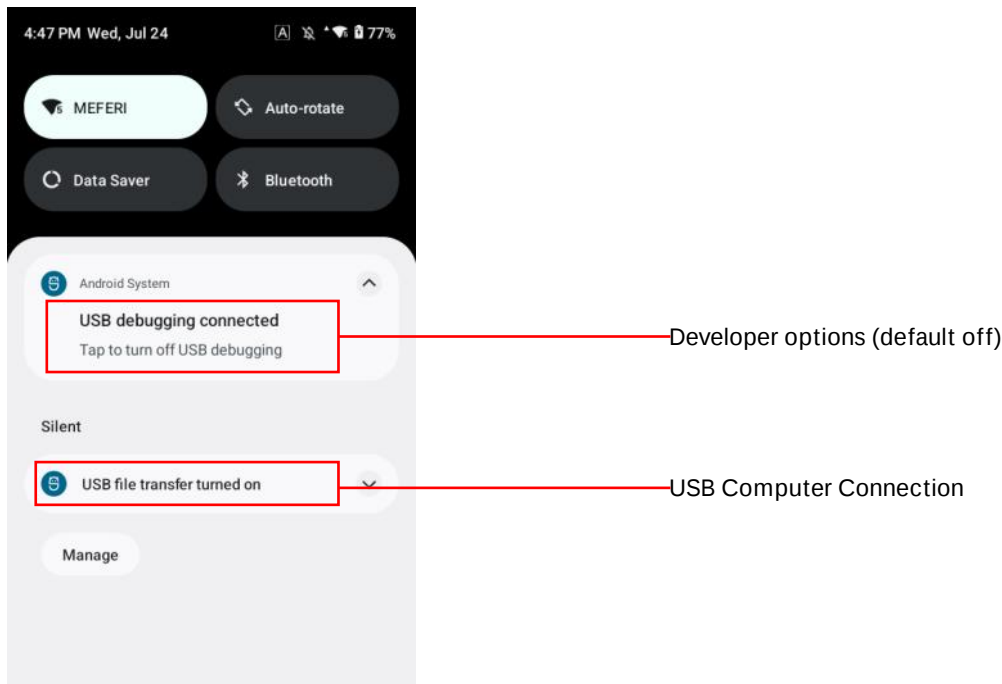


3, Select:

- Reset Wi-Fi, mobile & Bluetooth.
- Reset app preferences.
- Erase downloaded SIMs.
- Erase all data (factory reset).

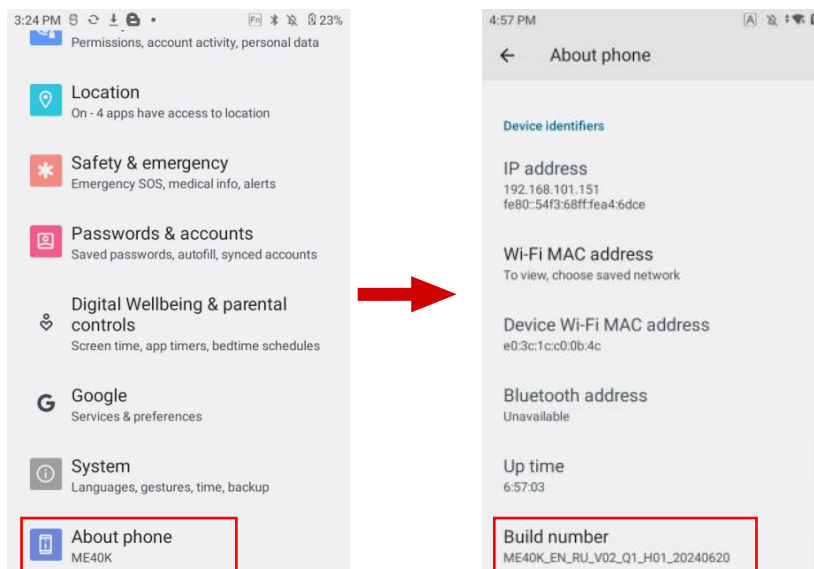
Description of Computer Connected Operation

insert one end of the device's USB cable to the device and the other to the PC's USB port to connect the device to the PC, press and hold the top of screen at any interface of the device and pull down to enter the USB settings interface:

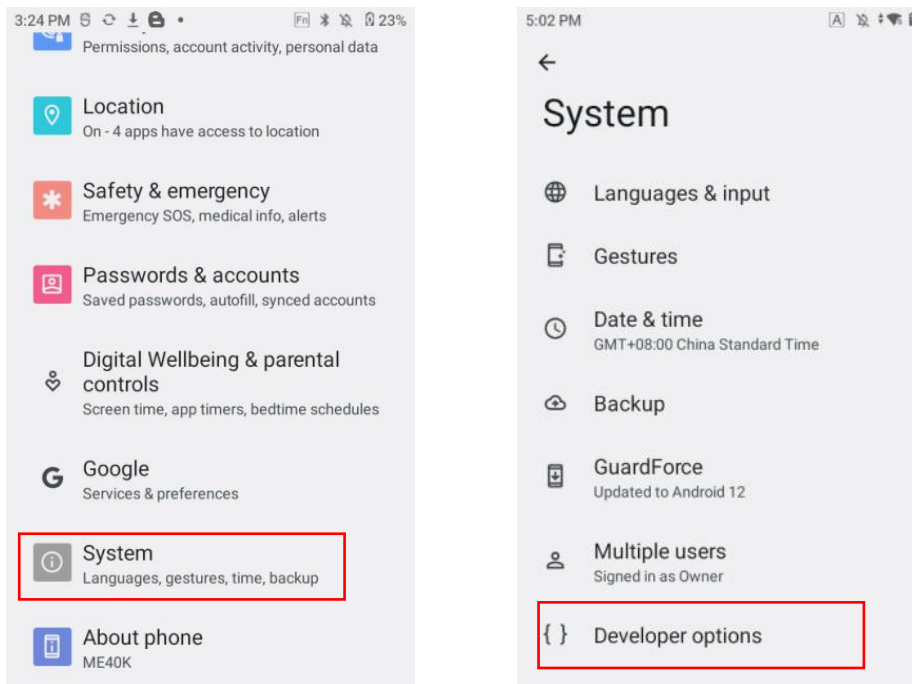


Enable USB Debugging

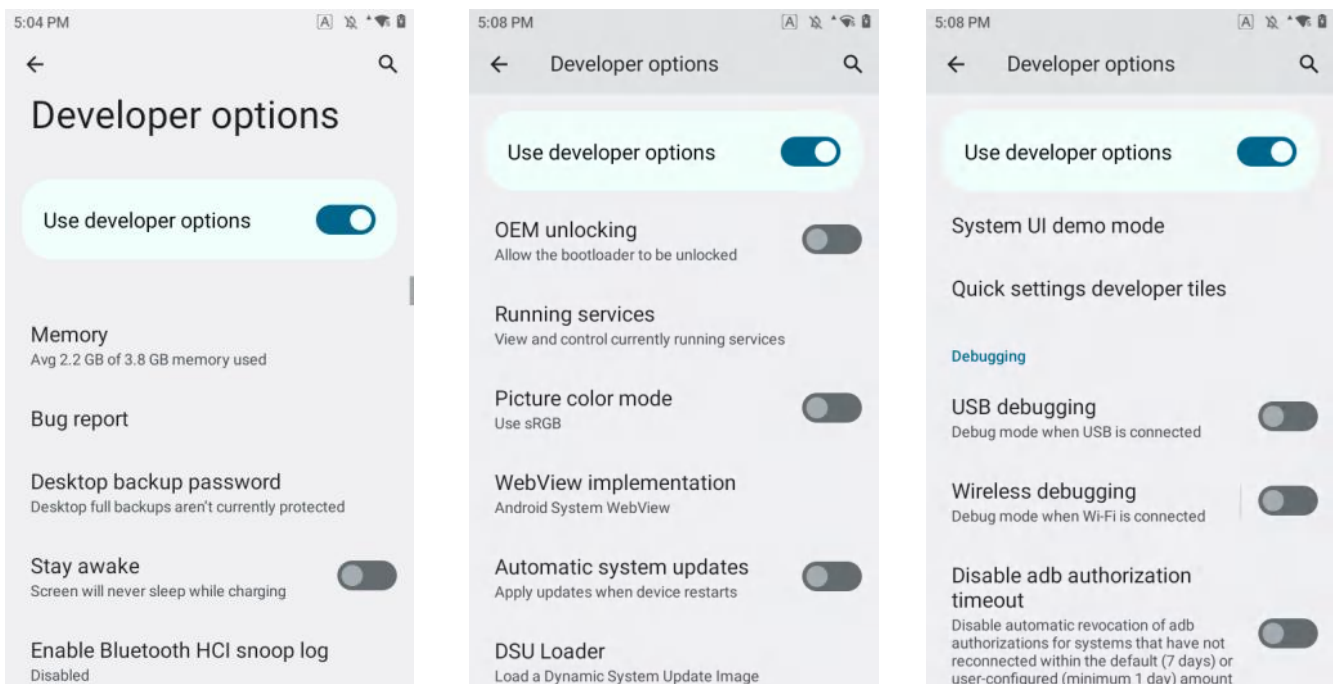
1, Open Settings - About phone - Click "Build number" 5 times in a row.



2, Open Settings - System - Developer options.

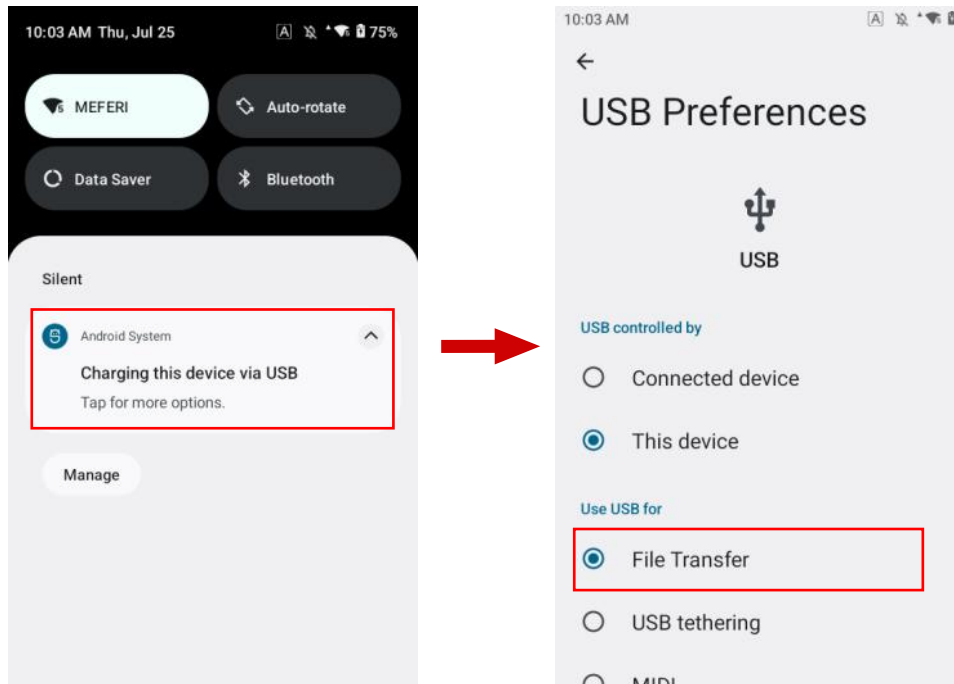


3, Enable USB Debugging to enter the debugging mode.

