POINT Mobile

For Android™ 8.1.0

Enterprise Mobility

PM85

User Manual

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User Manual

Please note your phone is battery-embedded design with removable battery and battery cover. Unauthorized personnel are strictly prohibited from disassembling the phone. Make sure to use only the power adapter (5V 2A Output AC/DC) that came with PM85.

In case your phone does not work as expected, you are strongly recommended to restart it by pressing and holding the power button for at least 8 seconds until the startup screen appears. If your phone has encountered a serious error and cannot be recovered, you should reset your phone to factory settings by using the menu, either “Backup & Reset”, or “Factory Reset”. For more details, please refer to “Factory data reset” section.

> **Note:** Please be cautious while performing the factory data reset. Because this will erase personalized settings and data saved in your phone, such as SMS, Contacts, Music, etc.

Screenshots in this manual may different compare with latest Android App version

Rev 08

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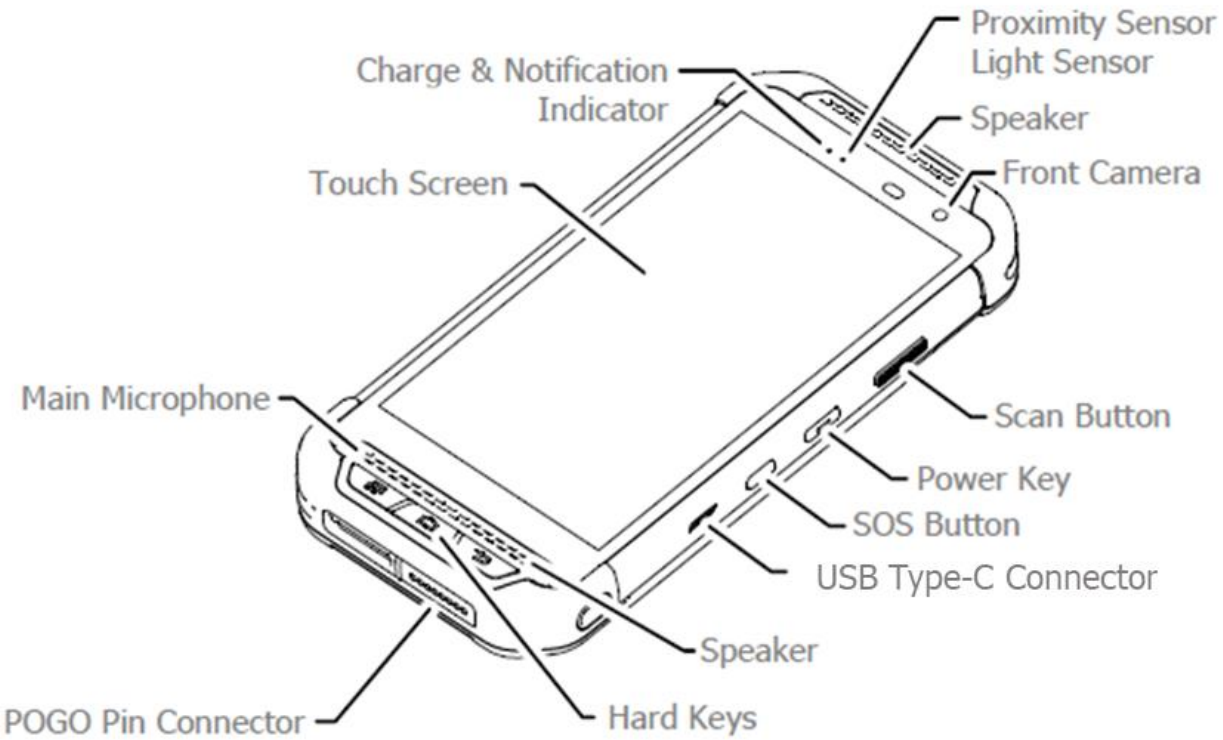
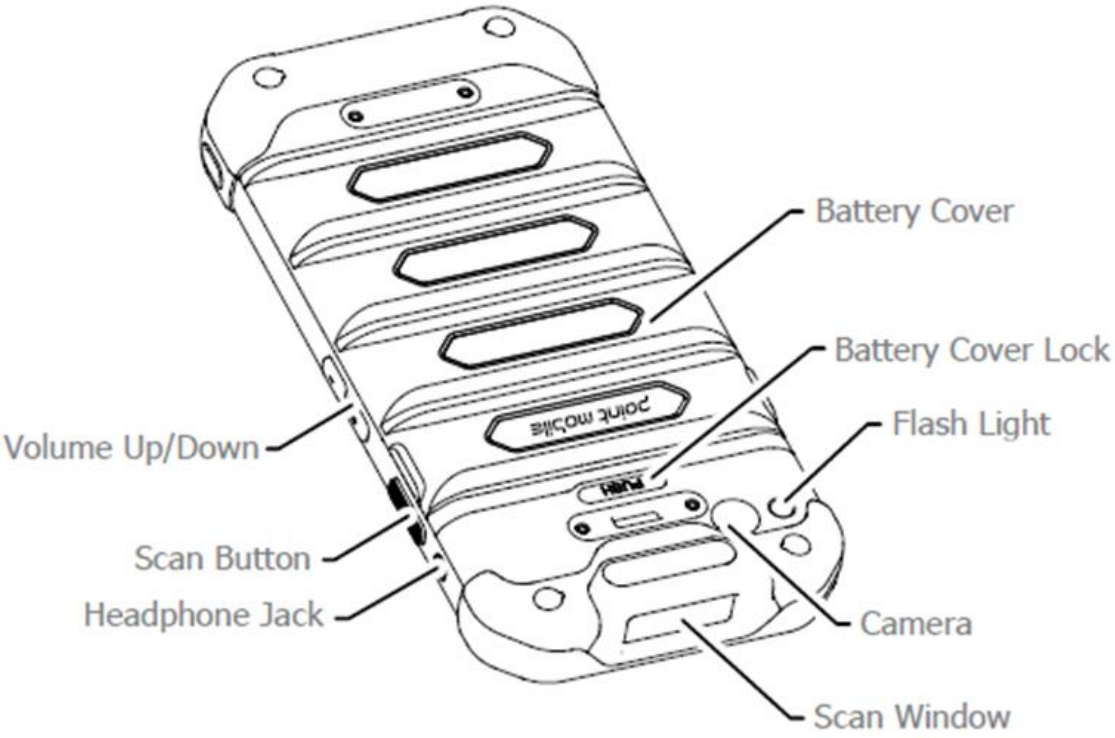
Major Parts





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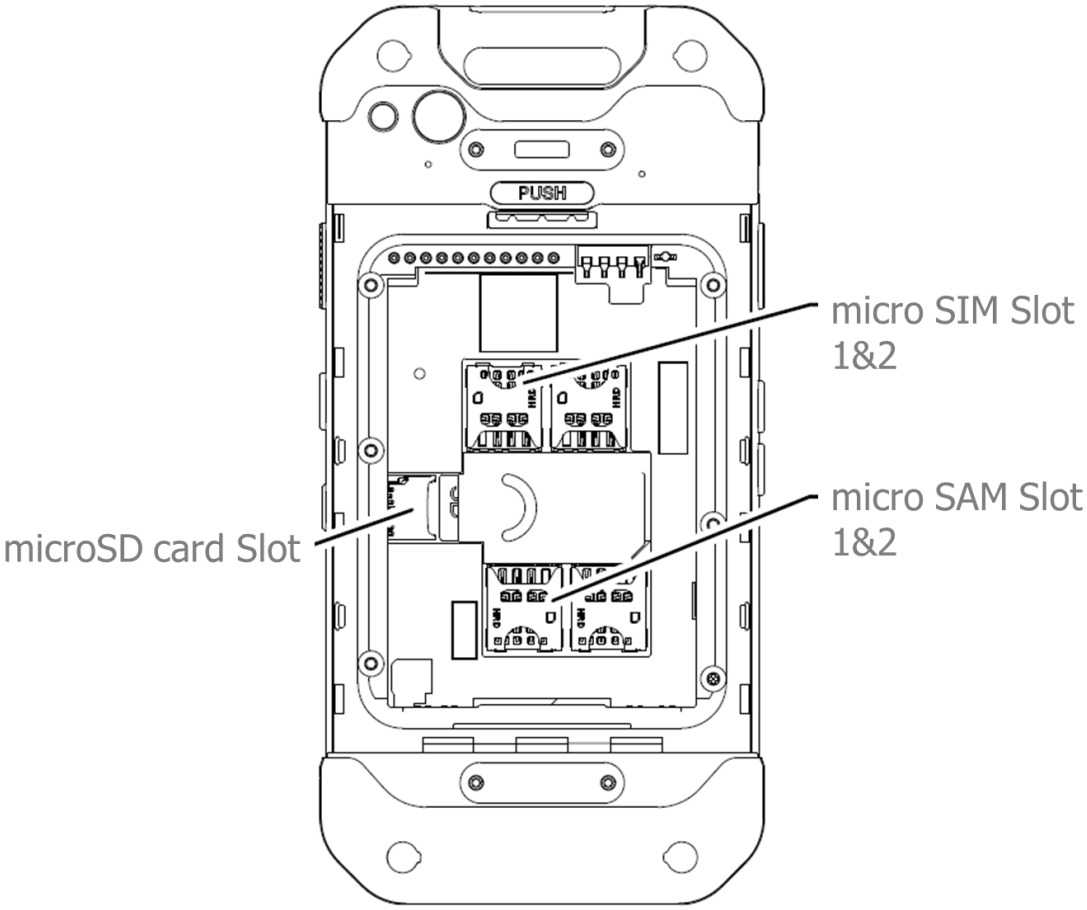
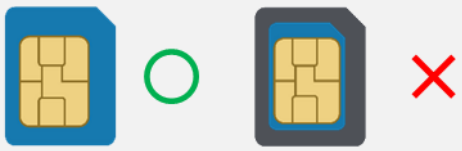
Major Parts



Note 1: PM85 only supports the micro SIM cards. Do not insert a size modified card with SIM adapter. Size modified card is thicker than the standard Nano SIM card and may damage the card slot



Note 2: PM85 supports up to 32GB microSD card

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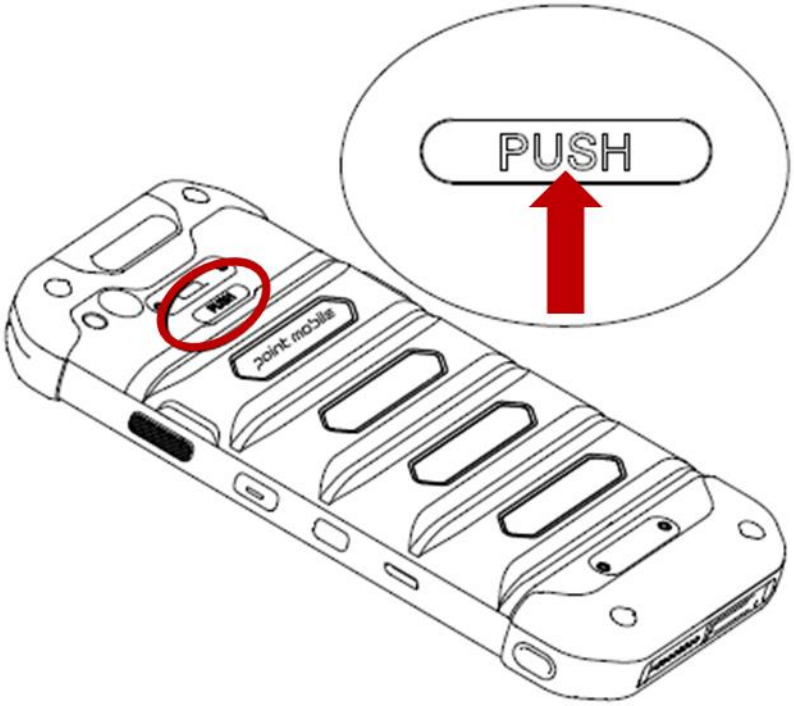
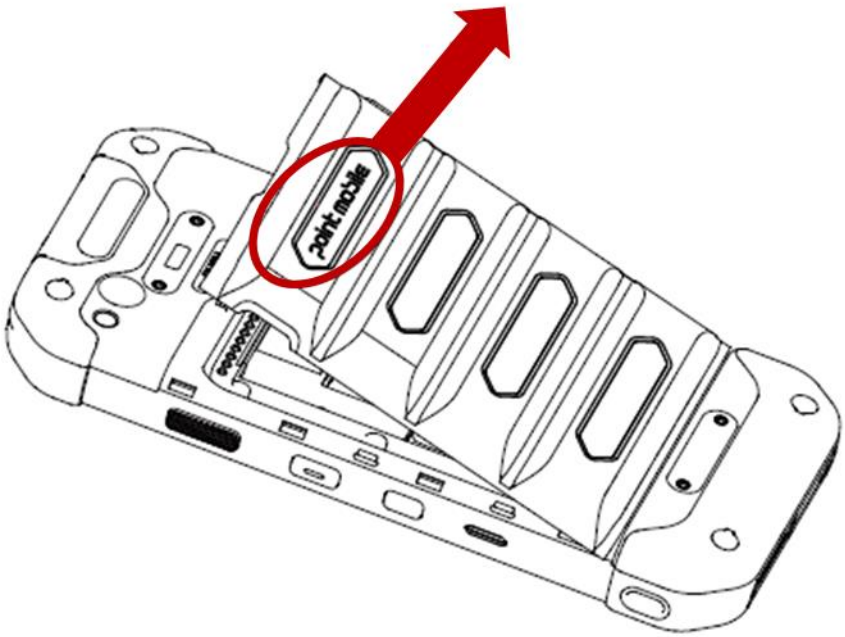
Setup PM85

Remove the Battery Cover

1. Push down the Battery Cover Lock



2. Lift up the Battery Cover and open



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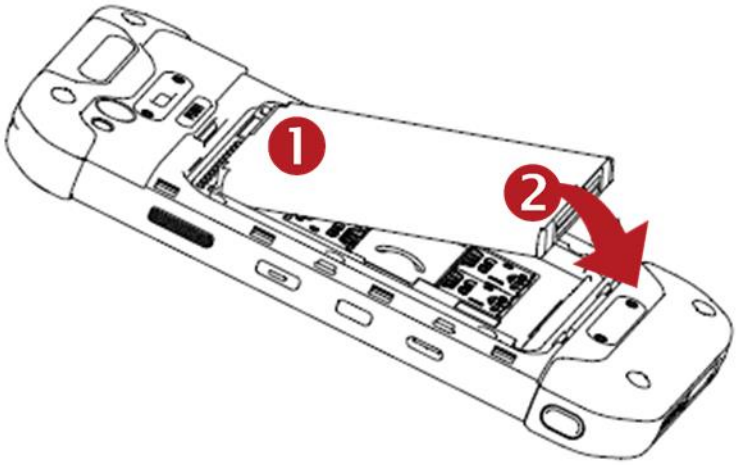
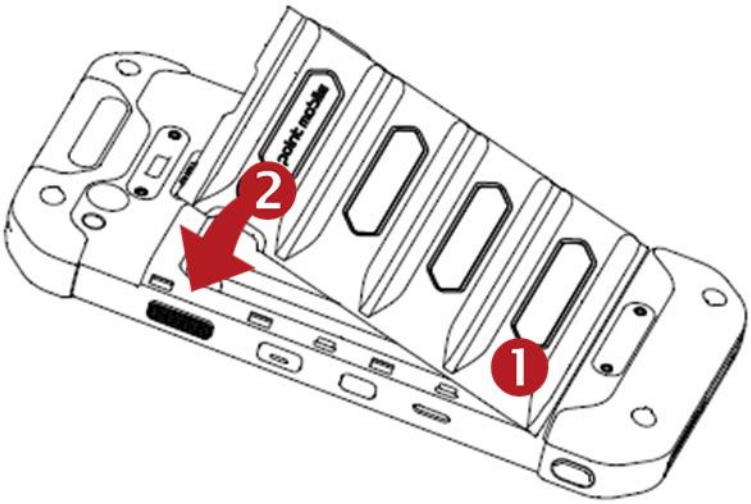
Setup PM85

Insert the Battery

1. Insert Battery from the top first, and then put in the bottom



2. Insert the Battery Cover from the bottom first



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Turn On/Off PM85

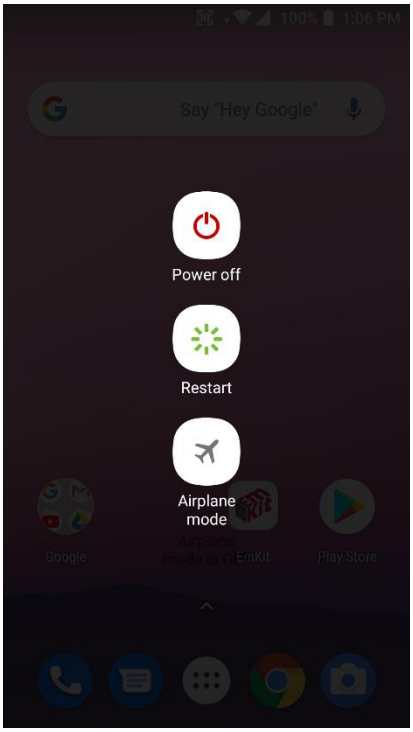
Turn On

1. Press and hold the “Power Key” for a few seconds.
2. When PM85 enter to the boot mode, it will display “SMART BEYOND RUGGED” logo
3. Release the “Power Key” and wait until PM85 finish booting