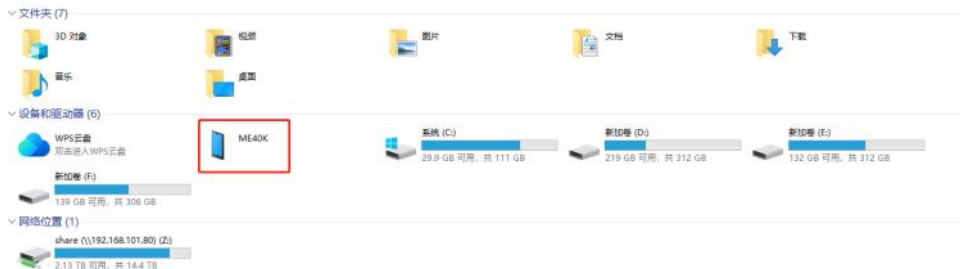


File management by media transfer protocol (MTP)

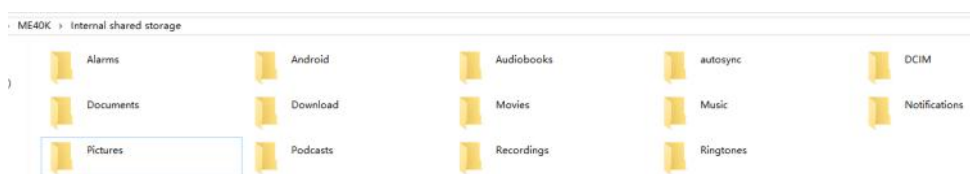
- 1, Connect the device to PC by a USB cable.
- 2, Pull down the status bar to open the notification panel. Select "File Transfer" in USB Purpose to transfer media files to Windows or transfer files by any Android file transfer app to Mac.



- 3, At PC end, open My Computer to access ME40K device.

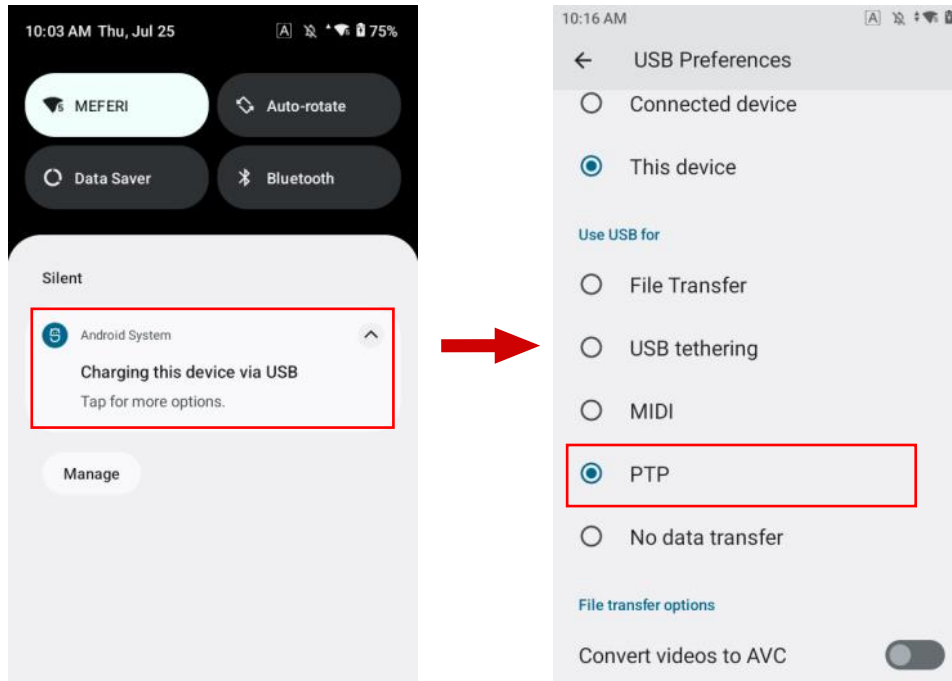


- 4, Open an internal storage folder or SD card folder.
- 5, Manage media files needed.

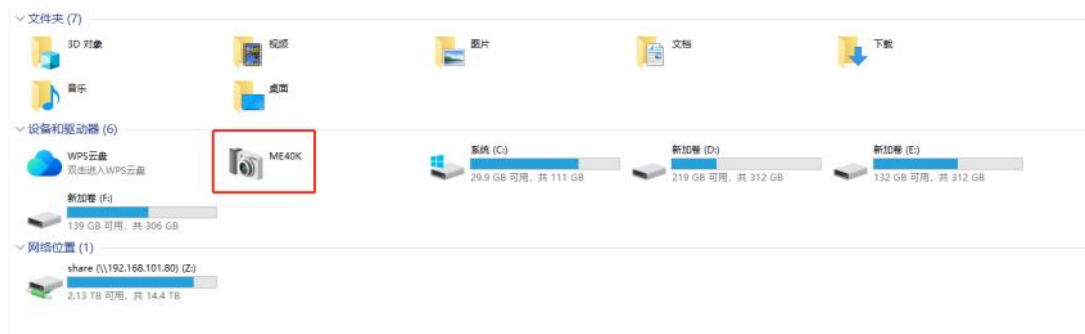


Picture management by picture transfer protocol (PTP)

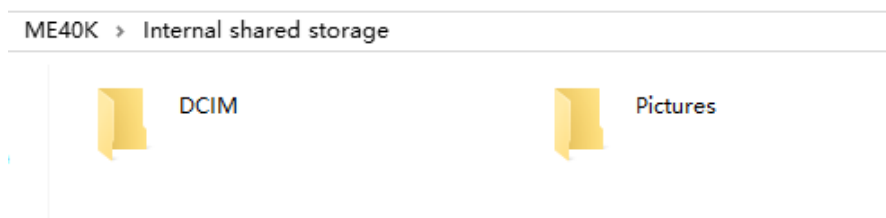
- 1, Connect the device to PC by a USB cable.
- 2, Pull down the status bar to open the notification panel and select PTP in USB use for to transfer photos to Windows.



- 3, At PC end, open My Computer to access ME40K device.



- 4, Open an SD card folder or internal storage folder.
- 5, Manage picture files needed.

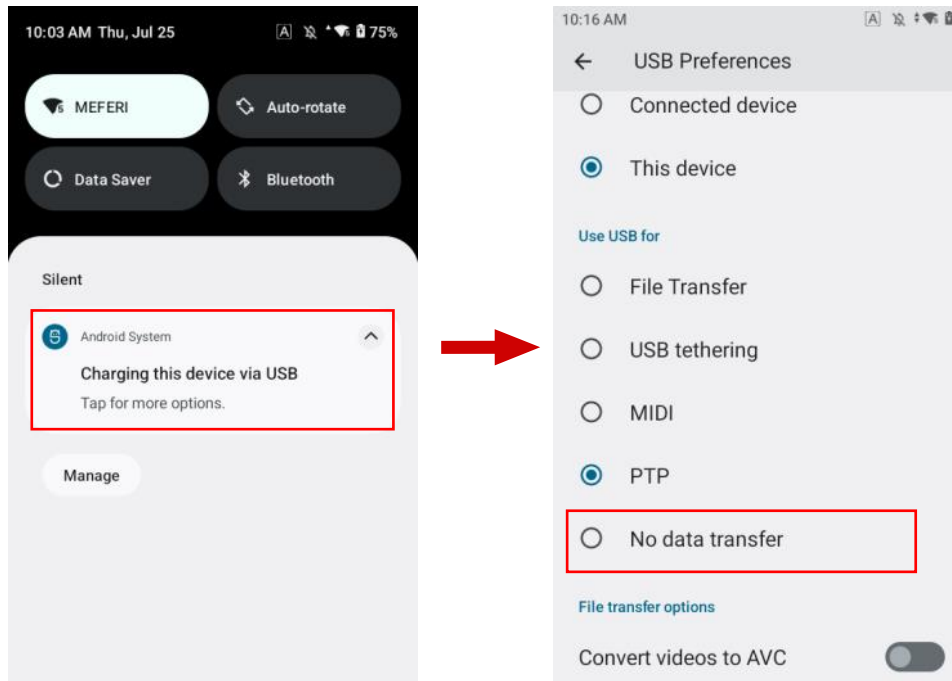


SD Card mounting

In this mode, no microSD Card directory folder will be shown at PC end until a microSD Card is inserted into PC.

Charging mode

- 1, Connect the device to PC by a USB cable.
- 2, Pull down the status bar to open the notification panel and select "No Data Transfer" in USB Purpose.



- 3, In the charging mode, data communication is not available.

Disconnection from PC

Caution: Please safely unplug the device as instructed at PC before removing the USB cable in case of loss of data.

- 1, Find the external device identification in the task bar at the bottom right corner of PC.
- 2, Right click to select Unplug ME40K Device.
- 3, Carefully remove the USB cable.

Chapter III Data Capture

Introduction

ME40K supports data acquisition in the following methods.

- Scan engine decoding.

Scan engine

- 2D scan engine can read various 1D/2D bar codes and 360° read various bar code systems, including the most prevalent linear bar code, postal code, PDF417, QR, DATAMATRIX, etc.
- By scanning techniques, 2D scan engine takes a photo for a bar code, saves the generated image in memory, and executes a top software decoding algorithm to extract bar code data from the image.

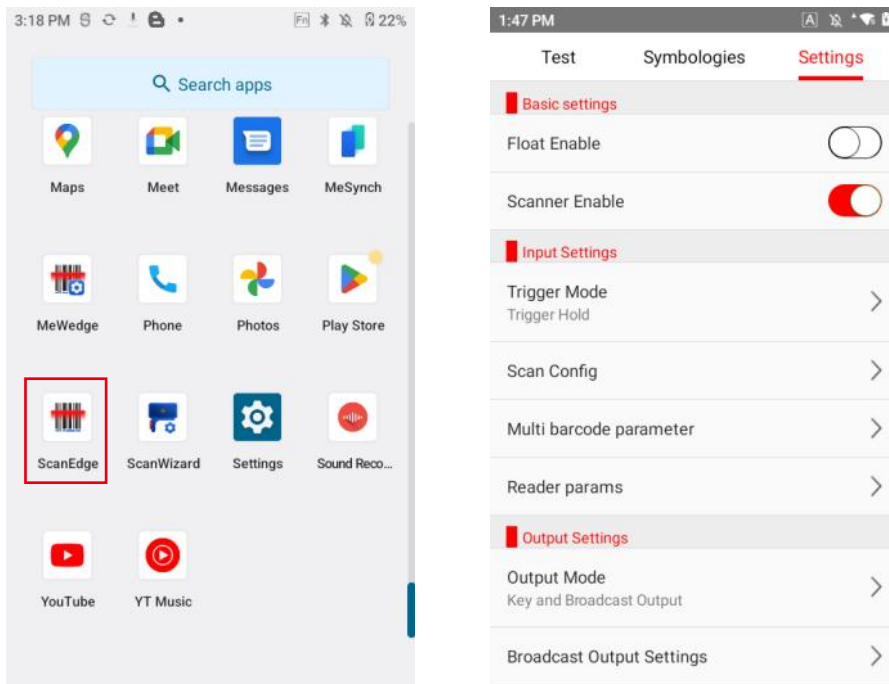
Scan Settings

1, **ScanEdge**: can be tested and set, this setting is for the scan head.

2, **Mewedge**: scan settings for a certain application, for example: open continuous scanning in a certain APP, continuous scanning does not work outside this APP, only in the APP.

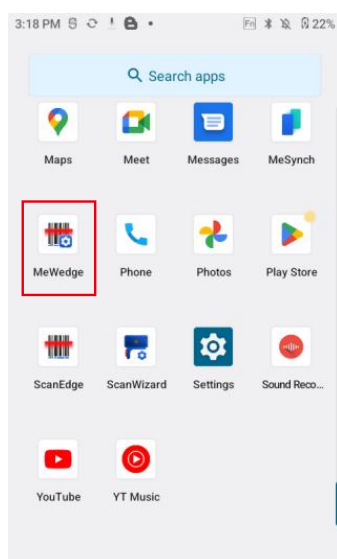
Method 1-ScanEdge

1, In the home screen, pull up the screen to enter the app center interface, Select ScanEdge.

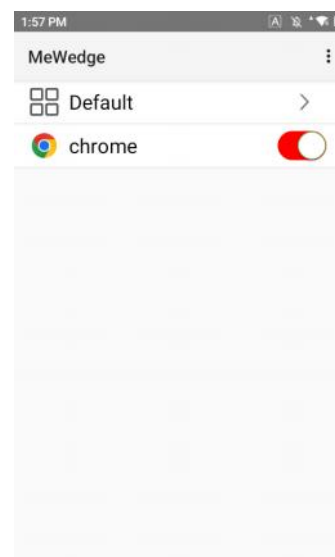
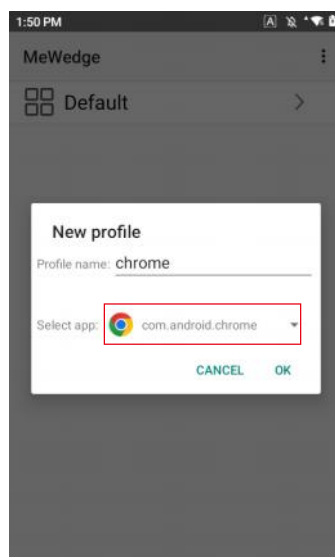
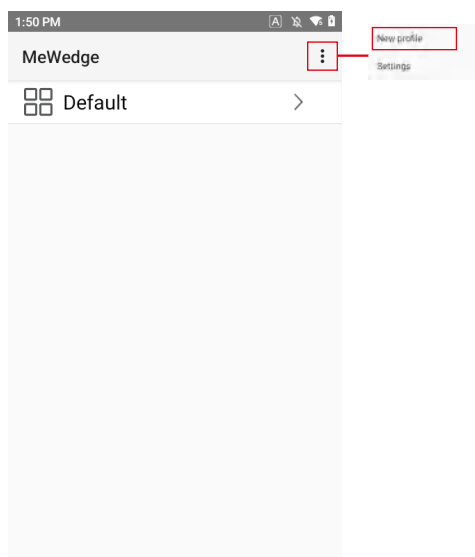


Method 2-Mewedge

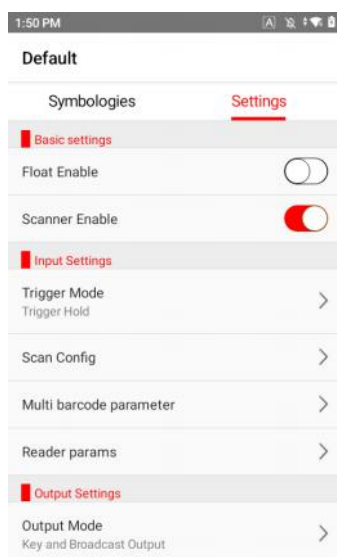
1, In the home screen, pull up the screen to enter the app center interface, Select Mewedge.



2, Create a new one and select the APP you want to set up.

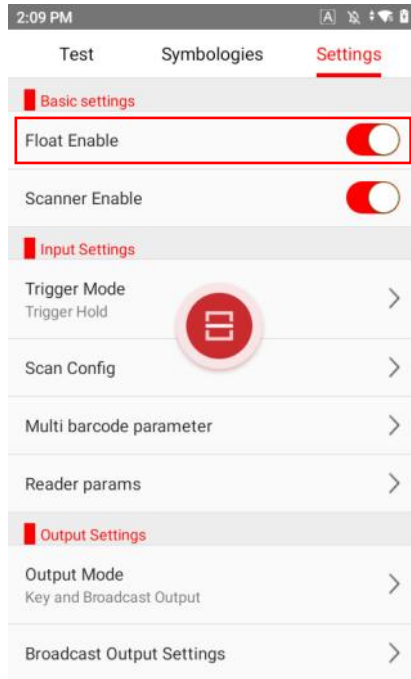


3, Apply scan settings.



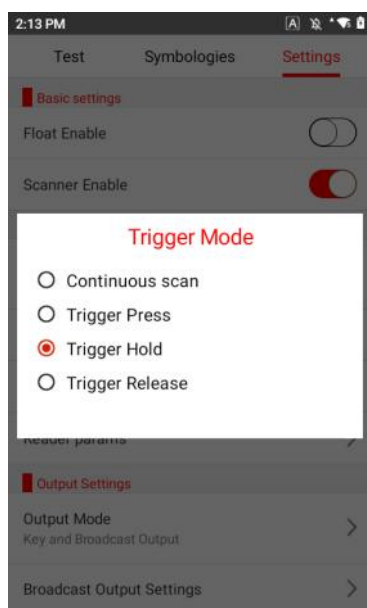
Floating action button

Open the virtual key scanning tool on the desktop, which is available for dragging at will and touching to simulate the key scanning function.



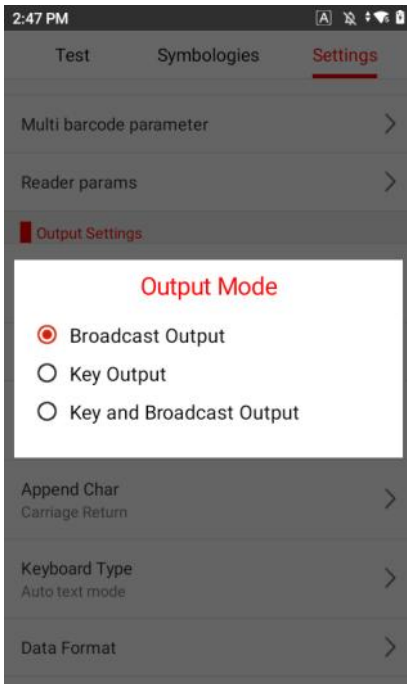
Trigger mode

- Auto mode - 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.
- Continuous mode - manually trigger the scanning function. In the continuous scanning mode, the scanning laser or supplementary image light will not go out after decoding. Instead, decoding will sustain.
- Manual mode - 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.



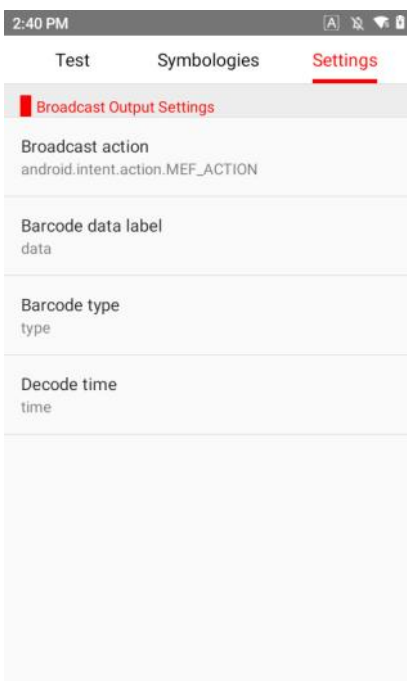
Output Mode

- 1, Broadcast Output.
- 2, Key Output.
- 3, Key and Broadcast Output.



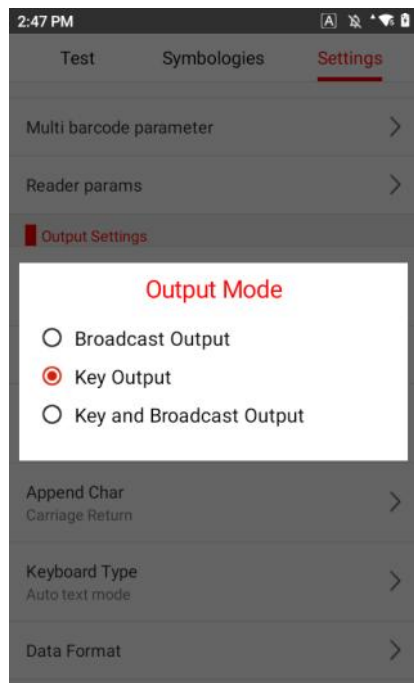
Output by Broadcast

Set broadcasting via a corresponding app to receive tag and motion data of the designated broadcast. If the scanned data match the app's broadcast tag and motion (tag and motion are editable), the data will be directly received by the Broadcast Receiver. Any intent transfer value may be separately output or handled in the background.



Output by keyboard

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



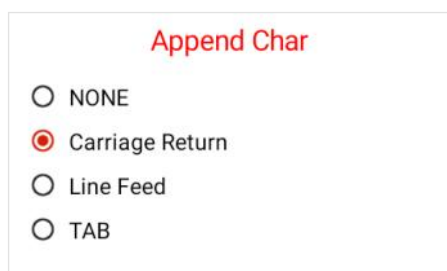
1, Keyboard Type - include Auto text mode, Soft keyboard, always use simulated keystrokes, may result in different scanning results, so please choose with caution.

- Soft keyboard - 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.
- Auto text mode - the device directly displays all the data in the input box through input method editor simulation.
- Soft keyboard only: the device outputs scanning data through Soft keyboard event simulation at any interface.
- Always Auto text mode: output through any non-Android input box, e.g., webpage or search box.

2, Sound Feedback - set the system's notification tone for scanning, which may be LED, Vibrating or Sound.

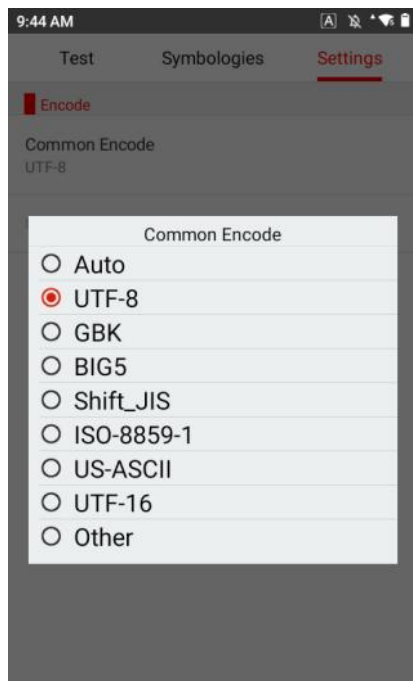
3, Append Char - None, Carriage return, Line feed or Tab. Add operational key characters behind scanning results through keyboard simulation.

- 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.