> **Note:** If you cannot turn on your PM85, try below steps
>
> - To turn on PM85, battery needs to be charged certain level. Please charge first
> - Press and hold the “Power key” for over 8 seconds to force reboot

Turn Off

1. Press and hold the “Power Key” until you see the power menu



2. Touch “Power Off”

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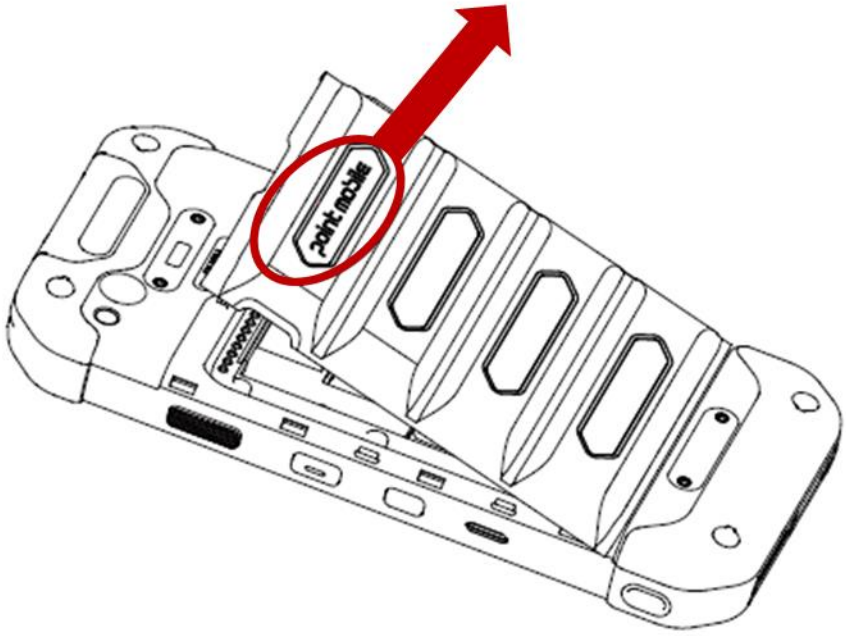
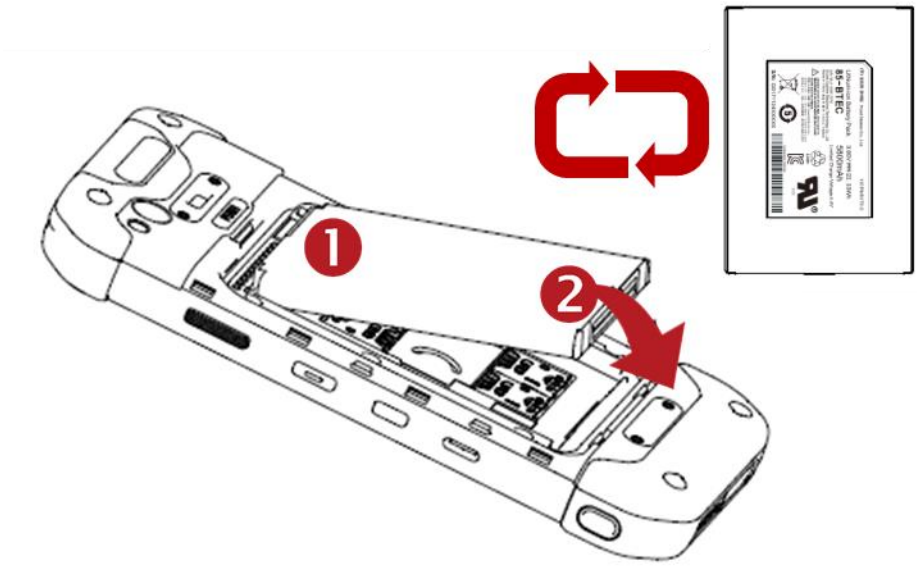
Hot swap the Battery

When Battery level is low, you can replace the battery without turning off and on the PM85

1. Remove Battery Cover



2. Replace the Battery



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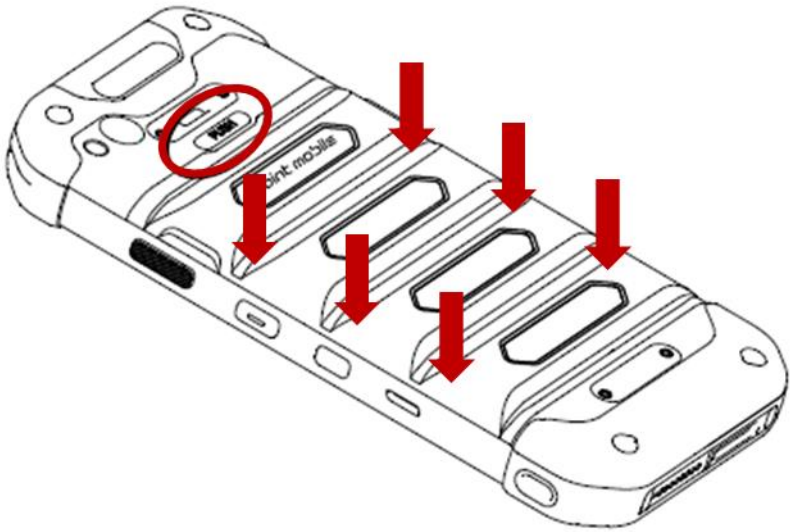
Hot swap the Battery

3. Close the Battery Cover firmly



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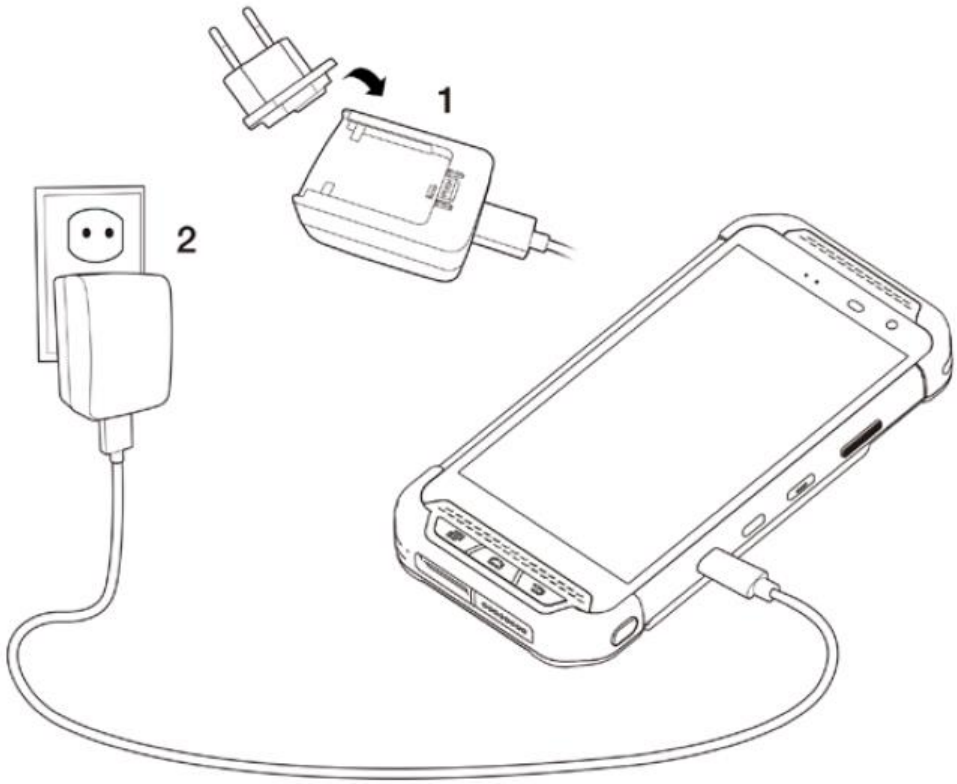
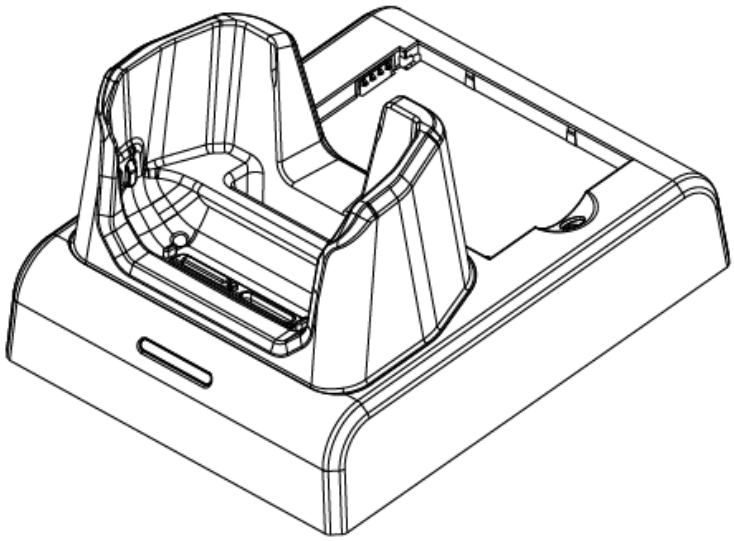
Charge PM85

1. Assemble the country code and AC adapter first. Connect USB cable to assembled AC adapter
2. Connect another side, USB type C connector to the PM85 and apply the power from wall socket





You can also charge the PM80 with cradle (optional accessory)

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Charge PM85

3. LED indicator will display charging status.

Steady Red	Battery is charging or Battery level is low
Blinking Red	Battery level is critical low
Steady Green	Battery is fully charged

Standard Battery	2,900mAh 3.85V
Extended Battery	5,800mAh 3.85V
Charging time	Standard Battery : About 3 hours Extend Battery : About 5 hours

Note: Always use an original charger and cable from the Point Mobile. Other chargers and cables may damage PM85. In addition, make sure connector, charger, cables are not wet.

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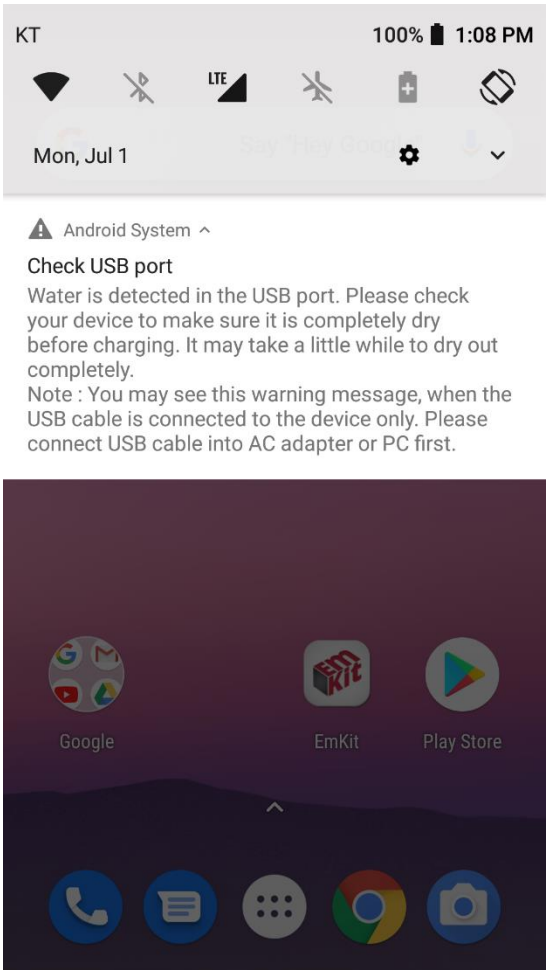
Charge PM85



When you have **Check USB port** notification

1. Remove moisture in the USB port first and then connect with USB type C cable
2. If #1 doesn't work, please wait until moisture dry out
3. Please check PM85 connect with USB type C cable only. This case, please connect USB cable in to AC adapter or PC side as well.

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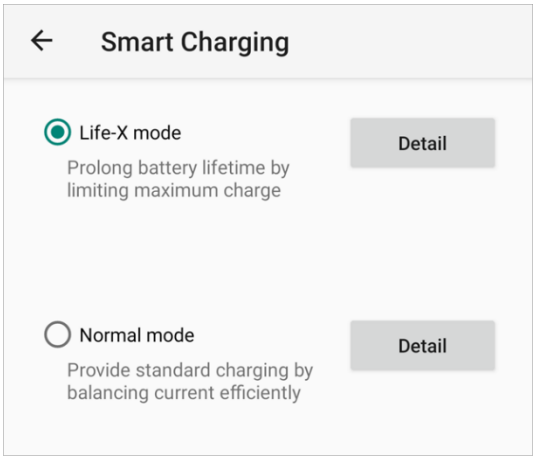
Smart Charging

PM85 supports two charging modes to provide optimal battery performance for your work.

- **Life-X mode (Default)**
  - An optimized charging mode that improves the battery's lifespan and stability

- **Normal mode**
  - A typical charging mode.

To change the smart charging mode, go to **Settings** > **Battery**, and select **Smart Charging**.



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Use a keypad

Power key

Press

- Lock the screen / Light up the screen.

Press and hold

- Display the power menu “Power Off / Restart / Screenshot”

Press and hold over 12 seconds

- Force rebooting

Press and hold the **Power key** and **Volume Down key** together

- Screen capture

Volume keys

In general

- Adjusts the media and ringtone volume
- **Mute** the ringtone during an incoming call (Volume Up / Down key)

In voice call

- Adjusts the volume (Speaker or Headphone)

In camera preview

- Take a photo (Volume Up / Down key)

Scan Button

When **Scan Wedge** mode is activated

- By pressing, PM85 scan the barcode

SOS Button

Press to launch assigned app in emergency situation

You can set **EmKit - Program Buttons**

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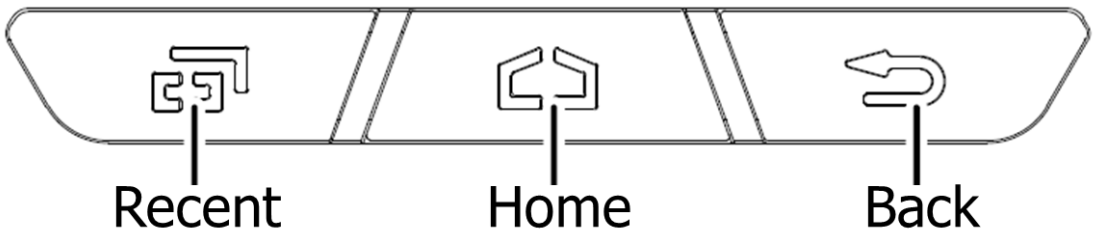
Use a keypad

Front Keys



Recent App	Press to see recently used apps
Home	From any apps or screens, press to return to the Home screen
Back	Press to go back to the previous screen, or to close a dialog box, options menu, notification panel, etc

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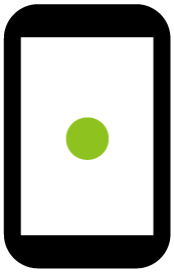
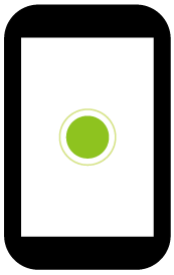
Use a touch screen



Touch

One-finger press

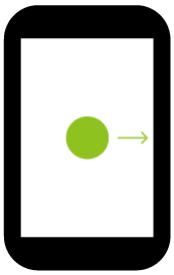


Double touch

One-finger press, lift, one-finger press, lift for “Zoom in”

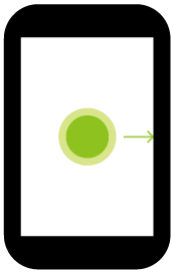
Long press

One-finger press, wait, lift for “Select an item”



Drag, Swipe, or Fling

One-finger press, move, lift for “Scroll” or “Tilt”



Long-press drag

One-finger press, wait, move, lift for “Pick up and move” or “select multiple items”

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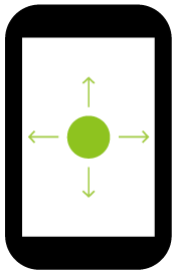
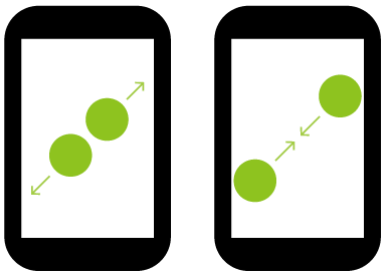
Use a touch screen



Scroll

Vertical or horizontal swipe in a single direction



Pinch Open & Close

Two-finger press, move outwards and inwords, lift for “Zoom in and out”

Rotate

When PM85 is turning sideways, screen orientation is changing

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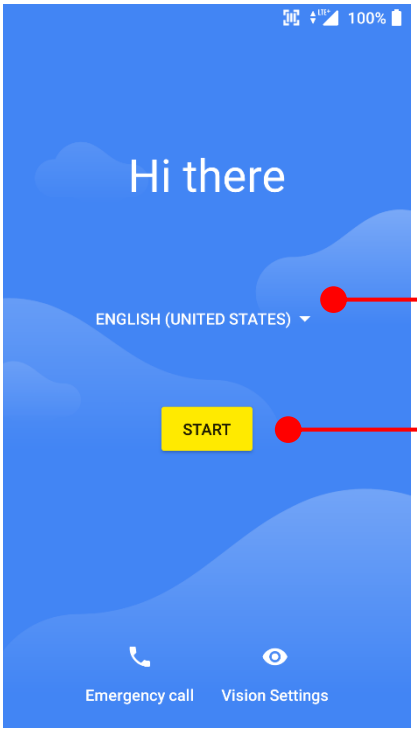
Setup Wizard

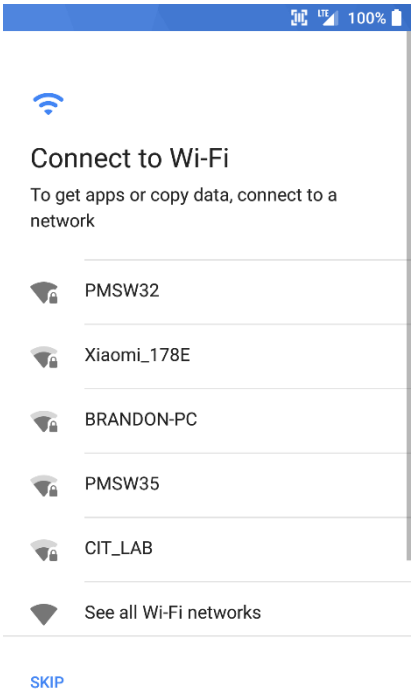


When you power on your device very first time or boot after factory reset, you need to setup your device first

Language Selection

- Choose your language during setup process.