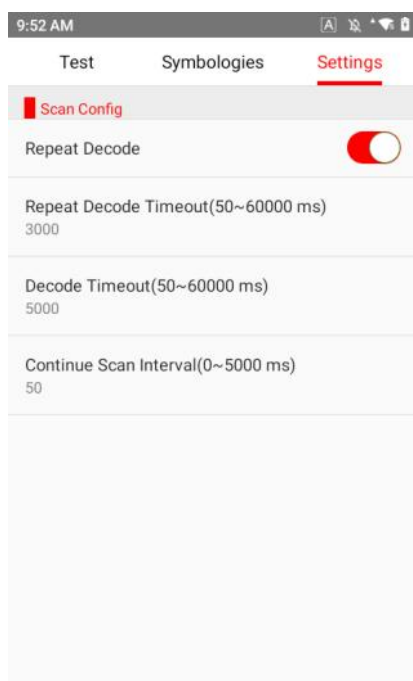
Encode

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



Other settings

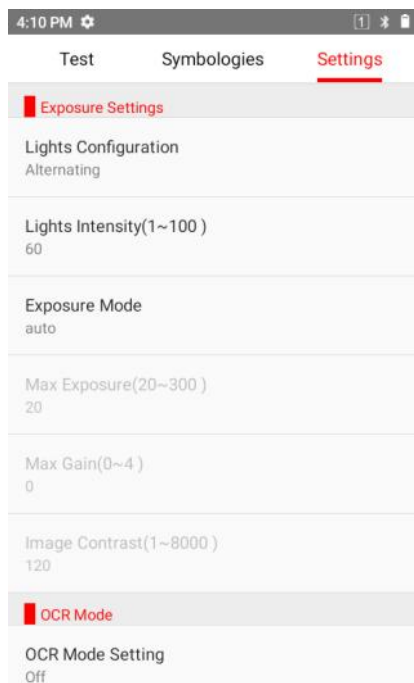
- Decode Timeout - laser duration for failing in single scanning, range of 50-60000 ms, 5000 ms by default.
- Repeat Decode Timeout - laser duration for failing in single scanning, range of 50-60000 ms, 3000 ms by default.
- Continue Scan Interval - laser duration for failing in single scanning, range of 0-5000 ms, 50 ms by default.



Reader params

Exposure Settings

Different scanning heads vary from each other in the settings. HS7 scan engine is taken as example for illustration.



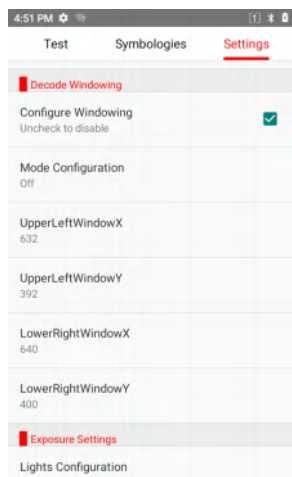
1, Lights Configuration

- Off: turn off illumination/aimer light.
- Aim Light 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.

2, Exposure Mode: auto/fixed. In the auto mode, the scanning head may automatically regulate the exposure value; in the fixed mode, the exposure value can be set.

3, Fixed Exposure: 20~300. The higher the value is, the brighter it will be.

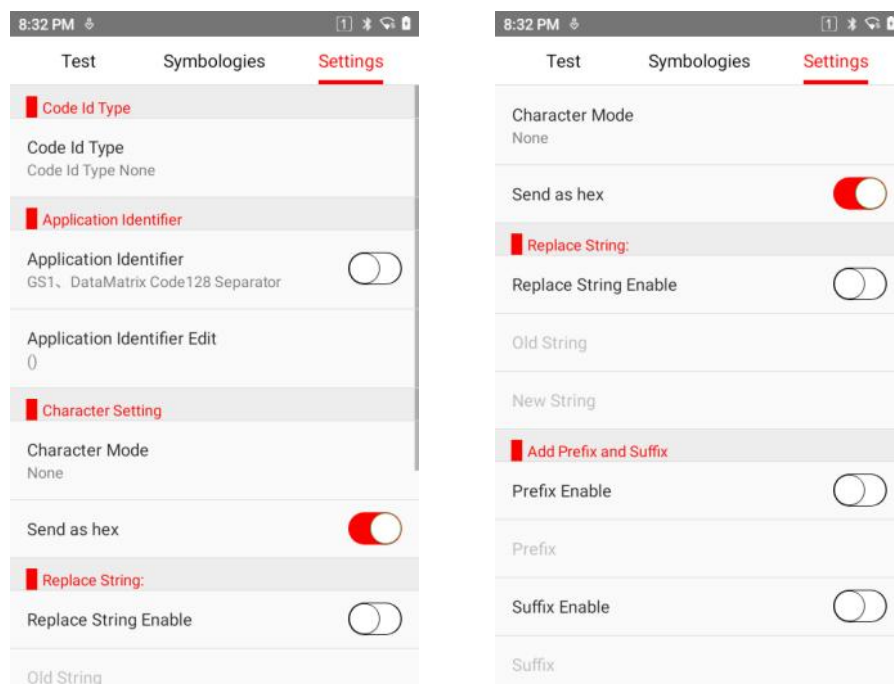
Decoding Windowing



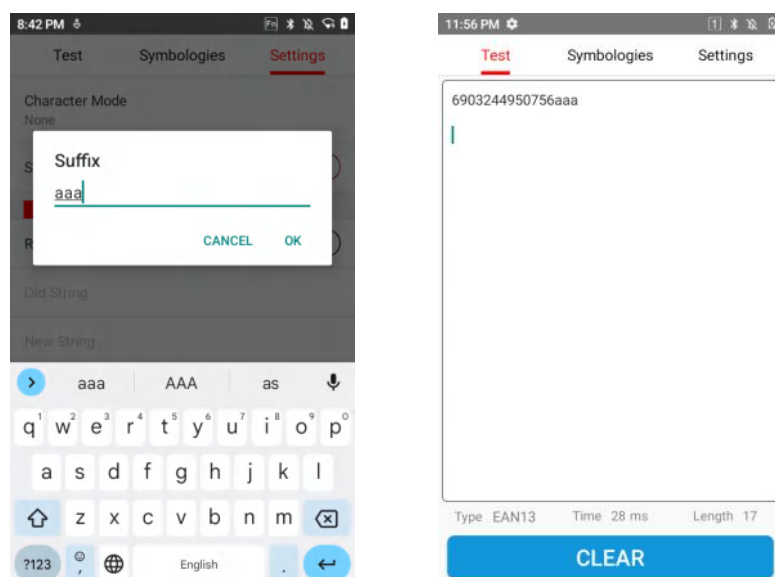
- Configure Windowing - set the range of bar codes from any photo taken.
- Mode Configuration - Off, Around Aimer, or Field of View, Picklist Mode. To fit the view finder, select the Around Aimer mode.
- UpperLeftWindow X.
- UpperLeftWindow Y.
- LowerRightWindow X.
- LowerRightWindow Y.

Data Format

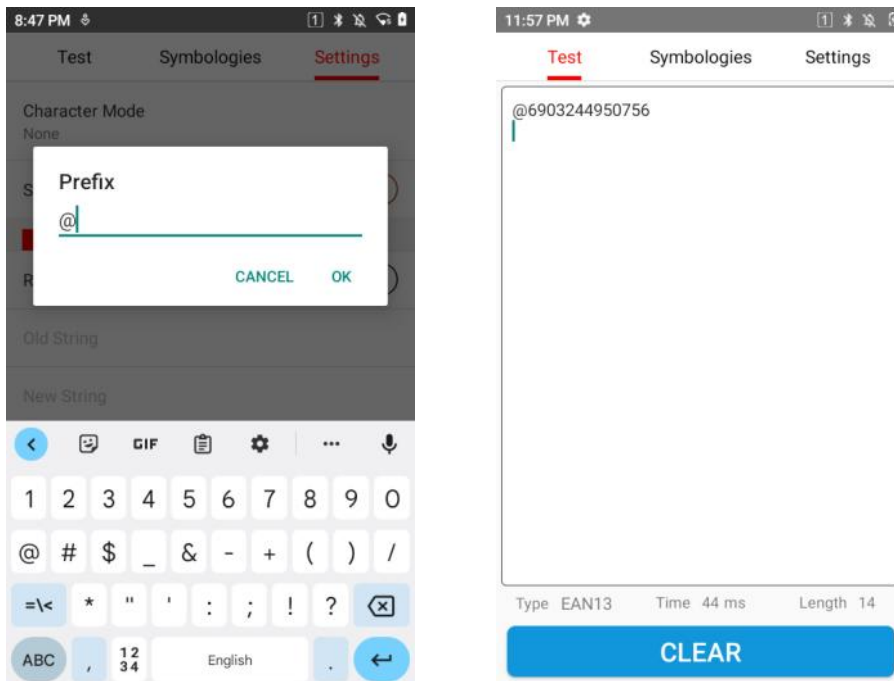
Upon access of bar codes, the system may be available for additional functions: Formatting, Prefix, Suffix, Substitute, App Identifier, or Code Id Type.



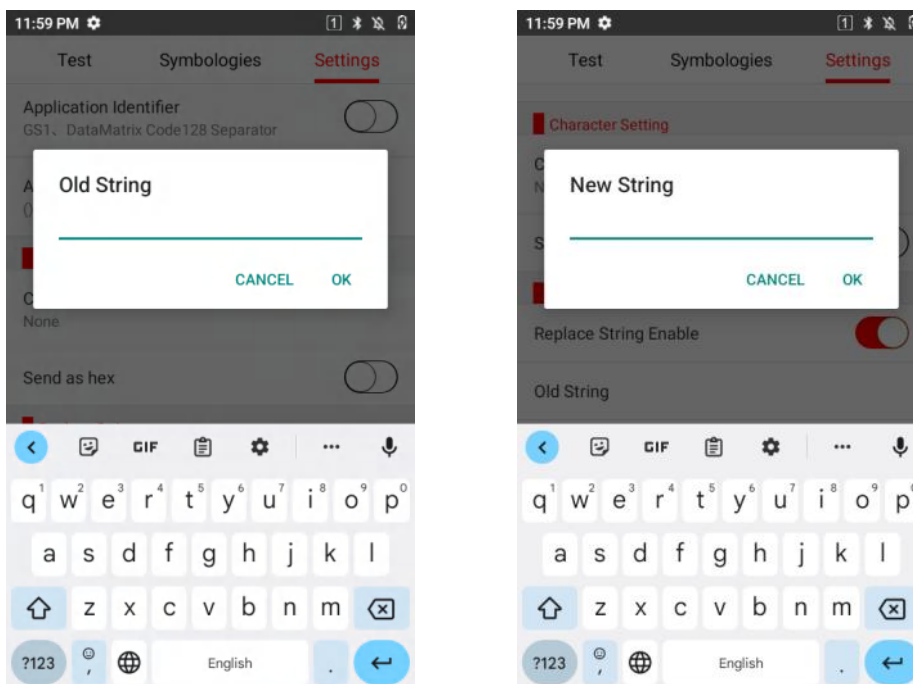
- 1, Tap "Data Format" and select the additional formatting type.
- 2, Suffix: select the mode and modify the suffix content, e.g.



3, Prefix: select the mode and modify the prefix content, e.g.



4, 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.

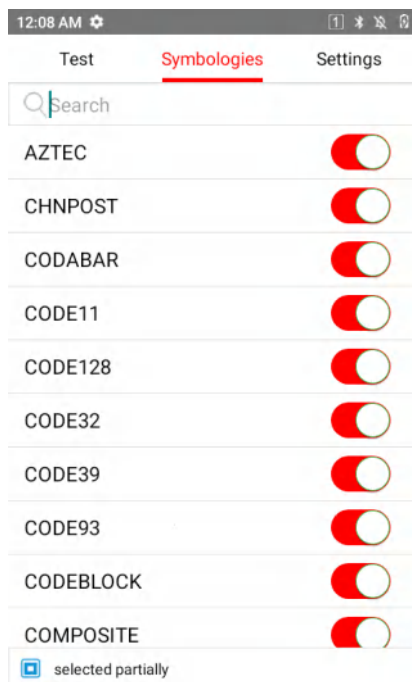


5, Application Identifier: select the mode and add an app identifier to some bar codes, e.g., Code 128.