Touch here to start setup your device



To setup your device, Android requires internet connection. Please connect to your Wi-Fi network or use mobile network in this step

Icon means: Open Wi-Fi network. You don't need to enter the password

Icon means: Secured Wi-Fi network. To connect this Wi-Fi, you need to enter the password

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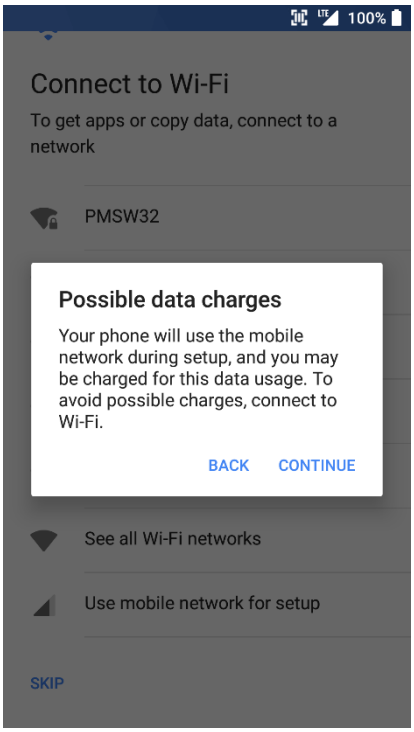
Setup Wizard



Note: If you choose **Use mobile network for setup** option, you may be charged for mobile data usage.

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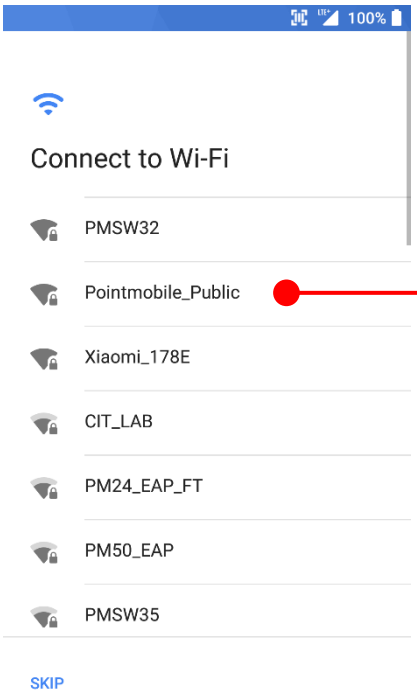
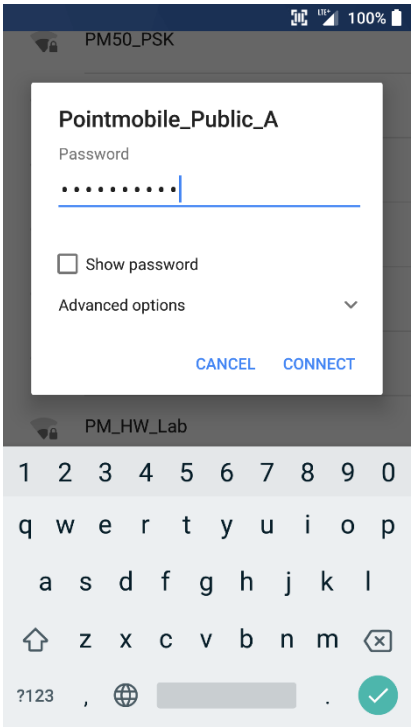
Setup Wizard



Please select Wi-Fi network and input the password (If required)

Icon means: Open Wi-Fi network. You don't need to enter the password

Icon means: Secured Wi-Fi network. To connect this Wi-Fi, you need to enter the password



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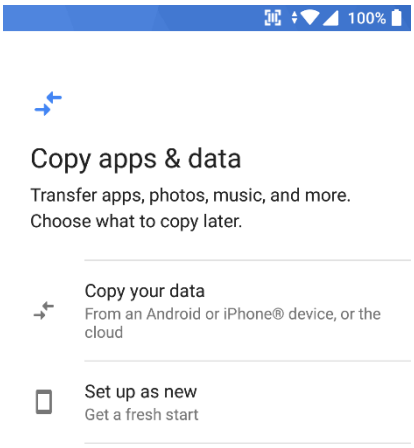
Setup Wizard



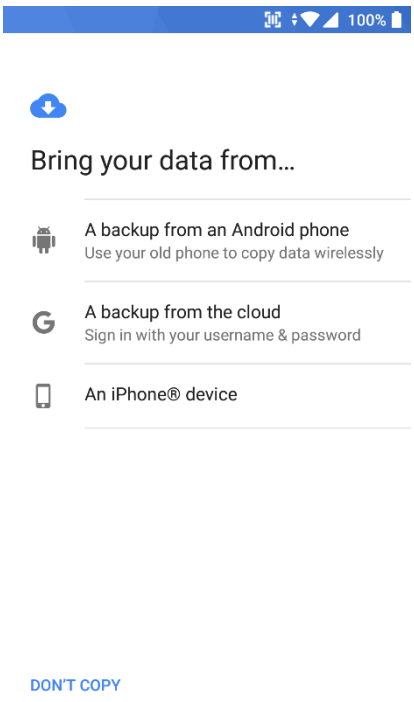
After internet connection, Android will ask set PM85 as new device or copy apps & data from other google account

Copy your data

- You can copy your settings from other Android phone or Google account or iPhone

Set up as new

- Set your PM85 as your new device



Copy your data options

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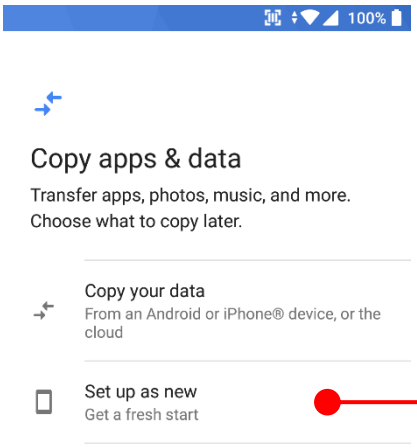
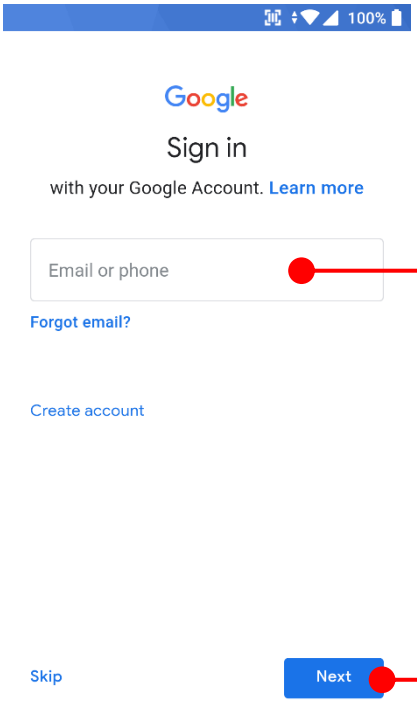
Setup Wizard



Setup as new setup process
- Touch here to set your PM85 as your new device



Please sign in with Google Account

You can skip this Google Account sign in process and set later.
Navigate to **Settings → Users & accounts → Add account → Google**

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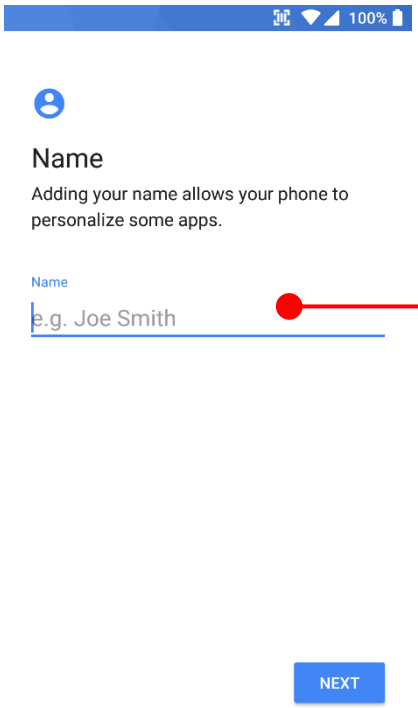
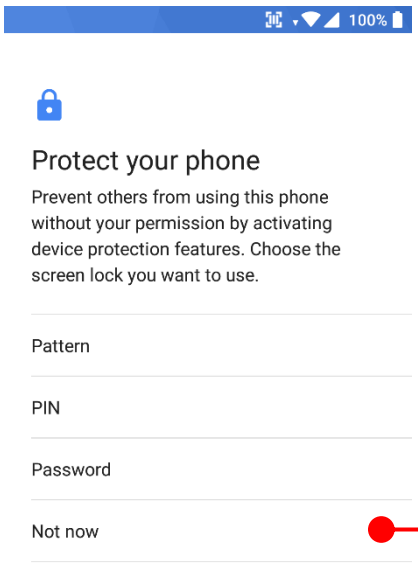
Setup Wizard



After your Google account sign in, you can set PM85's name. Touch here to set a name



Choose security option for lock screen. You set specific pattern or PIN or password here.
You may skip this process and set later.
Navigate to **Settings →Security & location → Screen lock**

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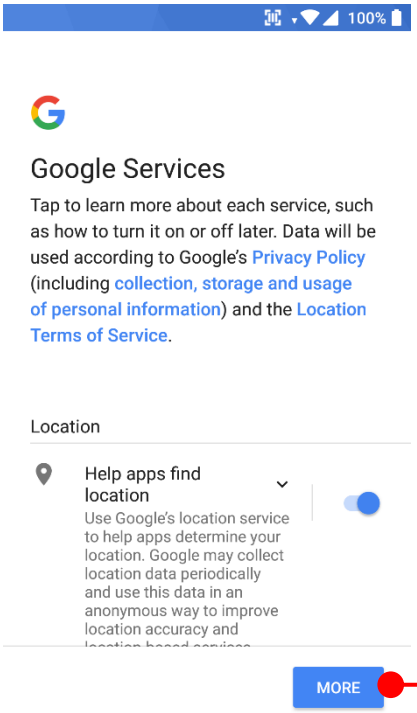
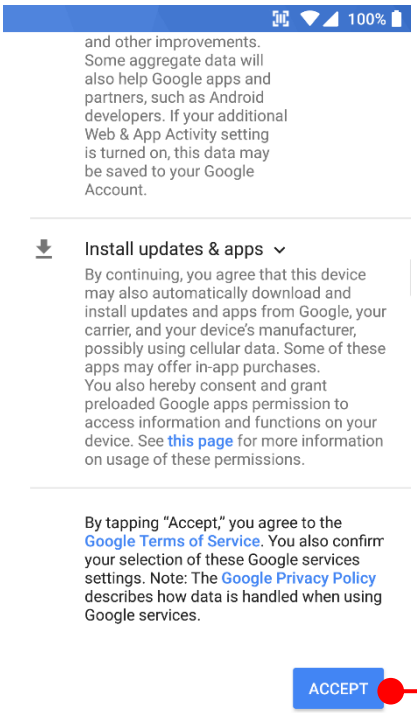
Setup Wizard



To review the Google services option, please touch **MORE** button. You can turn On/Off specific service



Choose security option for lock screen. You set specific pattern or PIN or password here.
You may skip this process and set later

After your reviewing and set Google services option, touch **ACCEPT** button for next step

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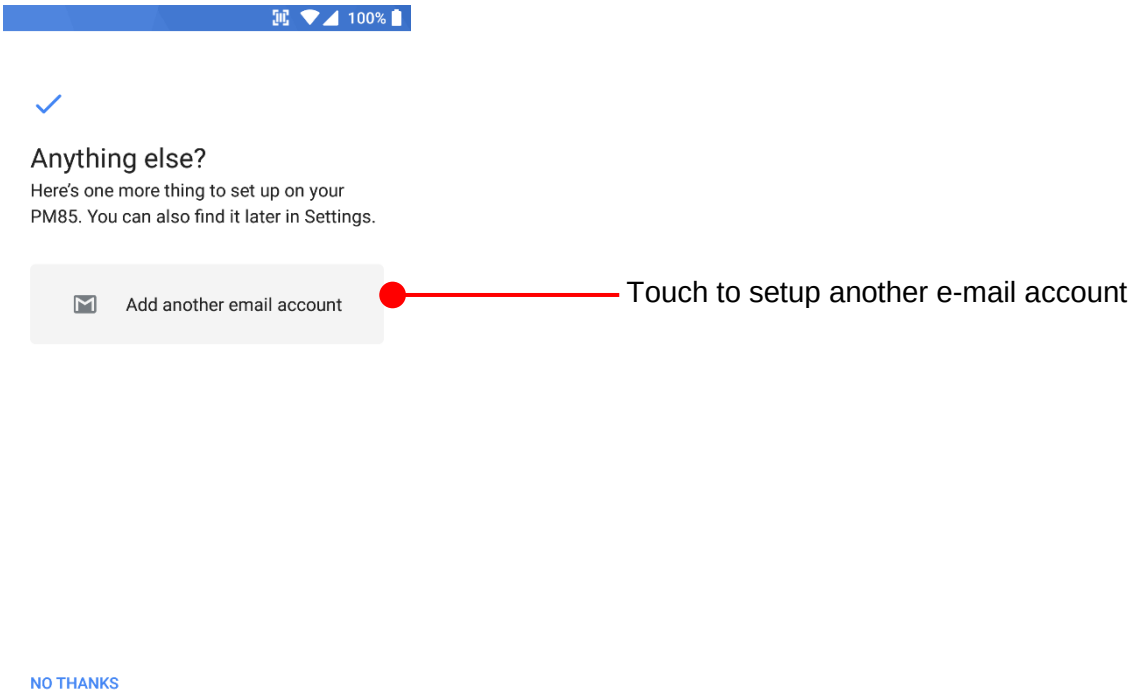
Setup Wizard



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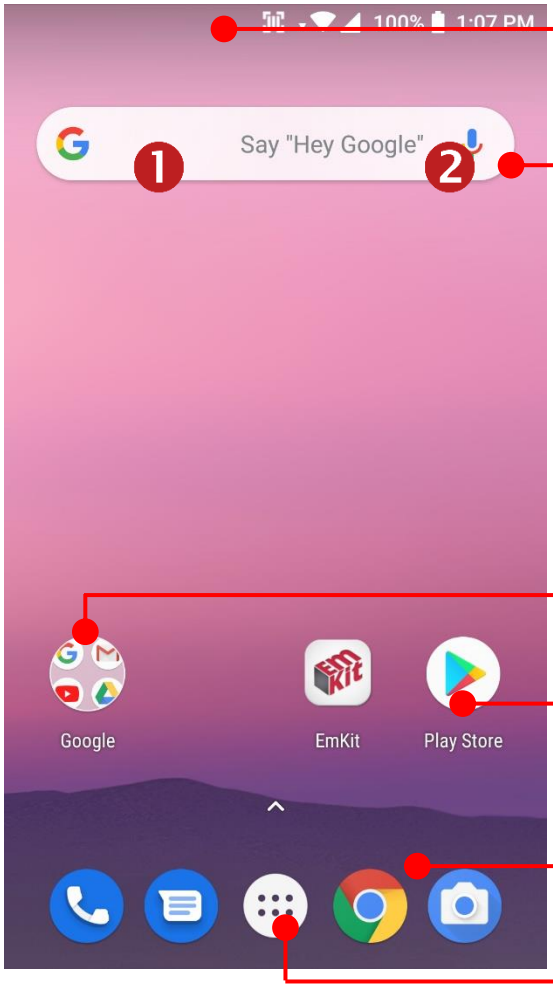
Home Screen, Apps and Widget



Status Bar
- Status / Notification
- Drag down to open the Quick settings panel

Search Bar
- Touch 1 to search by text
- Touch 2 to search by voice

App Folder (Google collections)
- App icons are organized in the folder

Touch an icon to run an app, open a folder, etc

Favorite tray apps
- Touch to run an app
- Touch and hold to reorganize

App Drawer
Touch to browse apps in the PM85

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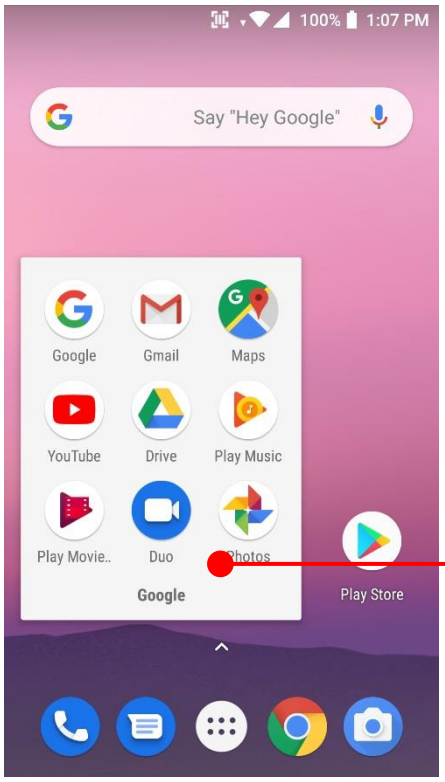
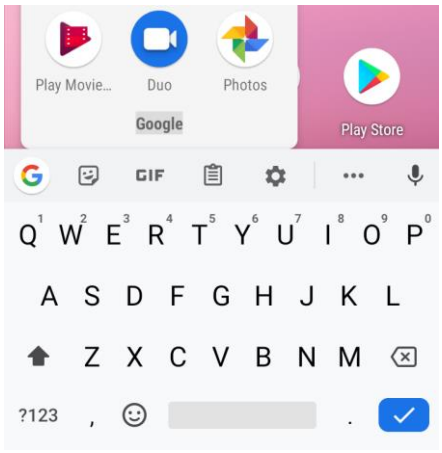
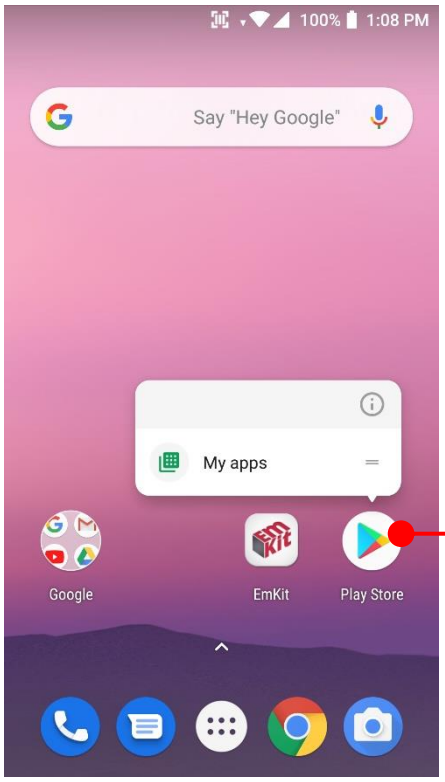
Home Screen, Apps and Widget



To access app folder (Google collections)

- Touch the app folder then you will see apps in the folder.
- To change app folder's name, touch the bottom area of the folder.





To see App's option for quick access

- Long press the app icon. Then you will see options from the app. Here option may different by app

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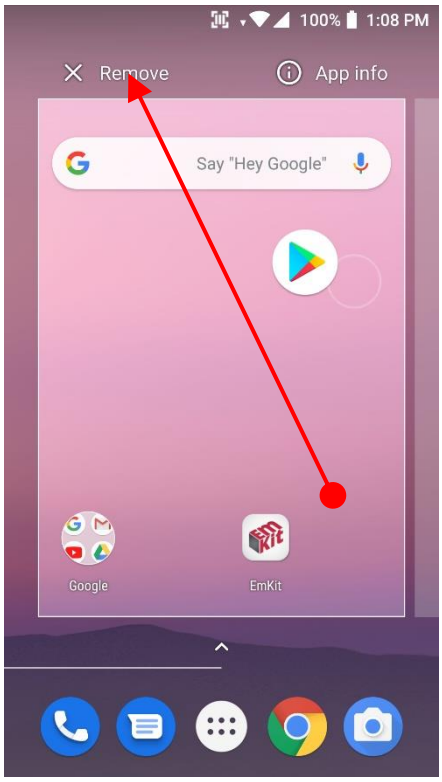
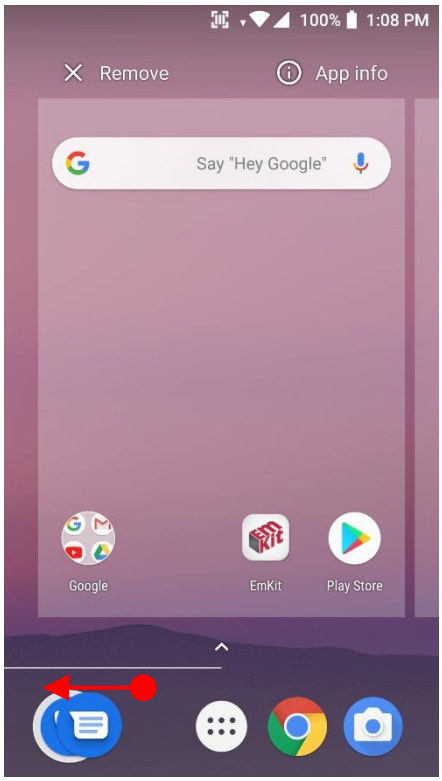
Home Screen, Apps and Widget



Organize the app icon in the home screen

- Long-press drag the app icon and place where you want. You may place app icon to next panel
- If you want to remove the app icon, drag it to **Remove** area and release



Create “App Folder”

- Long press the app icon to another app icon. This will create the **App Folder**
- To set the folder name, touch the **Unnamed Folder** and rename it

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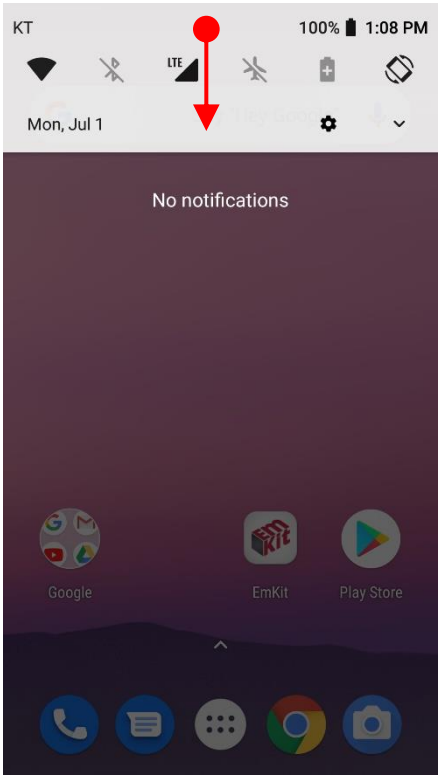
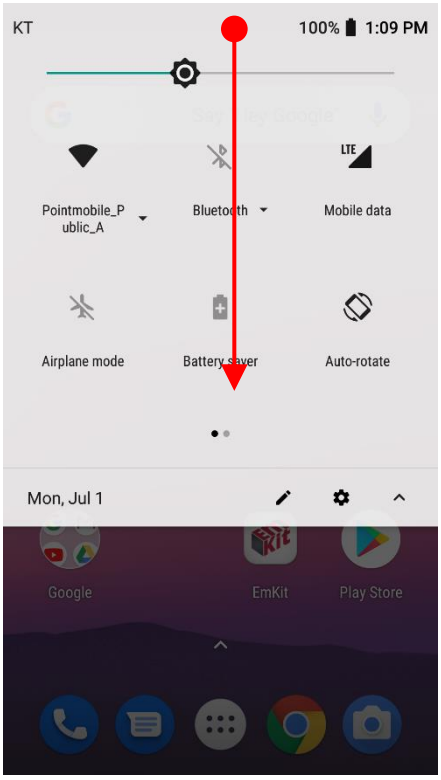
Home Screen, Apps and Widget



Notification panel

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



Quick setting panel

You can access **Quick setting panel** by drag down the **Notification panel**. You can enable / disable system settings or change modes easily.

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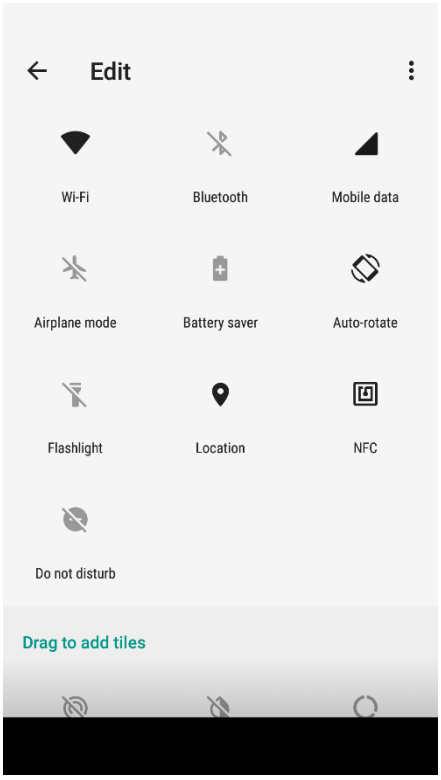
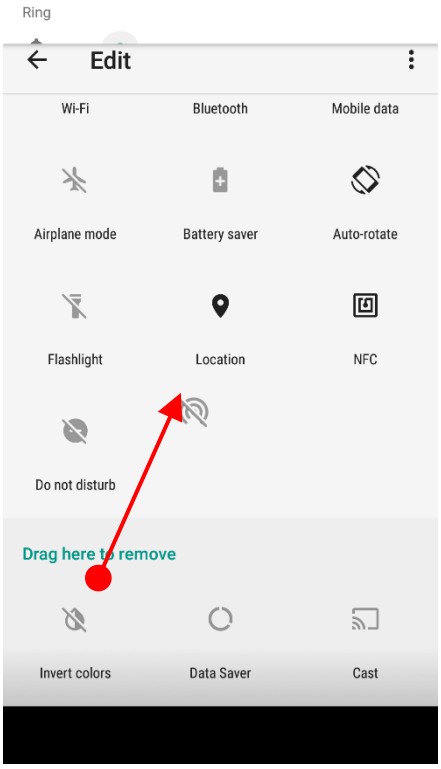


Edit Quick settings panel

To change the order of icons in the **Quick settings panel** or add more icons, touch the Edit icon



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

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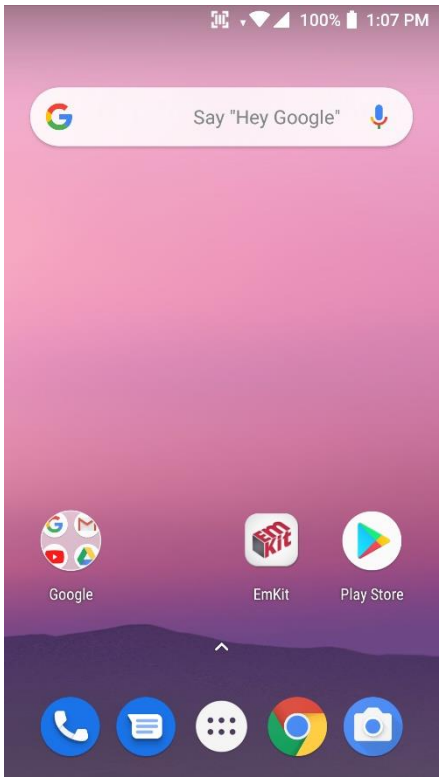
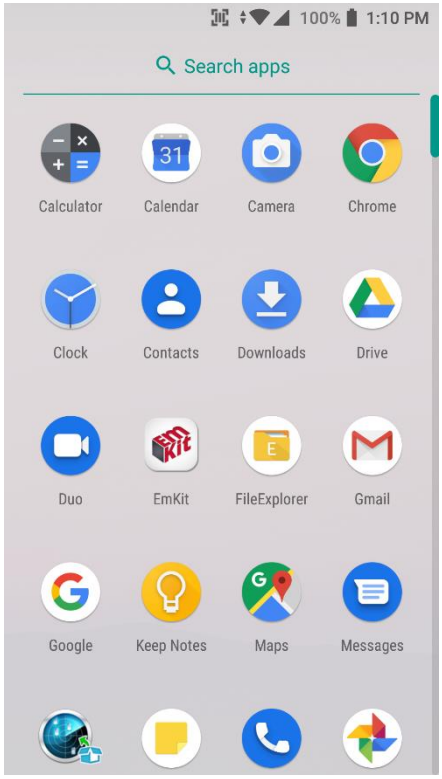
Home Screen, Apps and Widget



Touch the App drawer icon, to see apps in your PM85



All installed apps are listed alphabetically

- Tap an app icon to run.
- Long press, specific app icon to place to the **Home Screen**.

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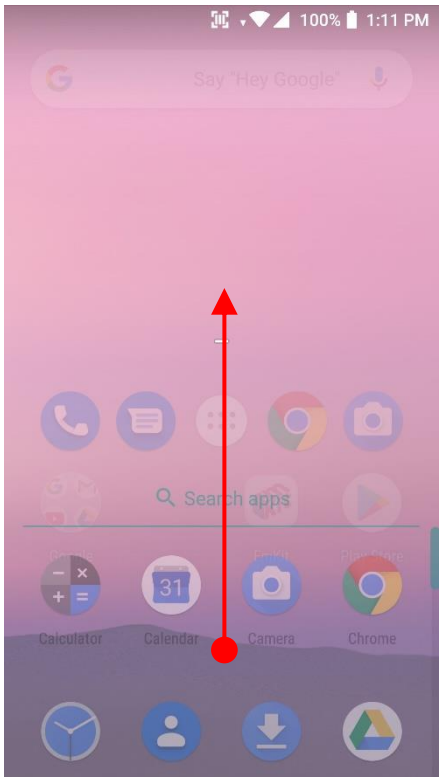
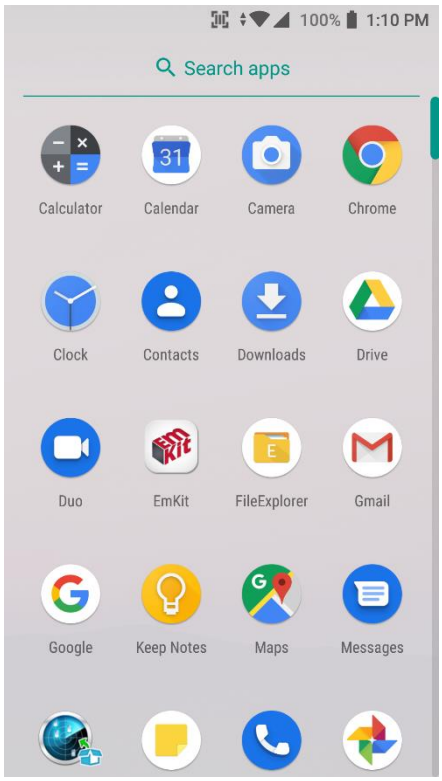
Home Screen, Apps and Widget



By **drag up** the Favorite tray apps area, you can also access to app list in your PM85



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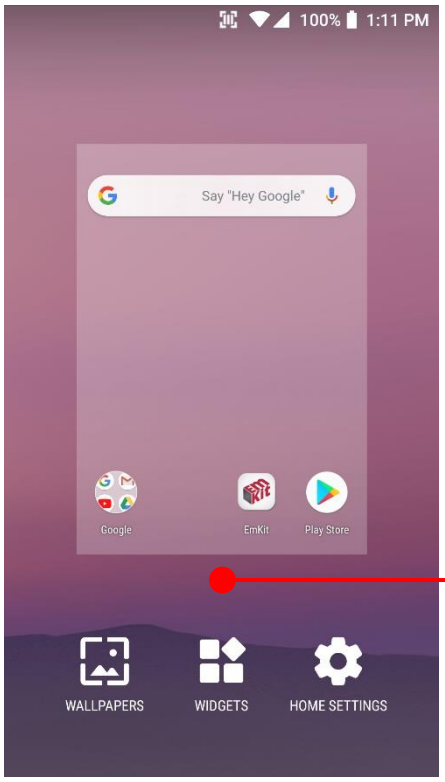
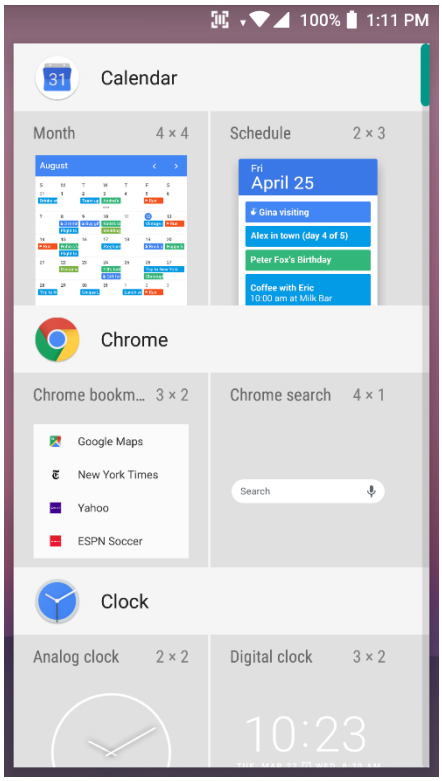
Home Screen, Apps and Widget