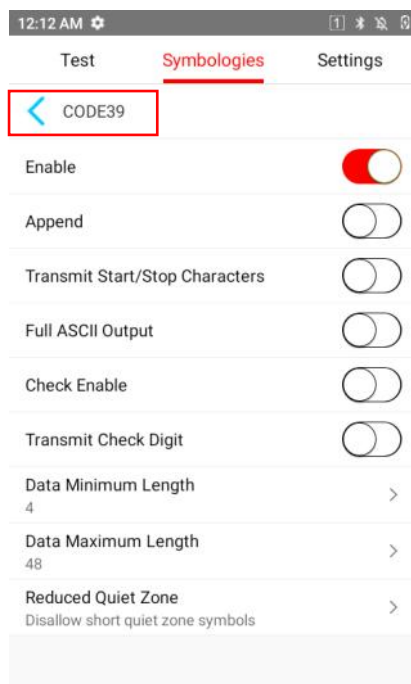
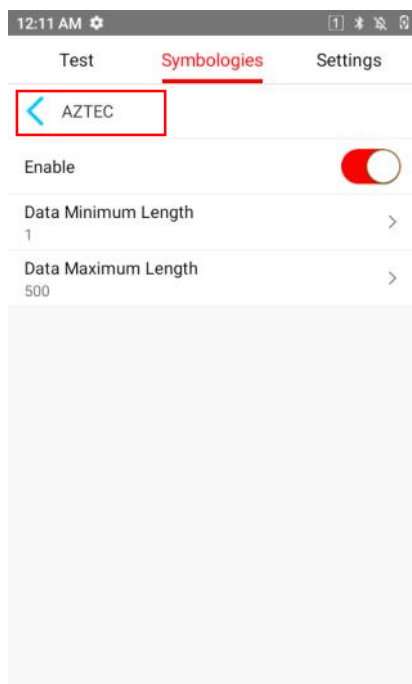
6, App Delimited Identifier: select the mode and set "(" as the app delimited identifier by default, which may be substituted by any other identifier.

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.

Symbology settings

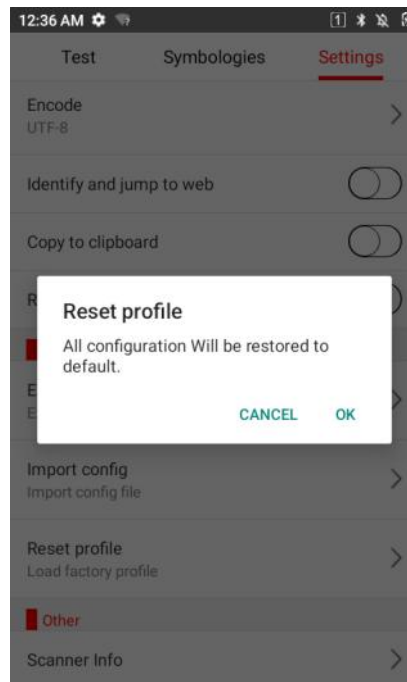
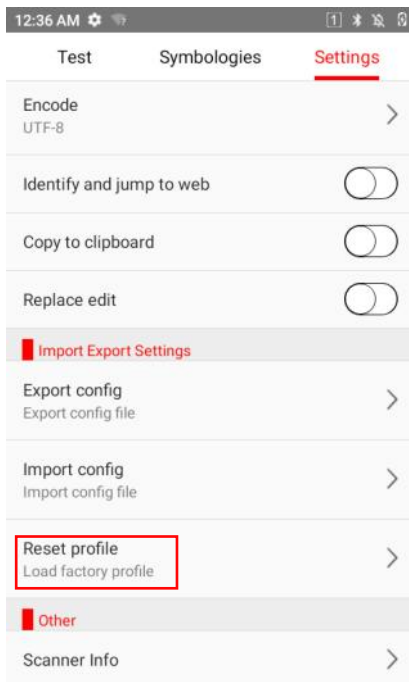


Modify code system type parameters in the list, e.g., bar code length, check bit or transfer character.

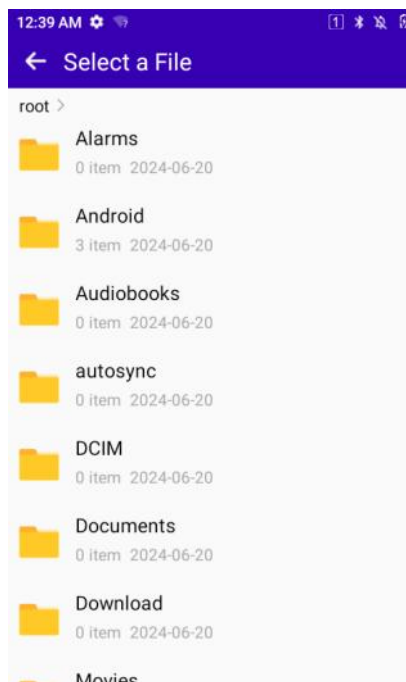
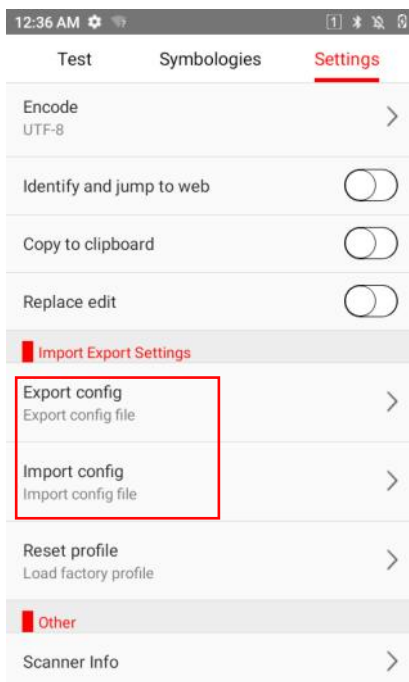


- Enable: enable.
- Data Minimum Length: minimum length.
- Data maximum Length: maximum length.
- Transmit Check Digit: check bit in transfer.

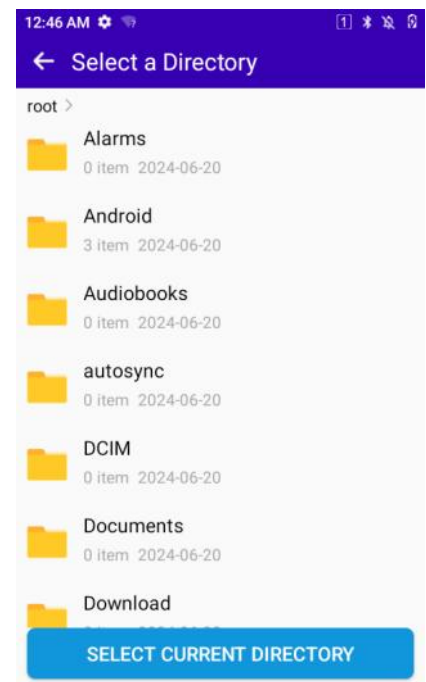
Reset



Import config/Export config



Import config



Export config

Chapter IV Wireless

WLAN

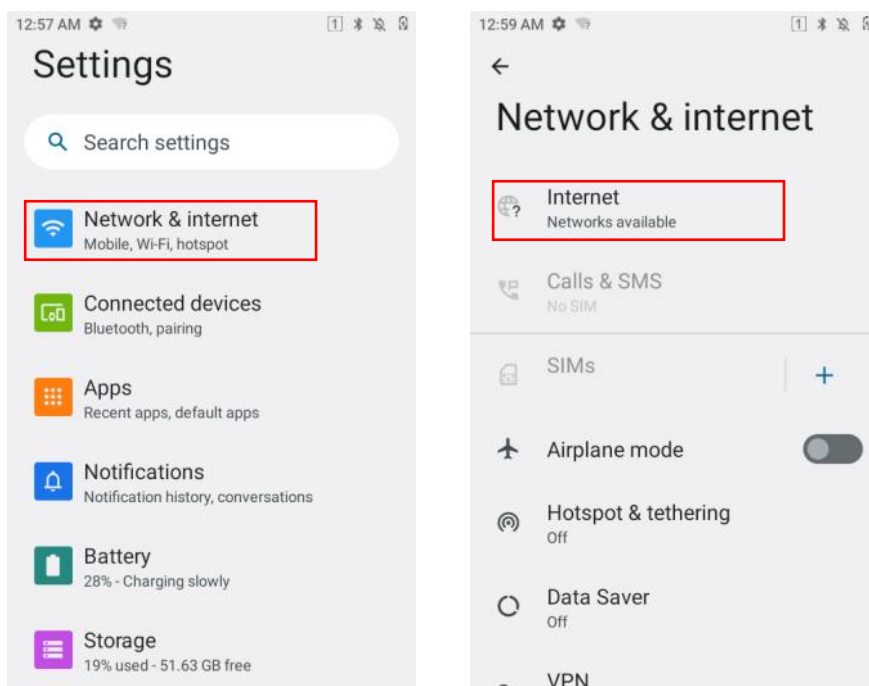
To enable the WLAN function, please operate as following:

Connect to WLAN

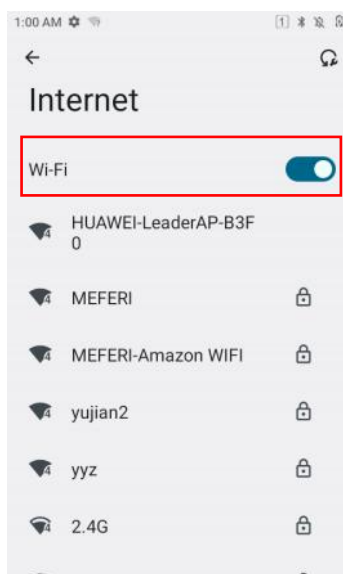
After the wireless function is enabled, ME40K will automatically display all the available wireless networks nearby in the wireless network list. To connect to a certain wireless network, please click the network's SSID in the list and tap Connect.

Note: For some networks, network security key or password needs to be entered for connecting. To connect to such networks, please contact the network admin for corresponding network security keys or passwords.

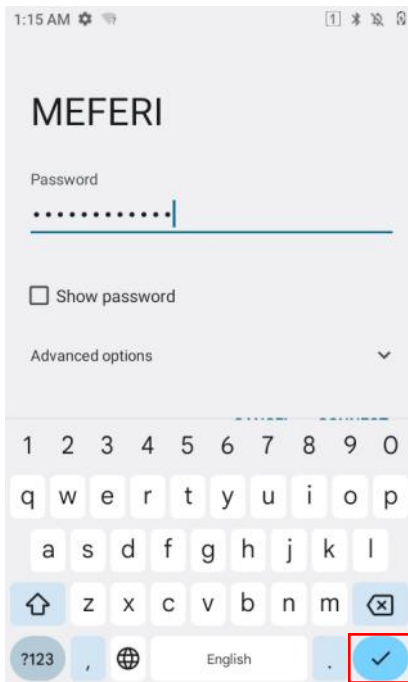
1, Open Settings - Network & internet or pull down the status bar to enter the quick access panel for operation;



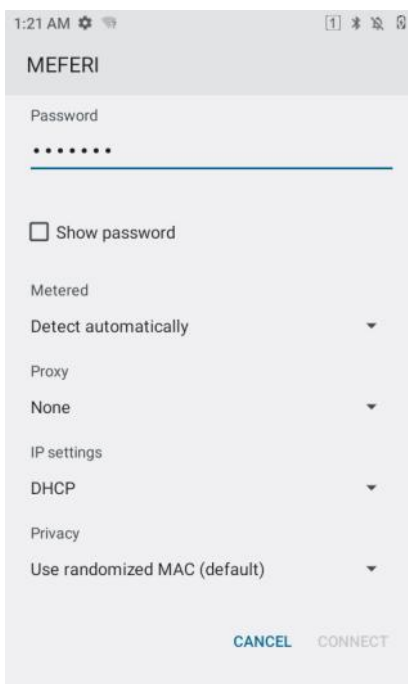
2, Touch to turn on the wifi function.



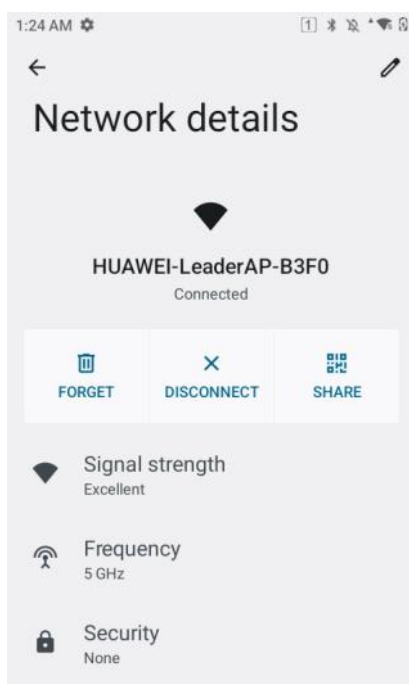
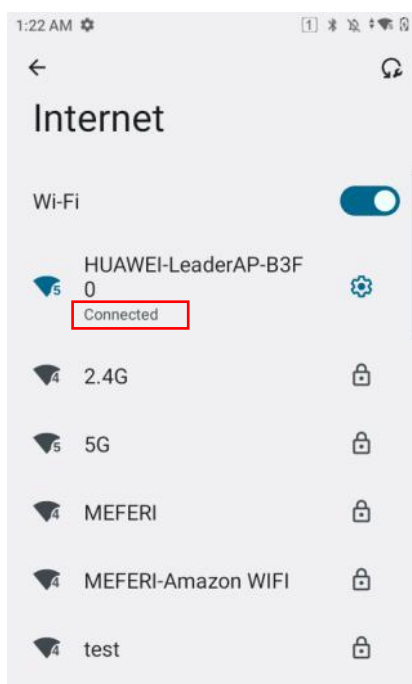
3, Enter the password and tap "✓".



- Check Show Password to display the hotspot password to check whether the password input is wrong.
- Check Advanced Settings for advanced settings, including agent and IP settings.

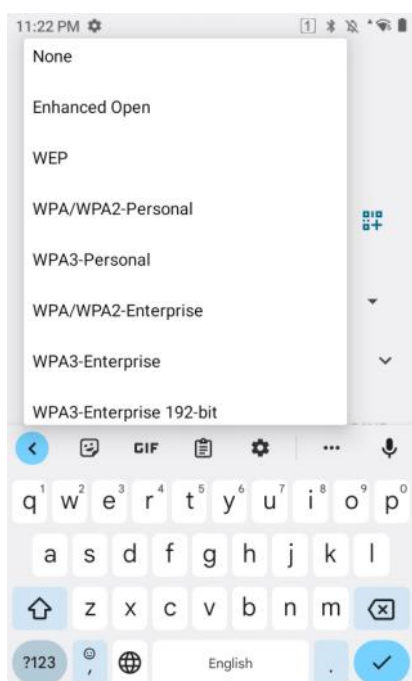


4, Check whether connection is done: 'Connected' indicates that connection is done.



5, WLAN allows indoor wireless communication of ME40K. ME40K supports WI-FI in two frequency bands: 2.4G and 5G. WLAN security options support below protocols.

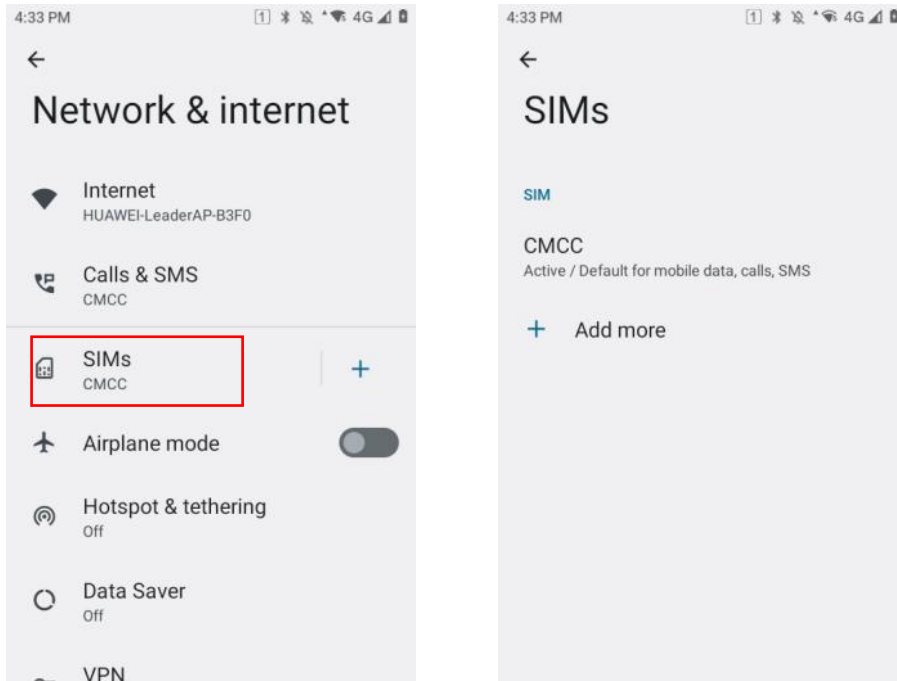
- None
- Enhanced Open
- WEP
- WPA/WPA2-Personal
- WPA3-Personal
- WPA/WPA2-Enterprise
- WPA3-Enterprise
- WPA3-Enterprise 192-bit



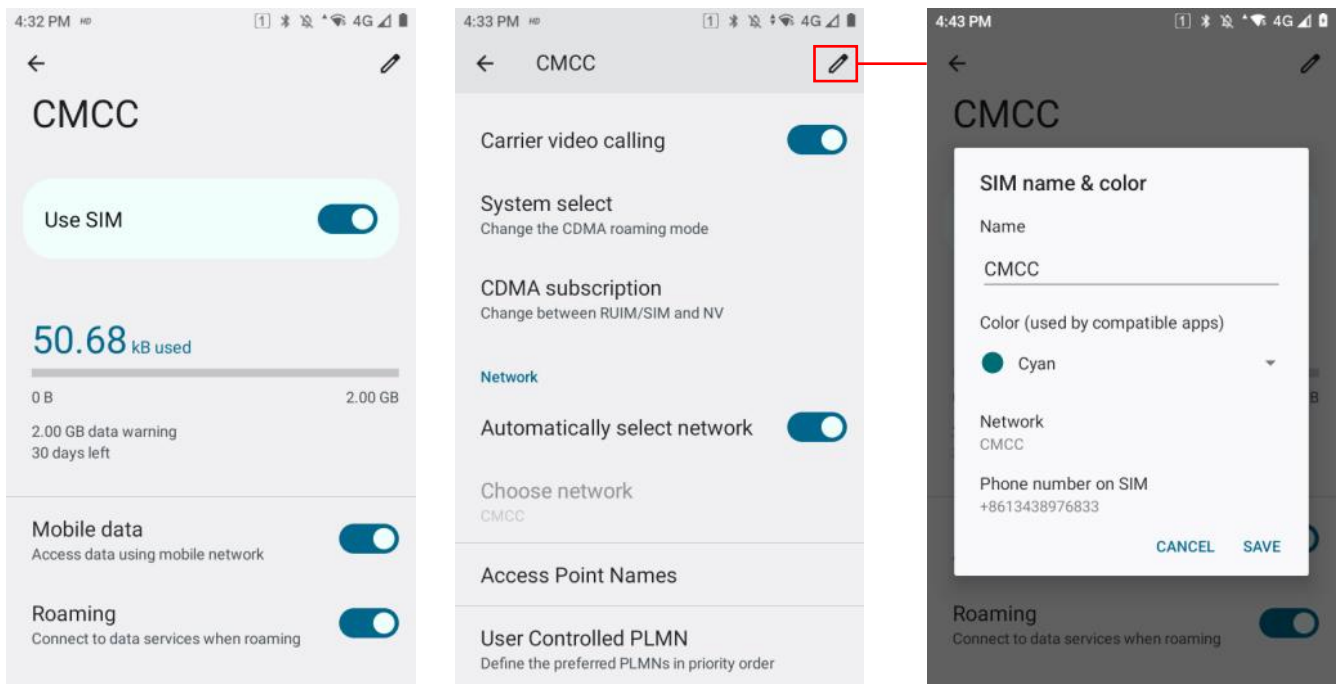
WWAN

Please refer to "Instruction on SIM/TF Card installation" for how to insert a SIM Card.

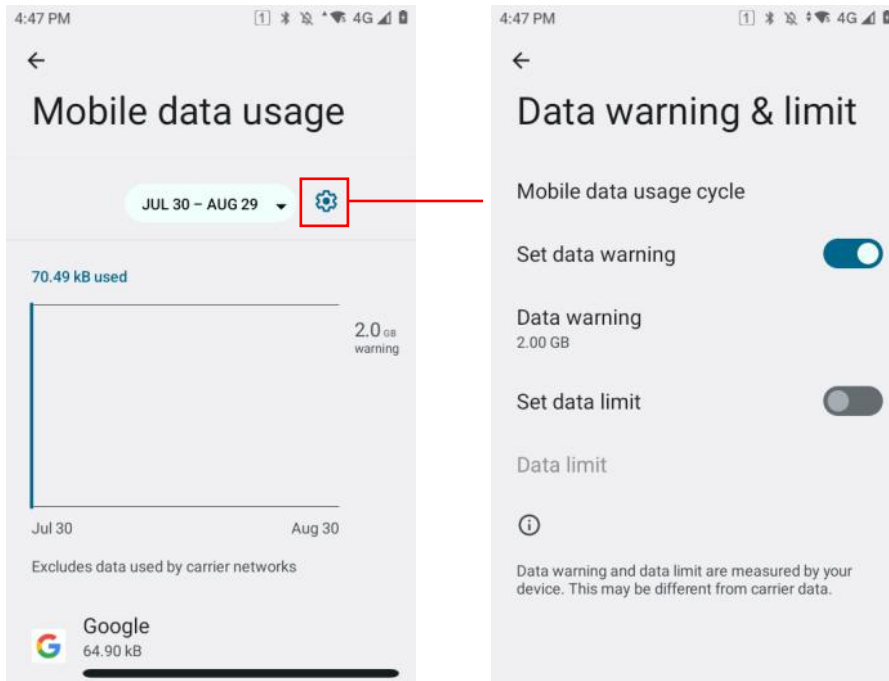
1, Open "Settings" - "Network & internet" - "SIMs".