To add a Widget in the Home screen, long press the empty space. Then you will see **WALL PAPERS**, **WIDGETS**, **SETTINS** menu. Touch **WIDGETS**



Available widgets are listed. Among the list select the widget which you want to add and place it to the Home screen by drag and drop

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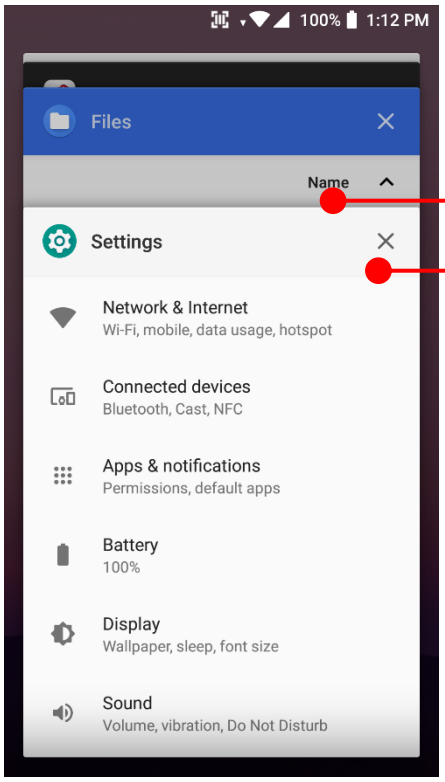
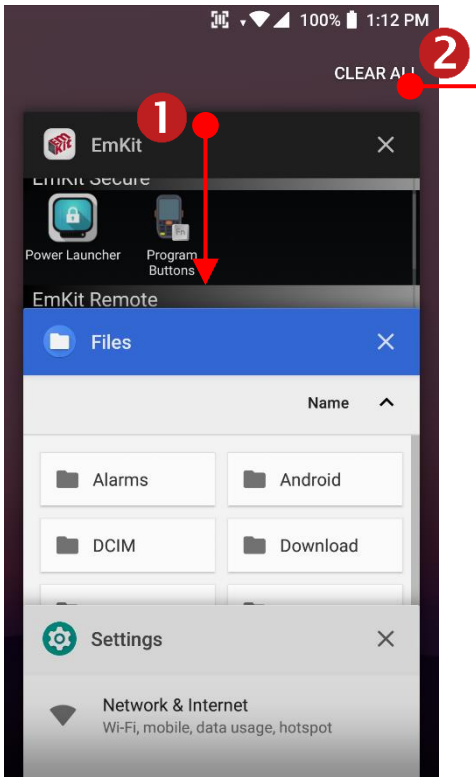
Home Screen, Apps and Widget



By pressing the **Recent button** in the keypad, you can see app lists which you have been access

Touch the app, if you want to access again.

If you want to close individual app, long press the app first and then **touch** ✕ icon
or **Swipe** the app



If you close all of the apps,

1. Swipe down the recent app list
2. And then touch **CLEAR ALL**

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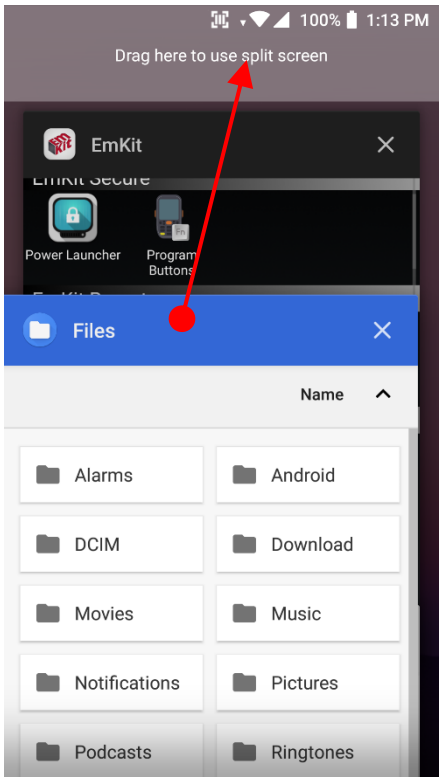
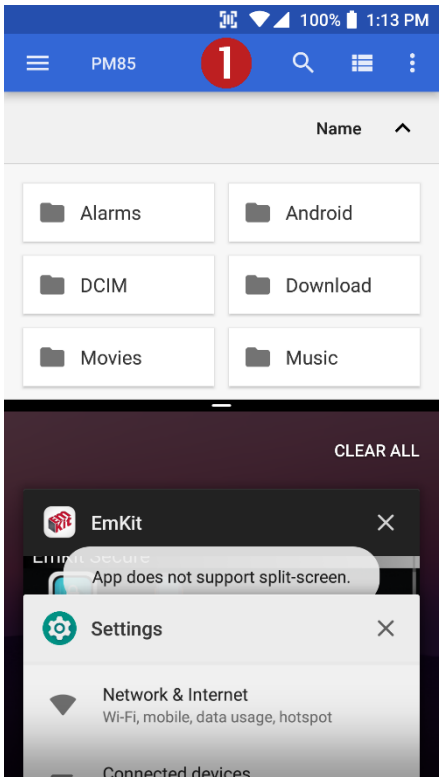
Home Screen, Apps and Widget



To see the two apps in the screen, please try **Split screen** function.

In the recent app list, long press - drag and drop the one of the app to the top area



Now primary app is selected. Touch another app to see in the screen.

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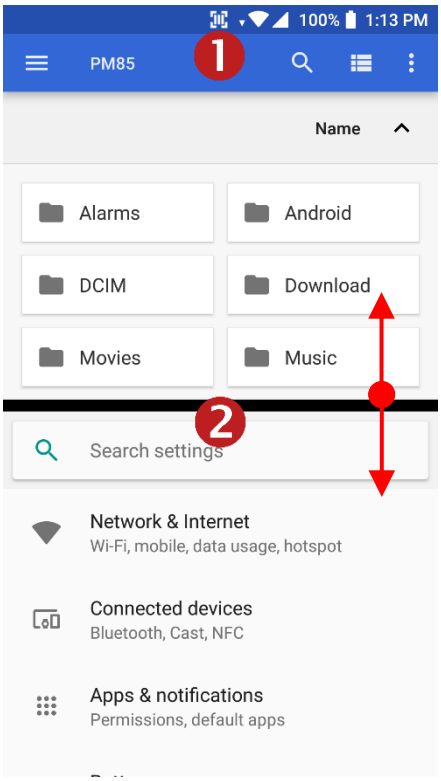
Home Screen, Apps and Widget



By selecting another app, you can see two apps in the screen

> **Note:** Some of the app may not support split screen function

By **scroll up or down** the **black bar** in the middle, you can exit split screen mode.

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Status & Notifications Icons

Status icons

	EDGE connected		Strong signal
	GPRS connected		Good signal
	3G connected		Weak signal
	LTE connected		Connection issue
	No SIM card installed		No data connection
	Airplane mode		Hotspot enabled
	Data communication		
	Wi-Fi turned on		Connected to a Wi-Fi network
	Bluetooth turned on		Connected to a Bluetooth device
	Battery is full		Battery is partially drained
	Battery is low		Battery is very low
	Battery is charging		
	Location service turned on		Using location service
	Speaker phone tuned on		Headset with MIC connected
	Vibrate mode		Phone mic is mute

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Status & Notifications Icons

Notification icons

	Missed call		New SMS or MMS message
	New Email		Connected to VPN network
	Upcoming event		Alarm is set
	App update available		App updated
	Screenshot captured		
	Preparing SD card		SD card removed, unexpectedly
	OTG device connected		
	File uploaded		File downloaded
	File copied		
	Scanner turned on		USB connect mode selection
	There are more notifications		Other input method available

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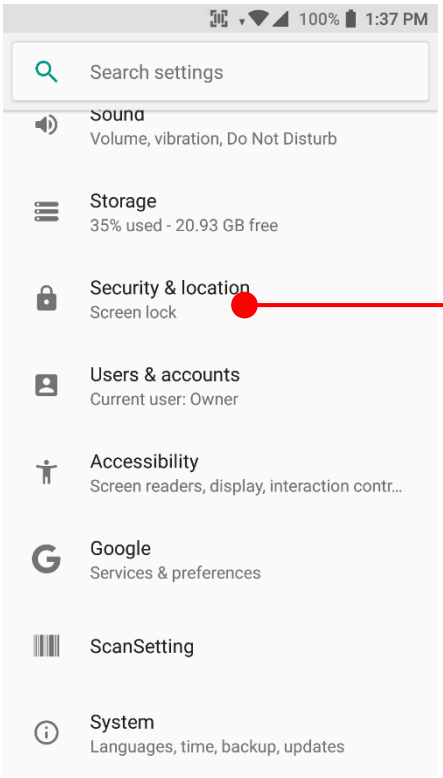
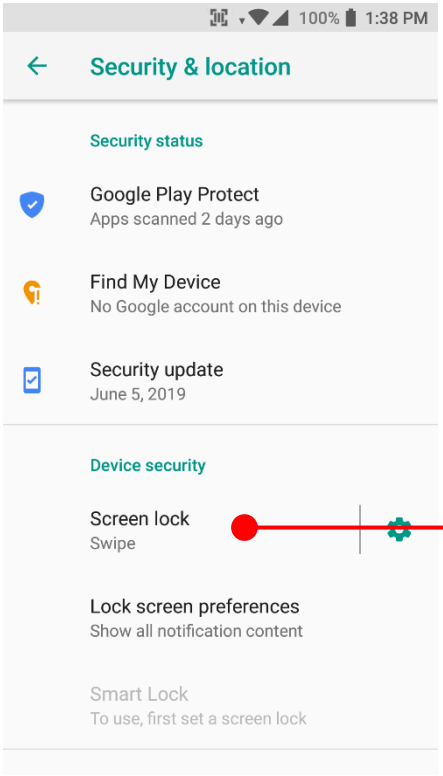
Set a Lock screen



Touch **App drawer** icon → **Settings** and then **Security & location**



Touch **Screen lock**

You can see Screen lock type which is currently set.
To change the screen lock, please touch the menu.

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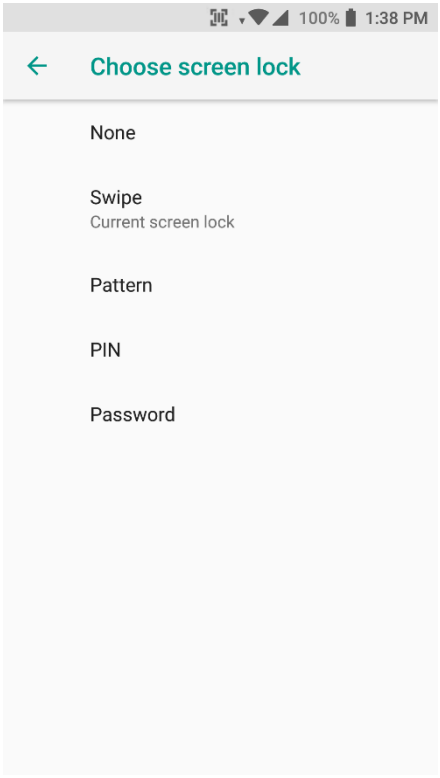
Set a Lock screen



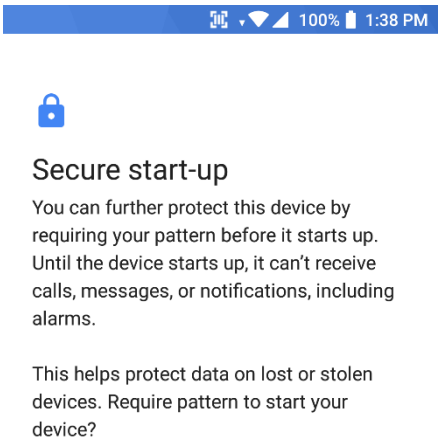
None : PM85 screen unlock immediately

Swipe : To unlock the screen, user should swipe the screen

Pattern : To unlock the screen, user draw the pattern

PIN : To unlock the screen, user should input the pin
(Numbers. At least 4 digits)

Password : To unlock the screen, user should input the password
(Numbers & Alphabet combination. At least 4 characters)



When you choose the Pattern, PIN or Password option, you can set **Secure start-up** option. This function enables user's unlock the PM85 before starts up

If you don't want Secure start-up option, please touch **NO**

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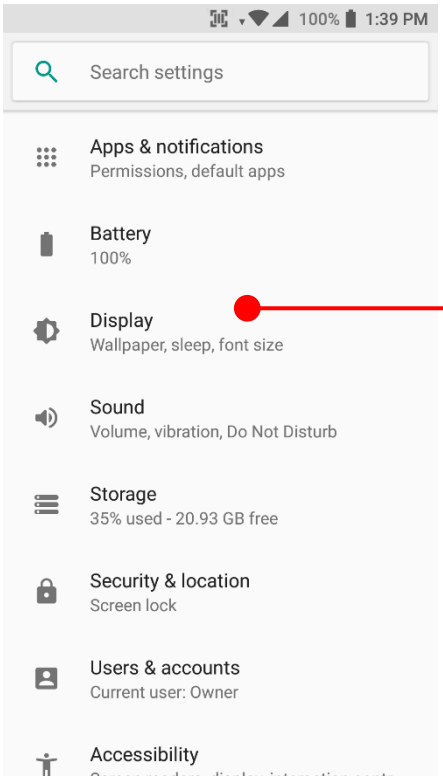
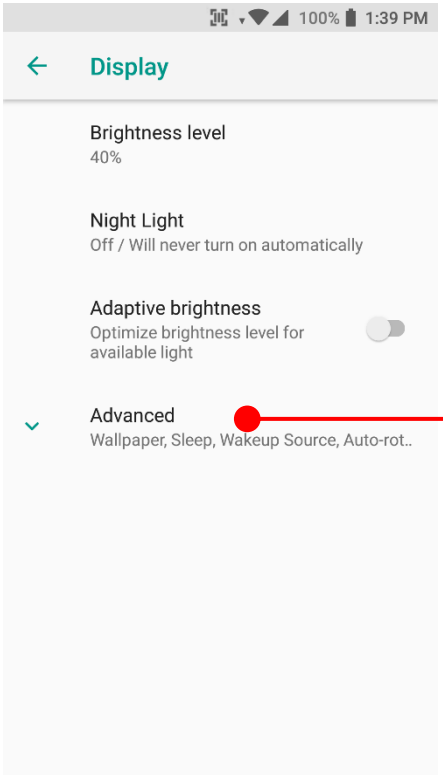
Manage a display



Touch **Display**

Touch **App drawer** icon → **Settings** and then



Brightness level :	This setting changes the screen brightness level
Night Light :	Set amber screen of PM85
Adaptive brightness :	By enable this option, PM85 adjust the screen brightness

Touch **Advanced**

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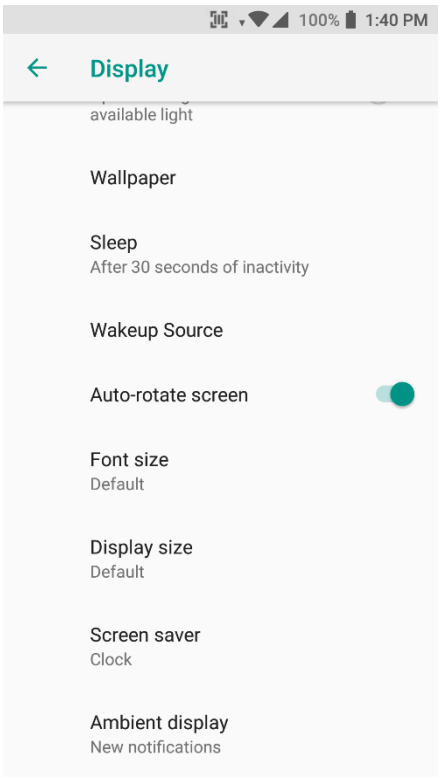
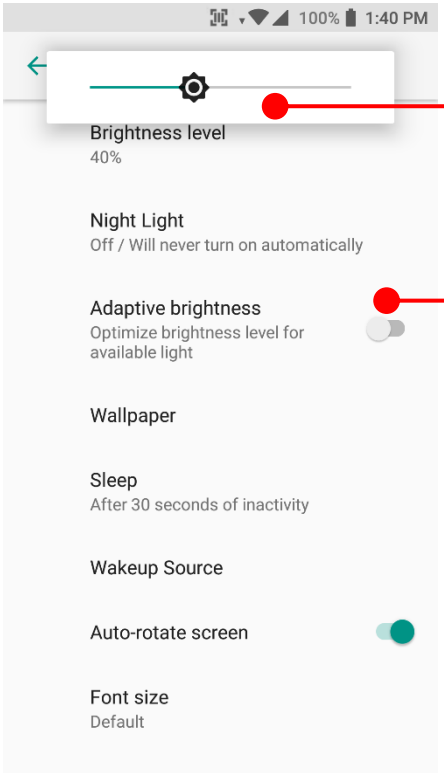
Manage a display



Brightness Level



To change the brightness level, please adjust the slider

If you let PM85 auto adjust the brightness level, please touch “Auto” or enable “Adaptive brightness” option

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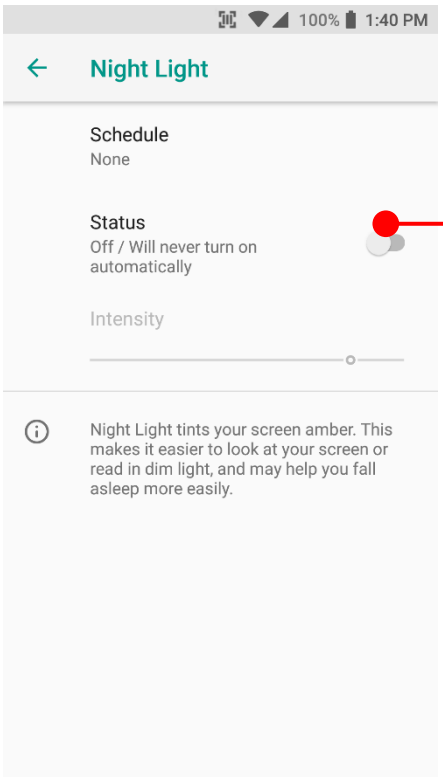
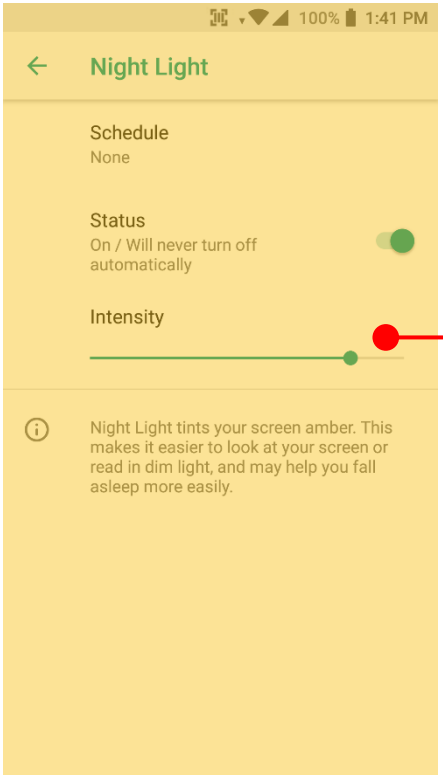


Night Light

To apply amber light, touch here to enable the option



To change the amber level, please adjust the slider

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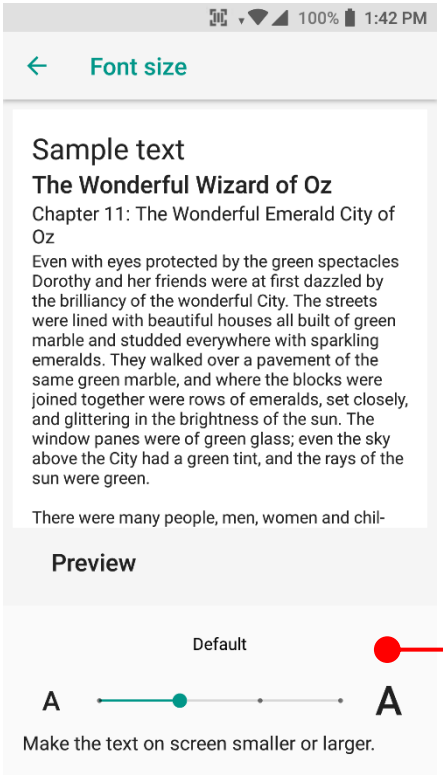
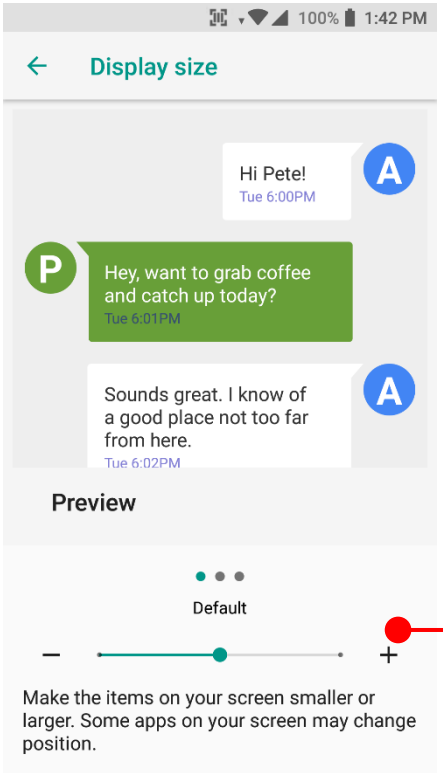
Manage a display



Font size

Change the overall font size of PM85. Please adjust the slider



Display size

Change the amount of the display item of PM85. Please adjust the slider

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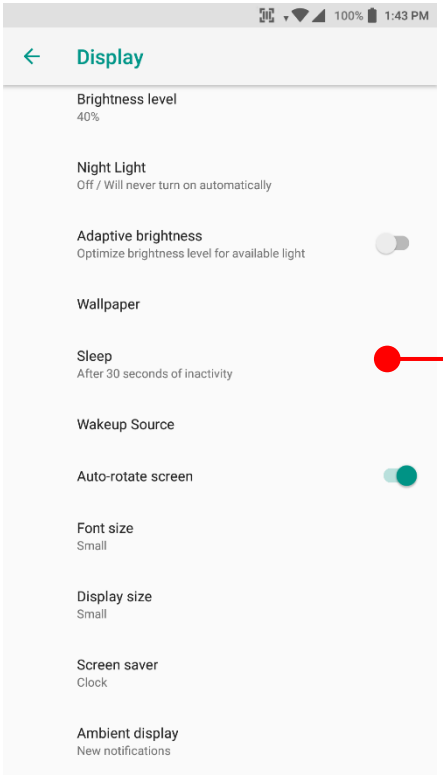
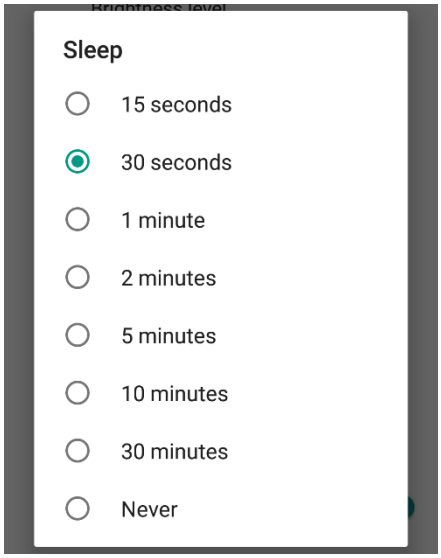
Manage a display



Touch to change PM85's display sleep time



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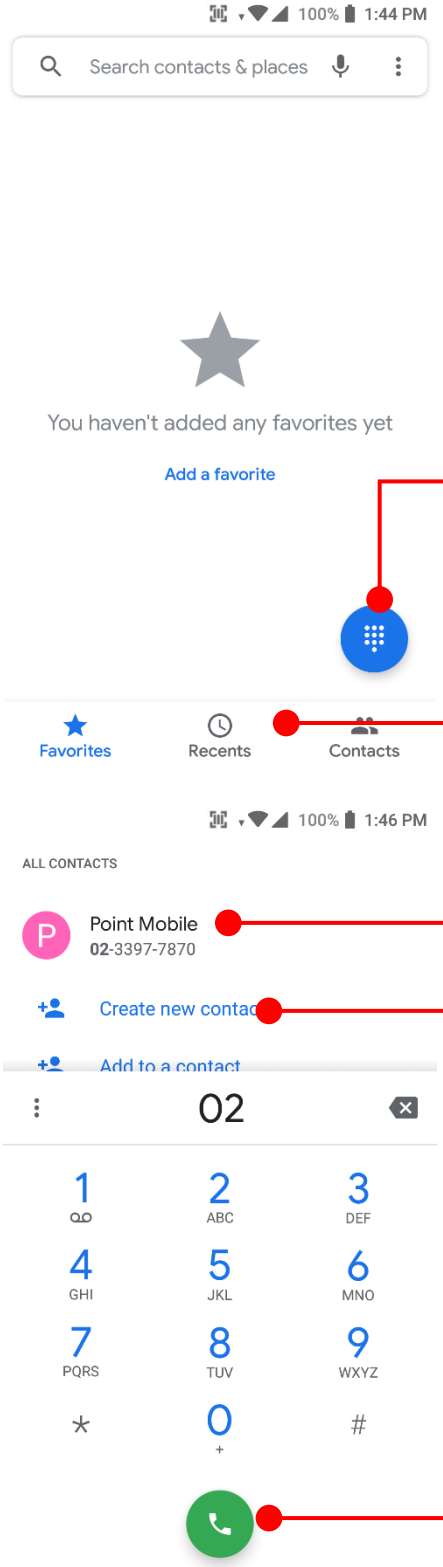
Make a call



Touch **App drawer** icon and then icon in the app drawer

Touch to use a dialer

Touch to access the **Favorites**, **Recents** and **Contacts**.

- To make a call from recent call list or missed call, select **Recents** tab
- To make a call from your contact list, select **Contacts**

Suggested phone number(s)

CONTACTS save options

Touch to place a call

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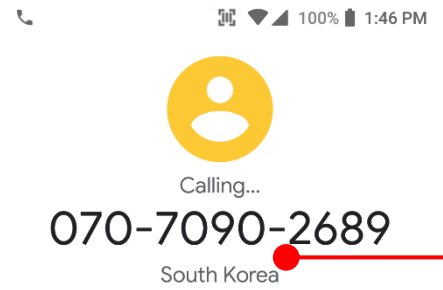
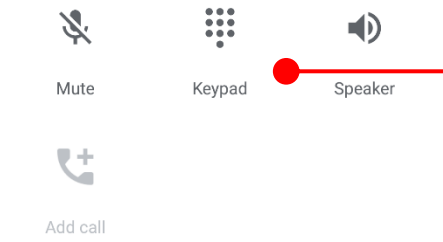
Make a call

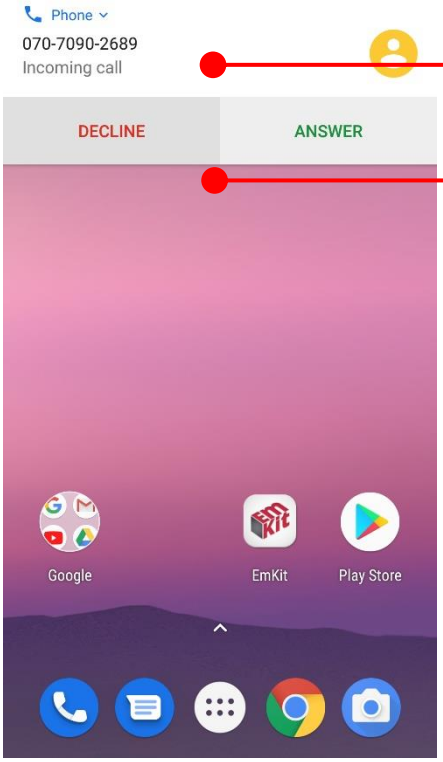


Calling information



- Mute : Touch to mute the mic
- Keypad : Touch to input keypad during a call
- Speaker : Touch to make a speakerphone call

Touch to end a call



Caller information

- Decline : Touch to refuse a call
- Answer : Touch to answer a call

Tip: To mute the ringtone volume of an incoming call, press the Volume down or Volume up key

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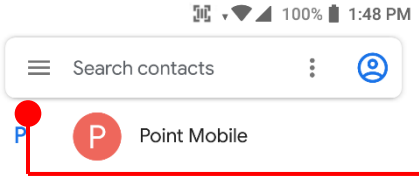
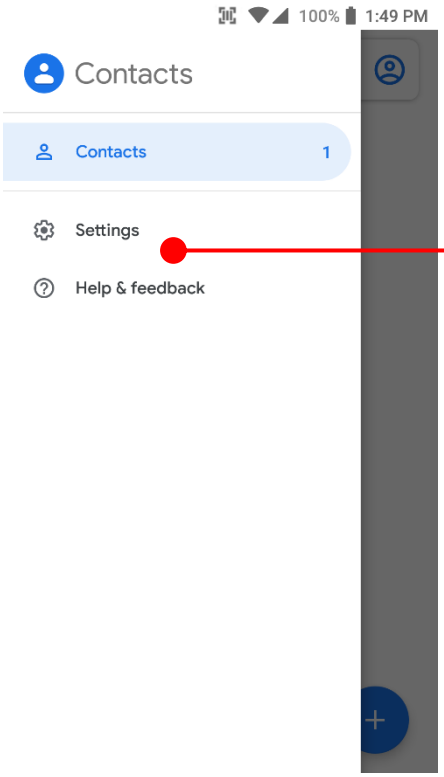
Add to a contact



Touch icon in the Favorite tray apps

Touch to see Contacts options

Touch to add a new contact



Touch to set more detail settings

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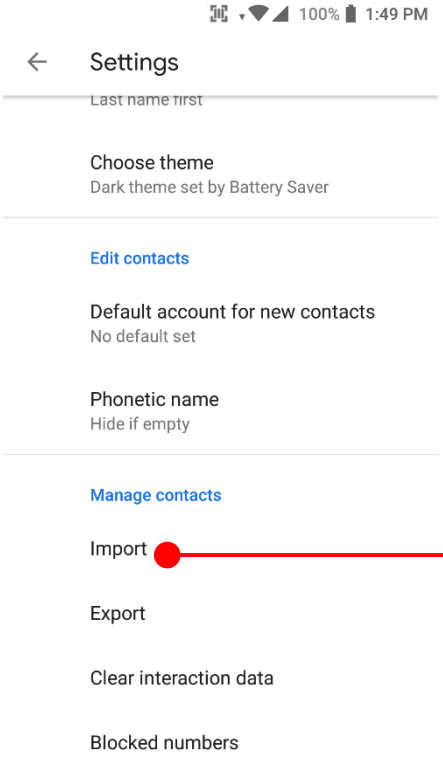
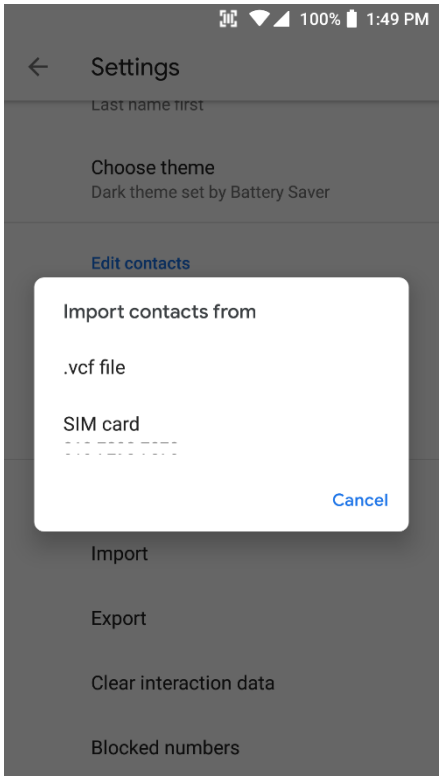
Add to a contact



Touch to import contact information in your SIM card



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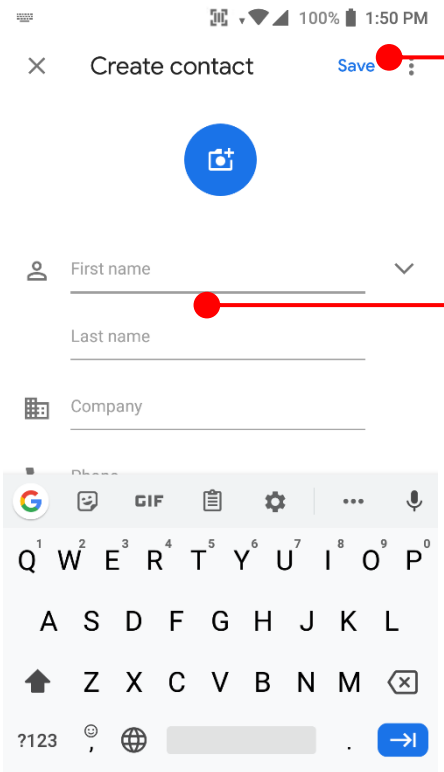
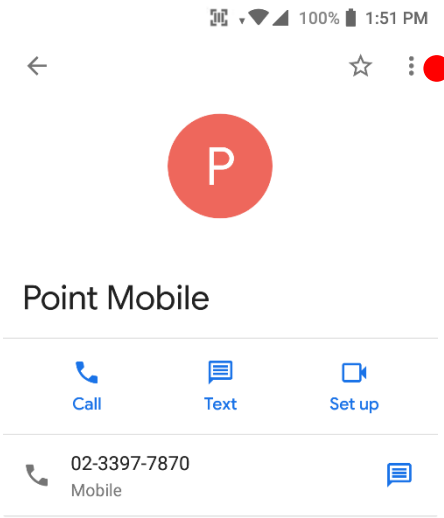
Add to a contact