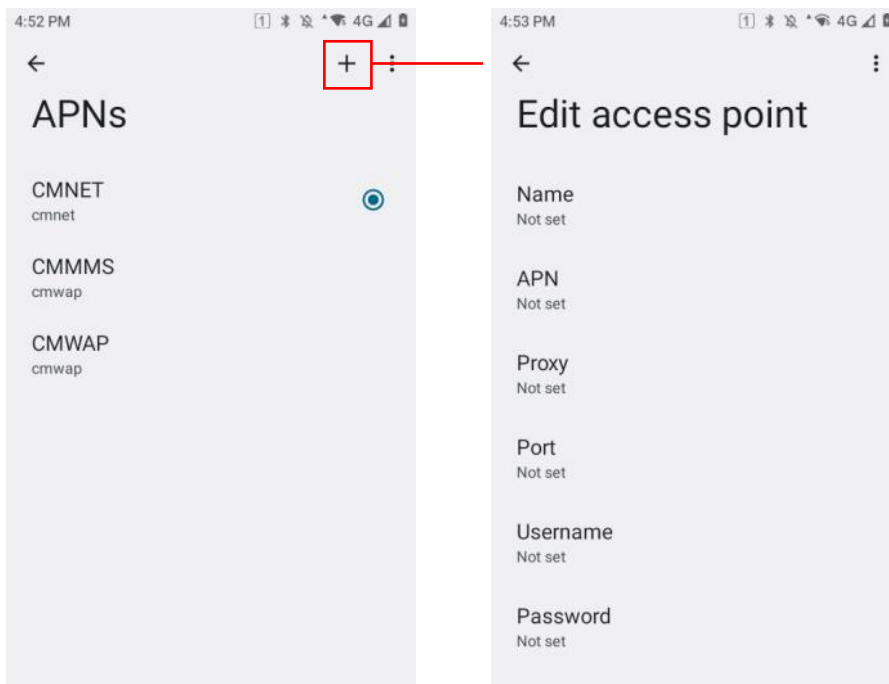
2, Can set the mobile network in conjunction with carrier information settings, such as data on/off, roaming on/off, and access point name, etc.



3, Mobile data usage can set traffic usage limits.



4, Access Point Names.



5, ME40K supports a wide range of 4G networks . If failed to connect to WWAN, please follow as below:



- Check local network signal intensity.
- Check whether the SIM Card is correctly installed.
- Check whether the SIM Card has any pending bill, is available for surfing the Internet or damaged (test whether the SIM Card is damaged or has any pending bill by loading the SIM Card in the device).

- Check whether the access point is correctly set.

Bluetooth

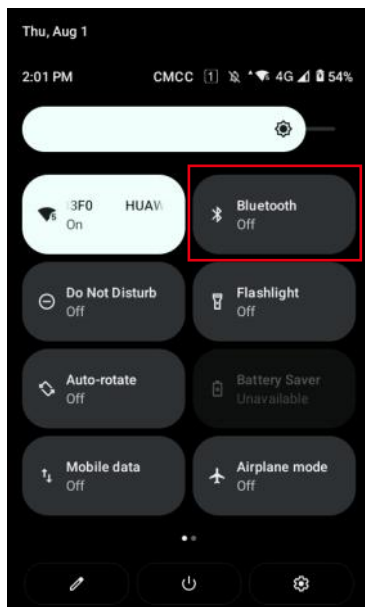
Any device with Bluetooth is available for wireless communication to transmit and receive data by wireless radio frequency (2.4 GHz).

Device with the Bluetooth function such as printer, access point and other mobile computer can exchange data (e.g., file, date or task) after turning on the Bluetooth function.

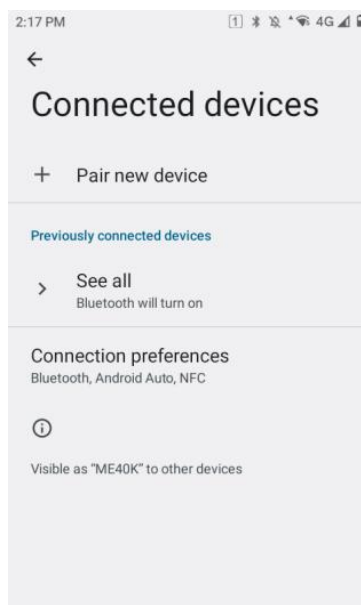
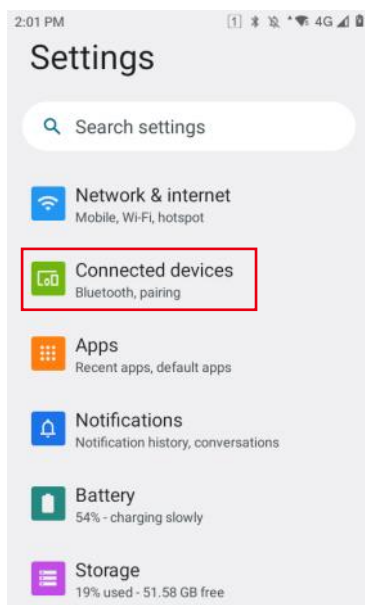
ME40K supports BLE (Bluetooth low energy). BLE is oriented to healthcare, health, safety and home entertainment apps. It remains a standard Bluetooth coverage while reducing power consumption and saving cost.

1, Pull down the status bar and long press the Bluetooth icon or click “Settings”-“Connected devices” to enter the page.

Method 1

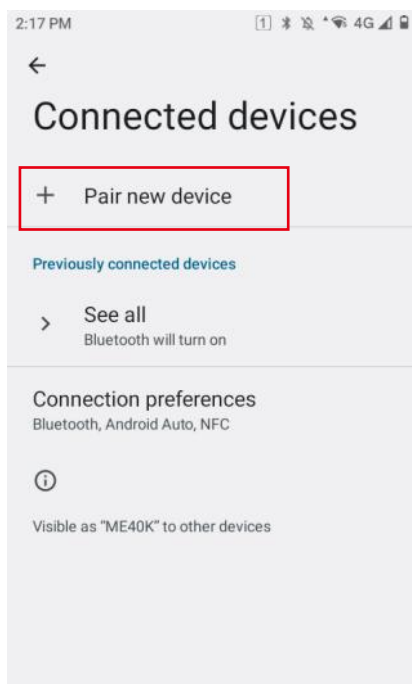


Method 2

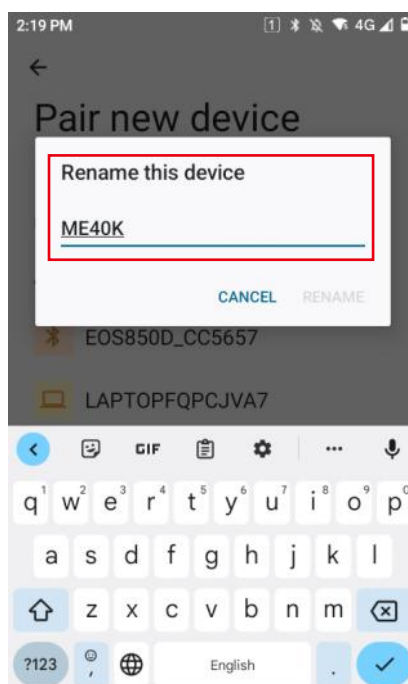
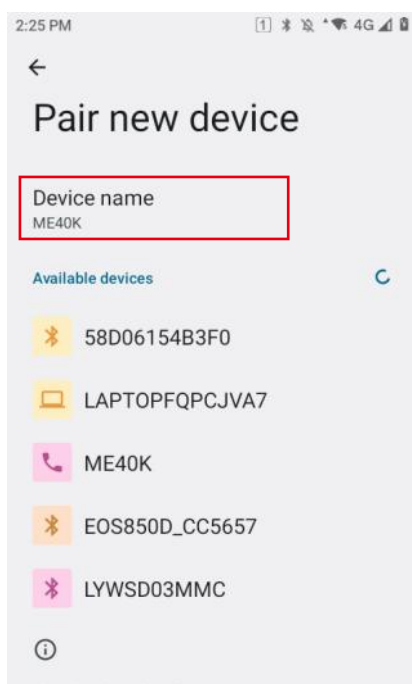


Change Bluetooth device name

1, Click Pair new device.

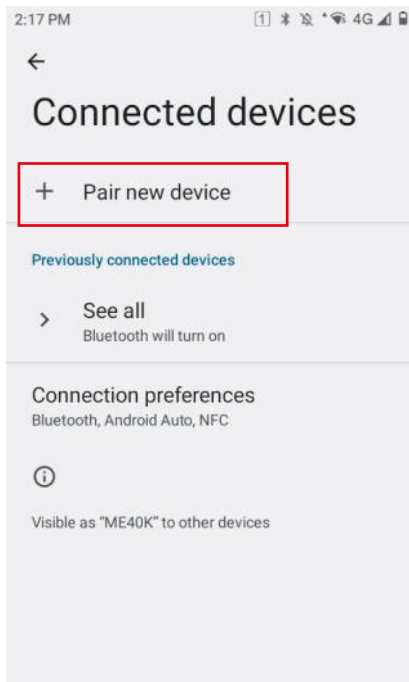


2, Tap Device name can change visible name to another.

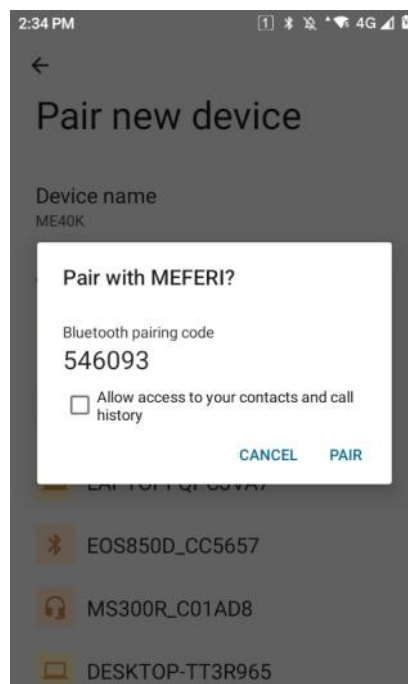
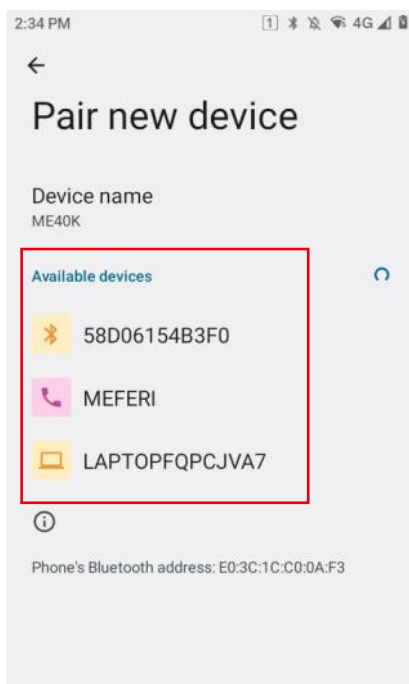


Bluetooth connection

1, Tap Pair new device to search for Bluetooth devices nearby.

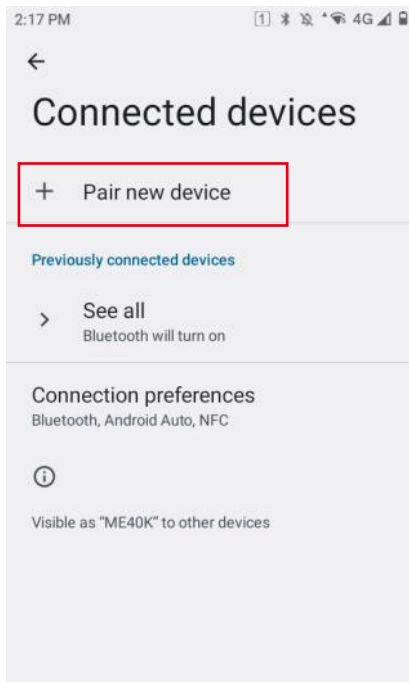


2, Tap the device to be connected and enter PIN code for verifying pairing or request for entering PIN code.

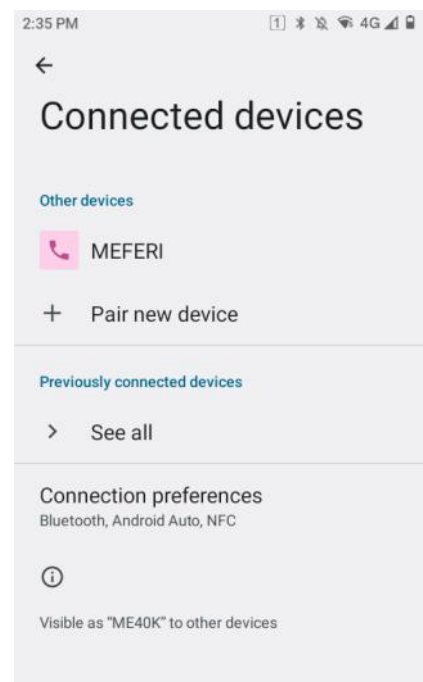
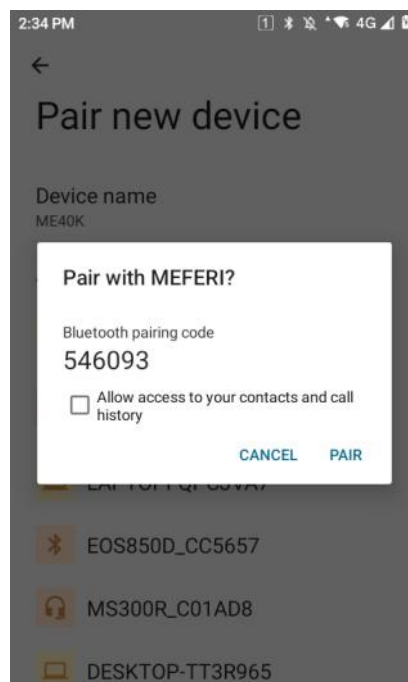
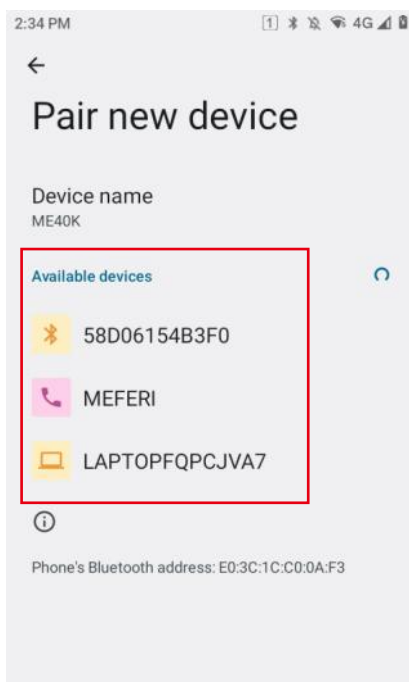


Bluetooth connection

1, Tap Pair new device to search for Bluetooth devices nearby.

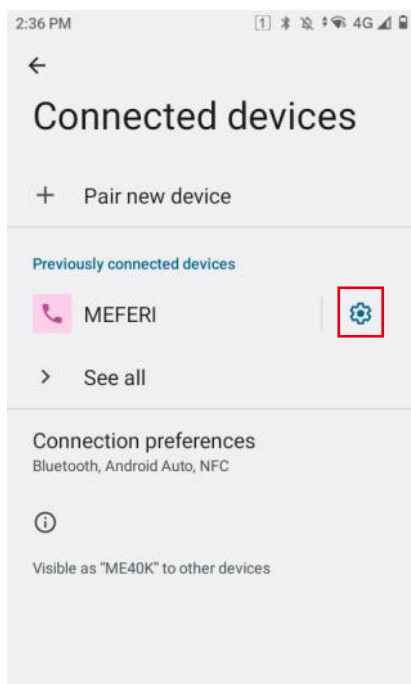


2, Tap the device to be connected and enter PIN code for verifying pairing or request for entering PIN code.

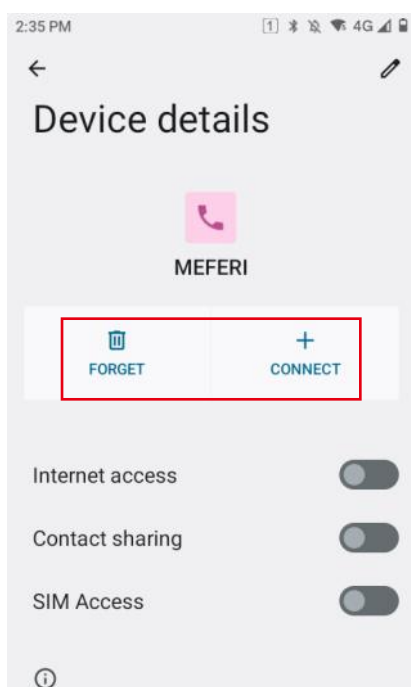


Management paired devices

1, Click the previously connected device settings icon.

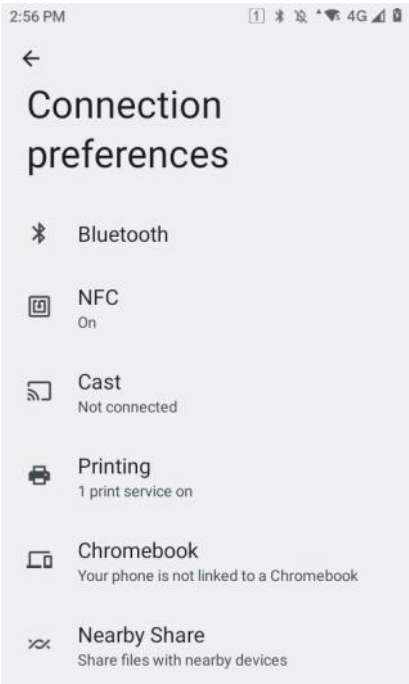
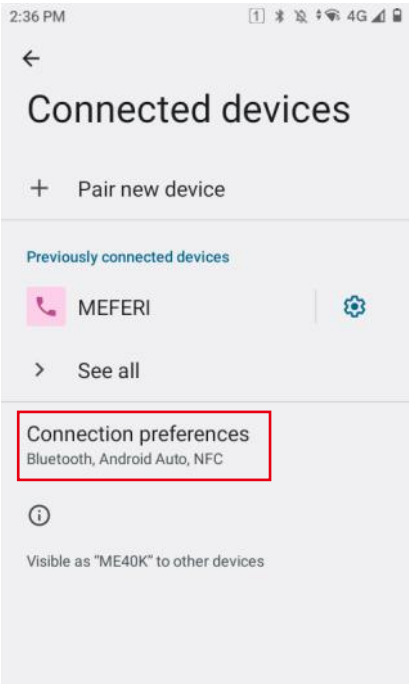


2, Can perform management operations such as "forget" and "connect" on previously connected devices.



Connection preferences

1, Set up Bluetooth, NFC, etc.



Chapter V Accessories

Introduction

This chapter describes ME40K accessories.

List of Standard Accessories



USB Type-C Cable

- Support Charging and Data Transferring
- USB 2.0 Port: OTG, Type-C
- Length: 1m



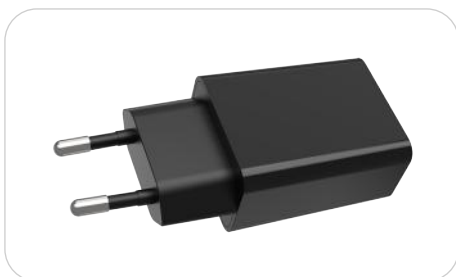
Battery

- Standard Battery: 3.85V/5180mAh



Hand Strap

- Convenient for Mobile Operation and Carrying Around



Power Adapter

- Input: 100-240V 50/60Hz 0.6A
- Output: 3.6-6.0V—3.0A 18.0W 6.0-9.0V—2.0A 18.0W 9.0-12.0V—1.5A 18.0W
- ME40K: 9V/2A Quick Charge

List of Optional Accessories



Single Slot Cradle

- Support Charging One Device and One Battery
- DC Jack Charging Port
- Charging Cradle Adapter Output: 12V/2A
- Support Type-C Data Transferring Battery
- Support Charging and Communicating with Solid Rubber Boot and Wearable Strap
- LED Charging Status Indicator: Red for Charging, Green for Full Battery



Power Adapter

- Power Supply-12V/2A/DC Interface-Black-Europe Standard



4-Slot Battery Charger

- Support Charging 4 Batteries
- DC Jack Charging Port
- Charging Cradle Adapter Output: 12V/4A
- LED Charging Status Indicator: Red for Charging, Green for Full Battery



Power Adapter

- Power Supply-12V/4A/DC Interface-Black-Europe Standard



Screen Protector (Glass)

- Protect Screen Glass

List of Optional Accessories



Pistol Grip

- Scanning with Trigger Button
- Comfortable Grip



Pistol Grip Hand Strap

- For Pistol Grip



Holster (for Gun)

- Convenient for Carrying Around
- Compatible with Pistol Grip



Shoulder Bag

- Convenient for Carrying Around



Protective Boot

- Improve Device Protection

Chapter VI Maintenance and Troubleshooting

Introduction

This chapter sets forth the device's maintenance methods and troubleshooting solutions to help users use the product appropriately.

Maintenance

To ensure that the device does not break down, please abide by the following instructions while using ME40K:

- Do not scratch the screen of ME40K. While using ME40K, please use a recognized touch pen or any other pen which is fit for touching with point made from plastics. Please do not use a real pen, pencil or anything sharp to touch the screen of ME40K.
- The screen of ME40K is made from glass. So please do not make ME40K fall on the ground or get hit.
- Prevent ME40K from bearing too high or low temperature. Do not put the device on any automotive instrument panel in hot weather. Keep it away from any heat source.
- Do not use ME40K anywhere dusty, damp or moist.
- Clean the scanning head and camera of ME40K by soft lens cloth. If the screen of ME40K gets dirty, please clean the screen by soft cloth with diluted glass cleaning solution.

ME40K cleaning

Housing

Scrub the housing by cloth with alcohol, including keys.

Display screen

Scrub the display screen by alcohol wipes but be sure that no liquid drops nearby the edge of the display. Immediately dry the display screen by soft and abrasive-free cloth to prevent mark left.

Camera and scanning window

Please scrub the camera and scanning window by lens wipers or other materials made for cleaning optical materials (e.g., glasses).

Troubleshooting

ME40K troubleshooting.

Problem	Reason	Solution
Press the power key but ME40K does not work.	The battery is not charged.	Charge the battery in ME40K.
	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.	Turn on 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.
ME40K is off.	ME40K 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 device runs out of battery.	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 ME40K's storage is full.	Too many files are saved in ME40K.	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 ME40K.	Uninstall unused apps in ME40K to recover storage capacity.
ME40K 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 ME40K within proper scanning range.
	Battery low.	Check battery capacity.