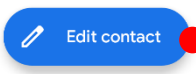


Touch to save the contact

Input Contact name, phone numbers and other information in the form



Touch to see advanced options



Touch to edit contact information

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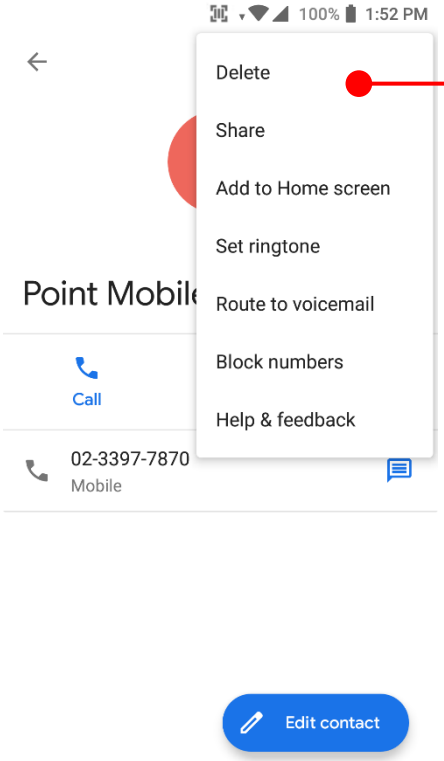
Add to a contact



Touch an option you would like set

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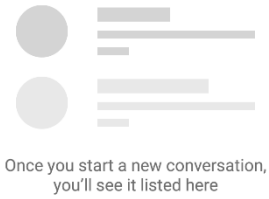
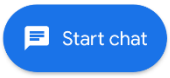
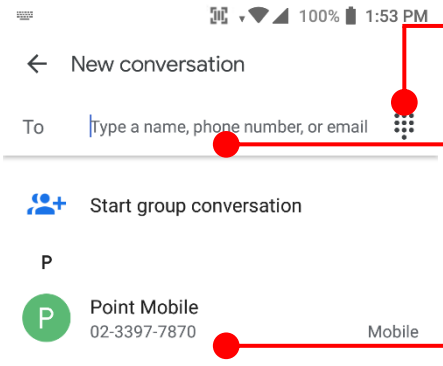
Send a message

Touch icon in the Favorite tray apps





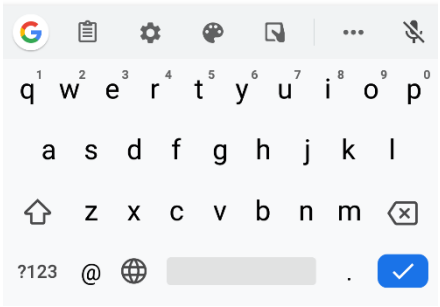
Touch to start a new message



Touch to use a dialer

Touch to type a name, phone number or email

Saved contact lists in the PM85



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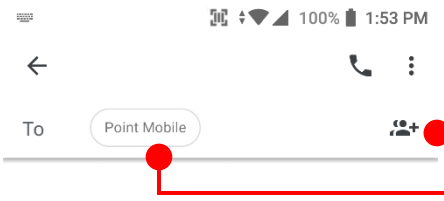
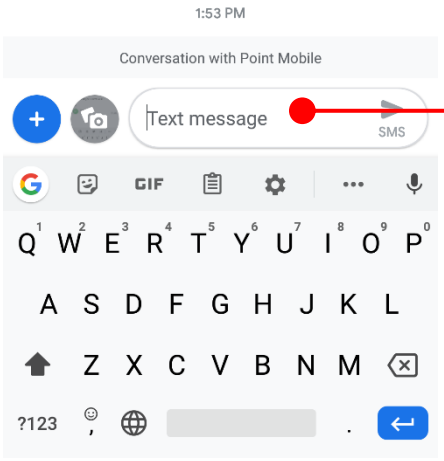
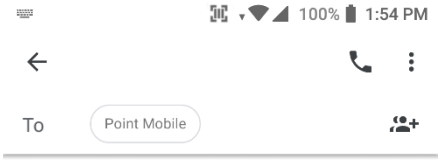
Send a message

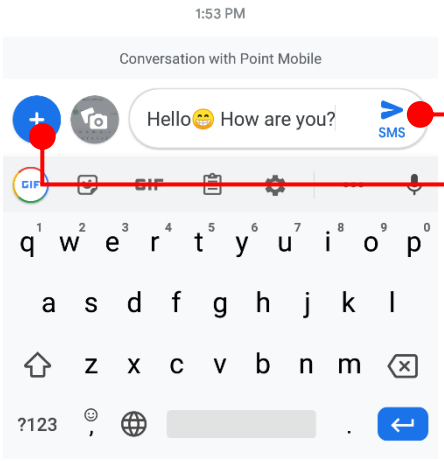


Touch to add other contacts to send a message



Your message display here





Touch to send the composed message

You can attach photo, saved picture, voice or location

Note: You may allow granting “Message App” access specific app or service.

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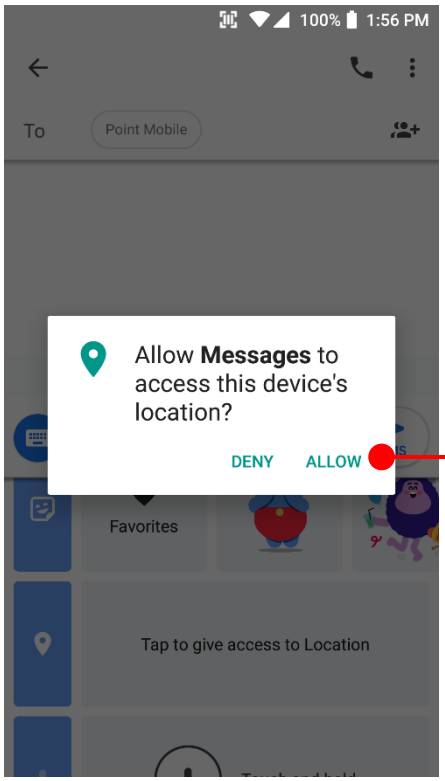
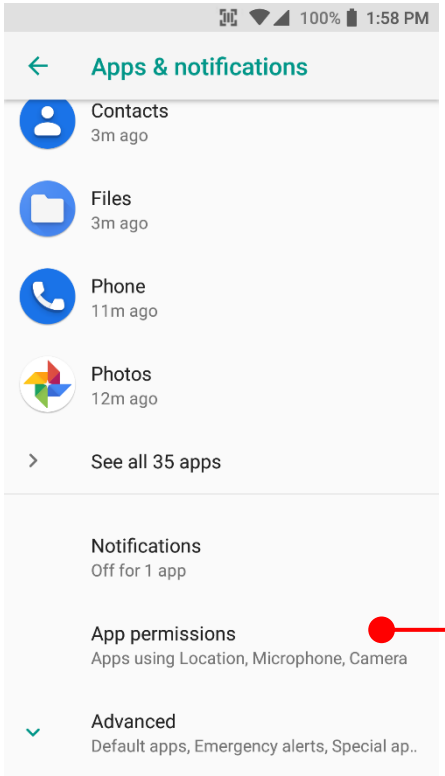
Send a message



Android ask a grant app's specific permission access for first time use. To send a photo or a saved media file or a voice recode file or a location, please touch **ALLOW**



Note: You can review granted permission info at

Touch **App drawer** icon → **Settings** and then **Apps & notifications**

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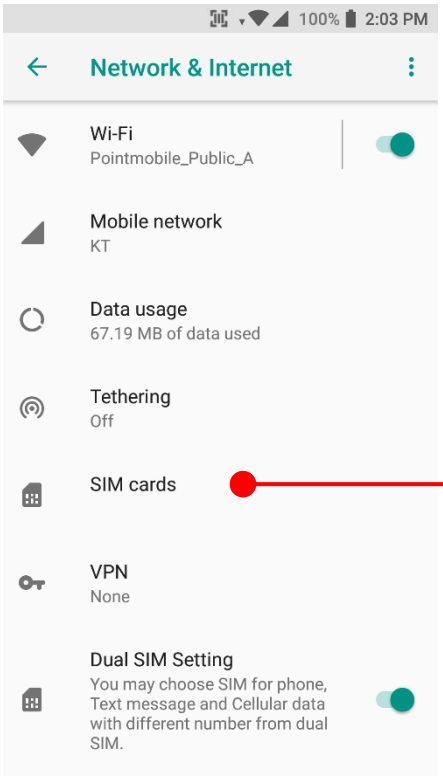
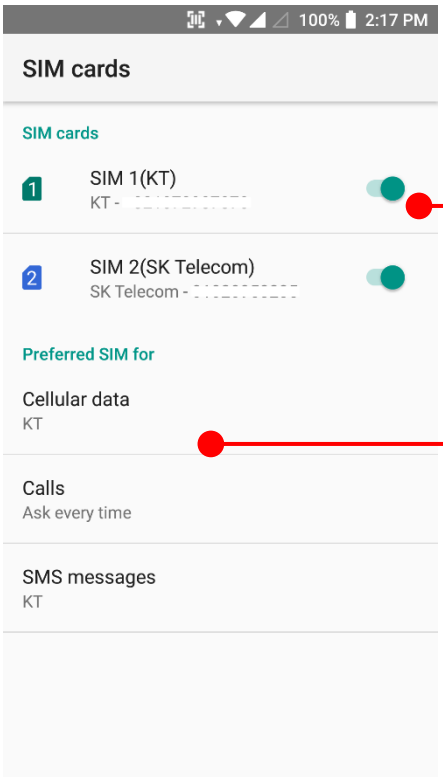
Change a SIM card settings



Touch **App drawer** icon → **Settings** → **Network & Internet** and then **SIM card**



Touch to enable/disable the SIM card

Currently set option for data, call and message
Touch to change each option

Note: PM85 is Dual SIM Dual Standby model. Both of SIM make a call, use a data and send a message. But one SIM is on a call, incoming calls on another SIM will go to voicemail.

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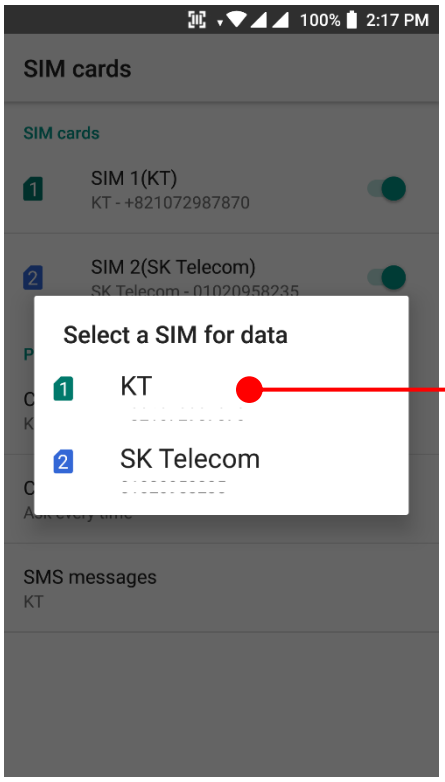
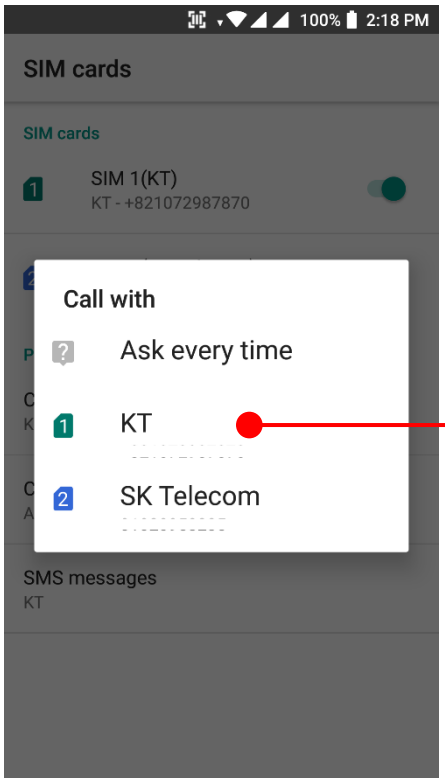
Change a SIM card settings



Select SIM card for mobile data
Both SIM card make a data connection. This option sets primary SIM card



Select primary SIM card for calling.
Both SIM cards make a call. This option sets primary SIM for phone call

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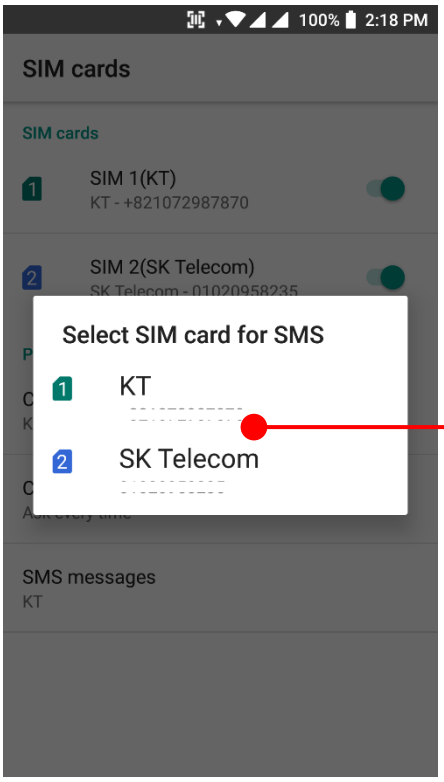
Change a SIM card settings



Select primary SIM card for messaging.
Both SIM cards send and receive a message. This option sets primary SIM for message

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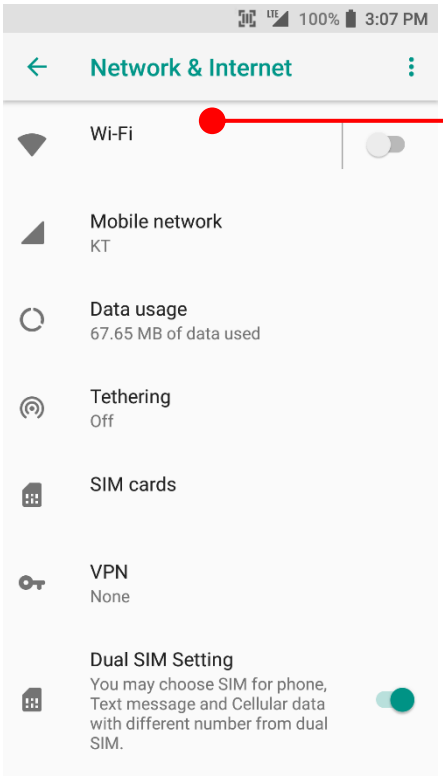
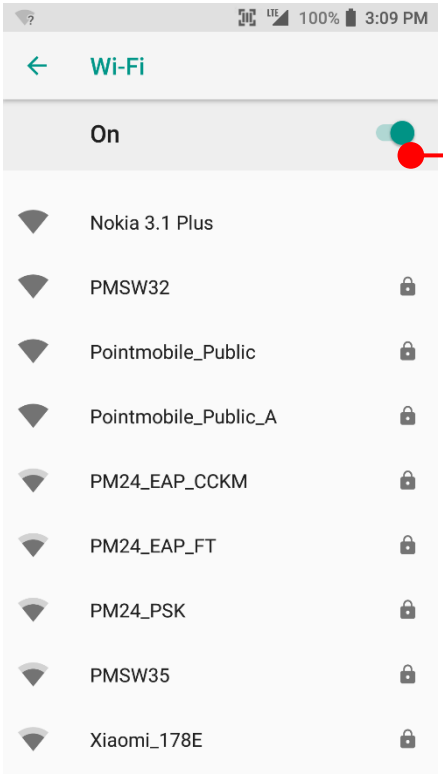
Connect to your Wi-Fi network



Touch **App drawer** icon → **Settings** → **Network & Internet** and then **Wi-Fi**



Touch to turn On/Off the W-Fi

You can see nearby Wi-Fi network. Each AP's SSID information listed by signal strength

Icon means: Secured Wi-Fi network. To connect this Wi-Fi, you need to enter the password

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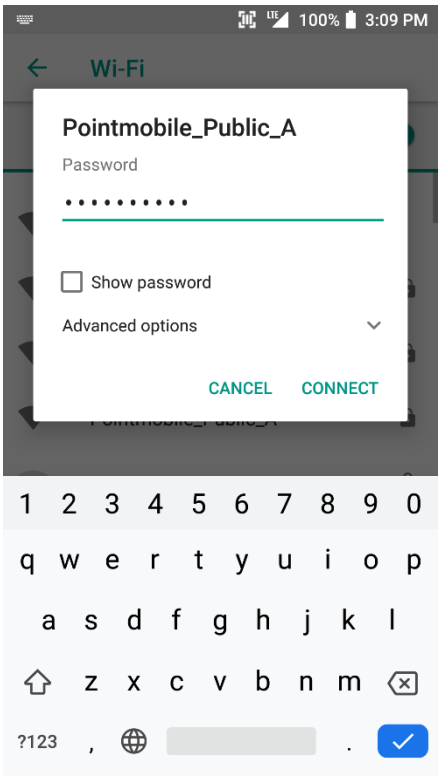
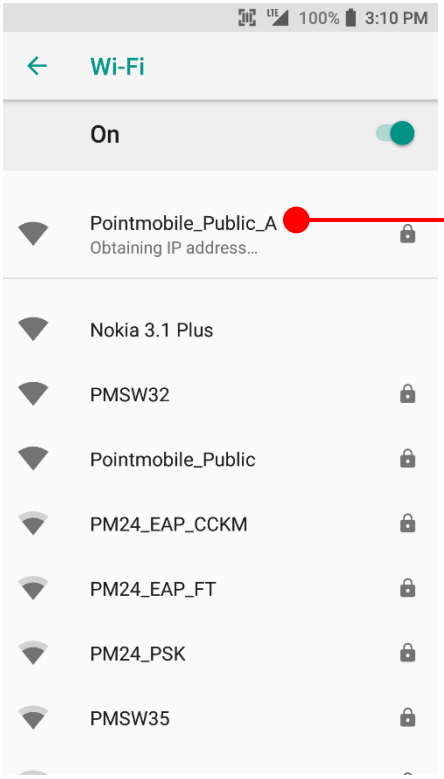
Connect to your Wi-Fi network



Touch SSID, which you want to connect.
To connect to the secured Wi-Fi network, enter the password



PM85 is obtaining the IP address from the selected AP

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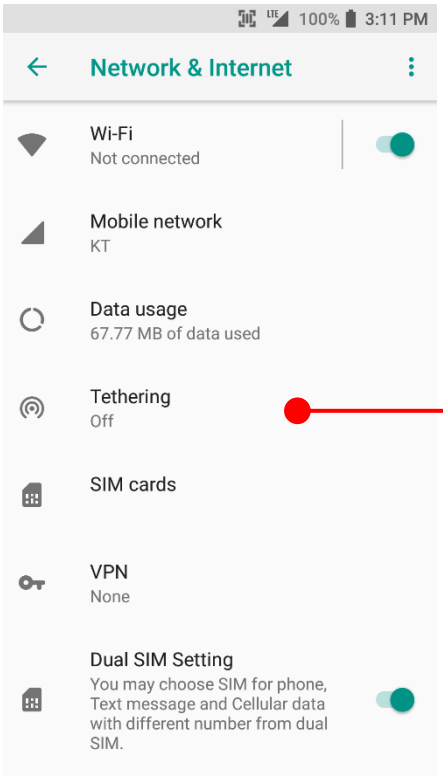
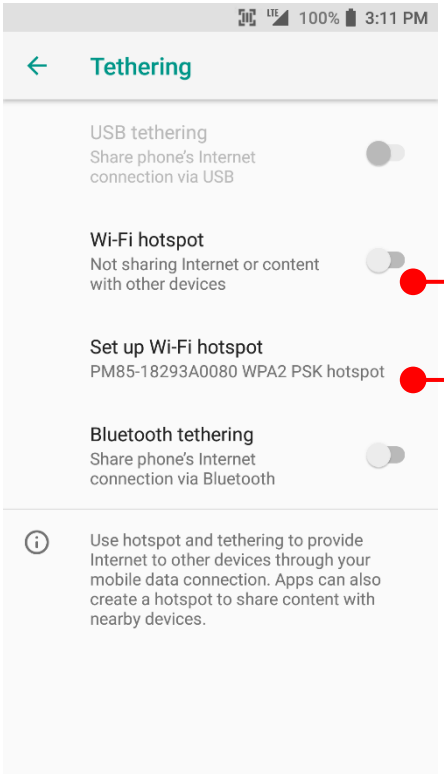
Make a Wi-Fi hotspot



Touch **App drawer** icon → **Settings** → **Network & Internet** and then **Tethering**



Touch to turn On/Off the W-Fi hotspot

Touch to set Wi-Fi hotspot setting

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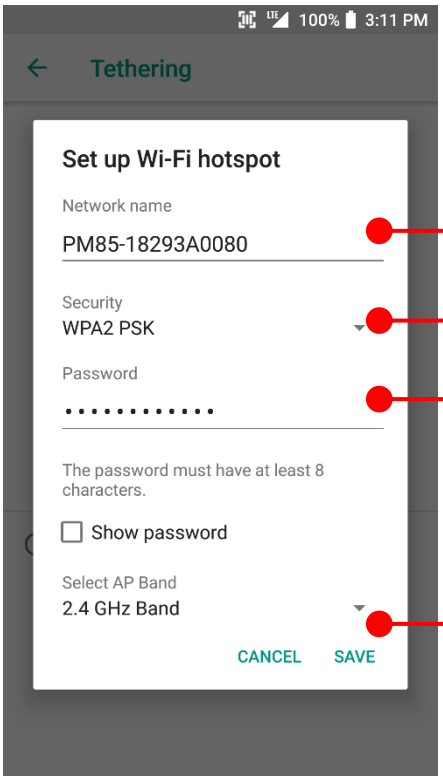
Make a Wi-Fi hotspot



Set hotspot name

Set hotspot security type : None / WPA2PSK

Set password for hotspot

Set hotspot band : 2.4GHz / 5GHz

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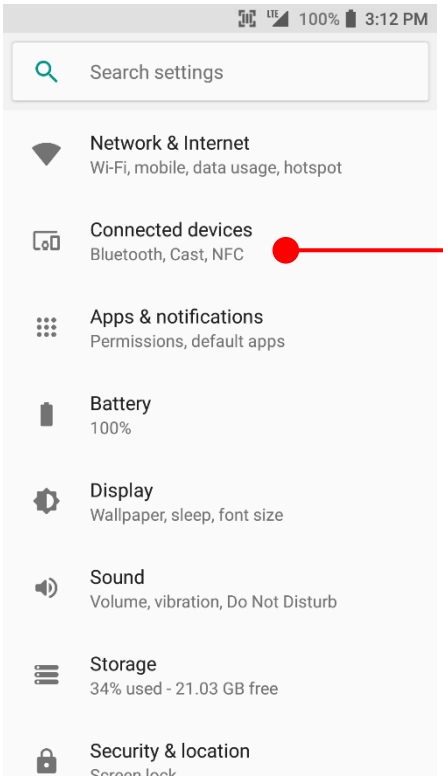
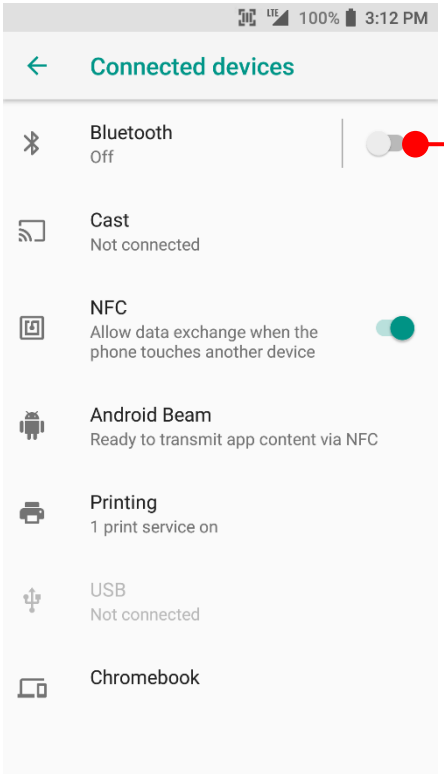
Connect with Bluetooth device



Touch **App drawer** icon → **Settings** and then **Connected devices**



Touch to turn On/Off the Bluetooth

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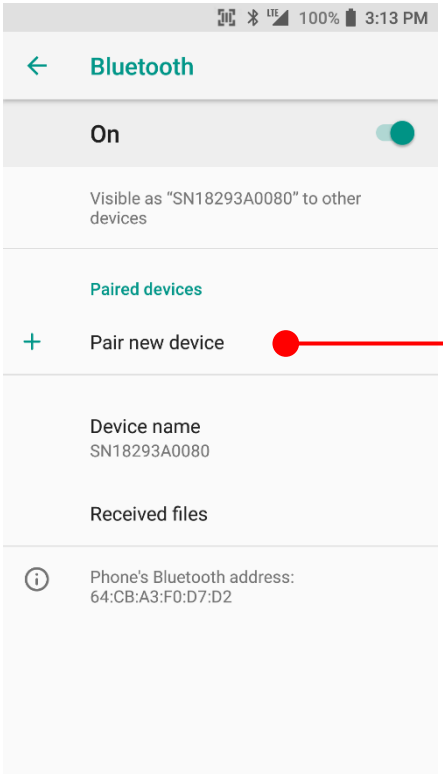
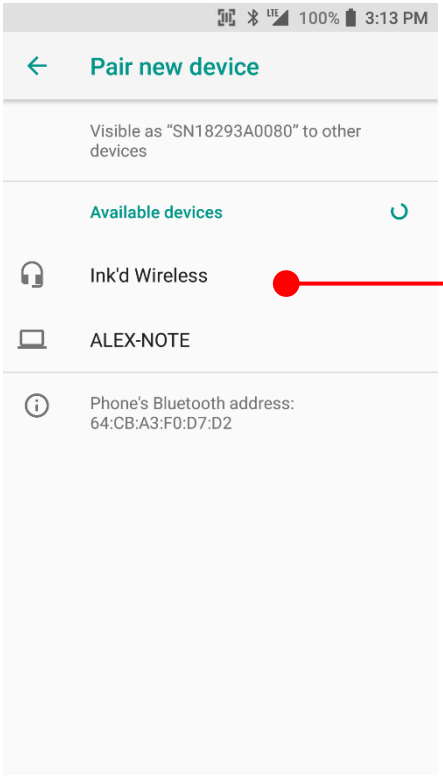
Connect with Bluetooth device



Touch to make a Bluetooth pairing with nearby Bluetooth device



PM85 will list up nearby Bluetooth devices. Touch to make a pairing. (You may input the password)

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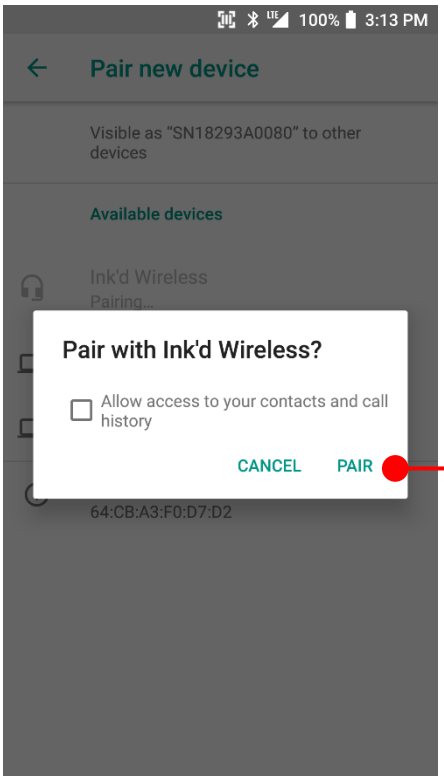
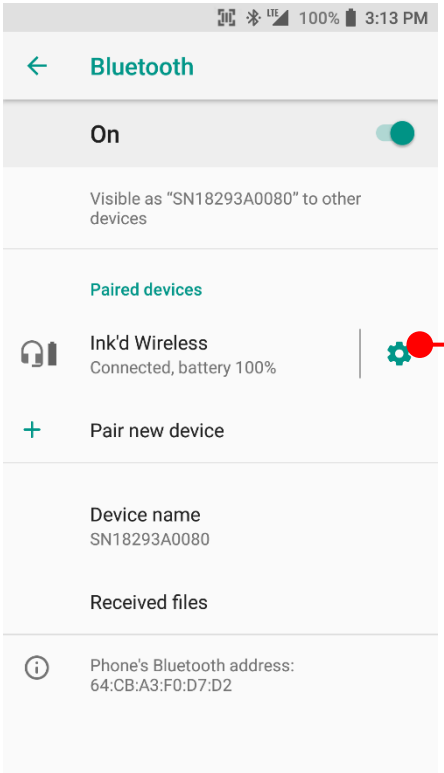
Connect with Bluetooth device



Touch **PAIR** button



Bluetooth device is connected with PM85.
Touch ⚙ icon for advanced setup

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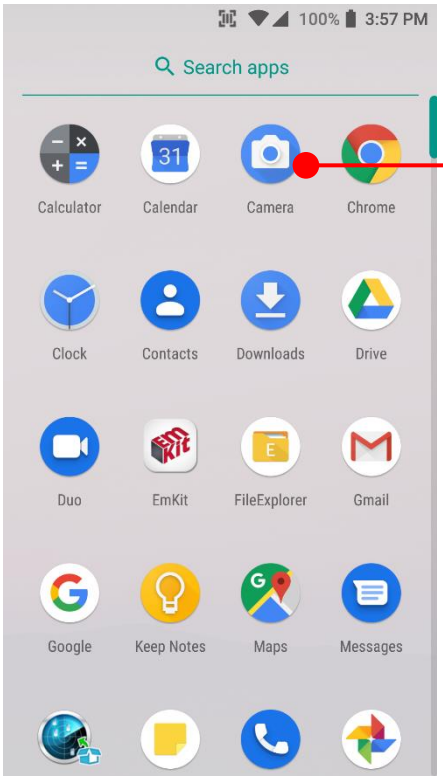
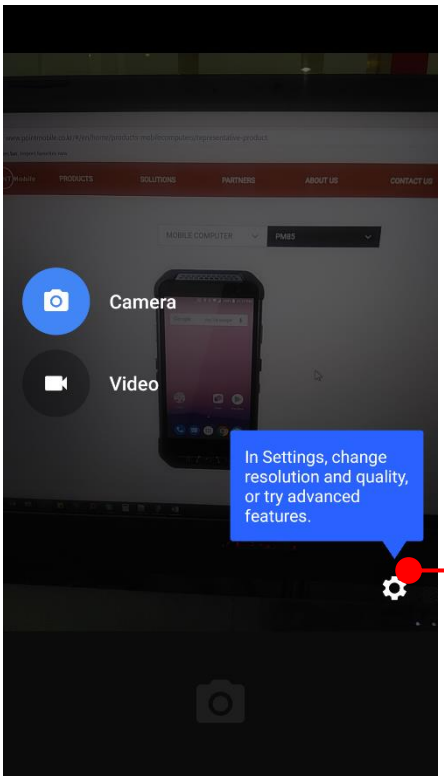
Use a Camera



Touch icon in the favorite tray or Touch **App drawer** icon and then → “Camera” icon



Touch for advanced setting

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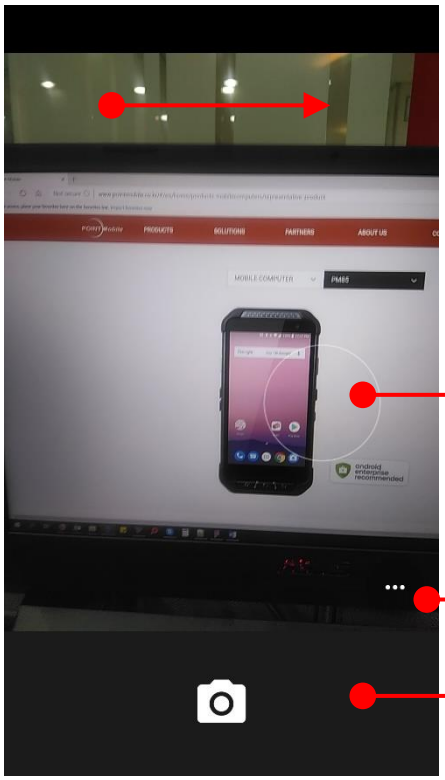
Use a Camera

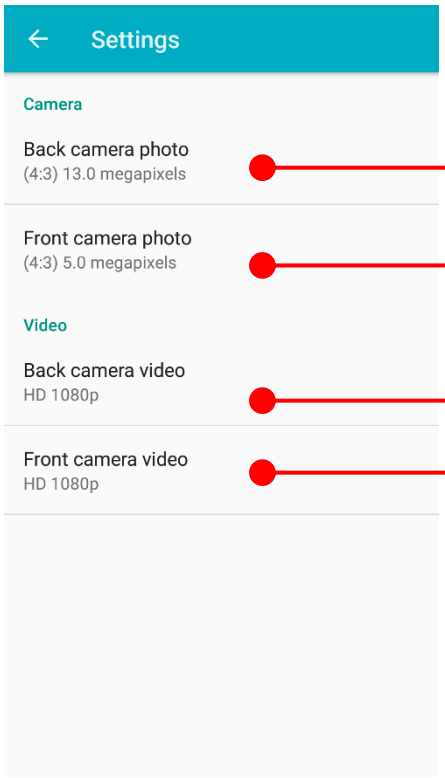


Swipe to change the Camera / Video mode or access to Settings

Auto focused area

Touch for Camera / Video option

Touch to take a picture or recode a video



Set rear camera image saving quality

Set front camera image saving quality

Set rear camera video saving quality

Set front camera video saving quality

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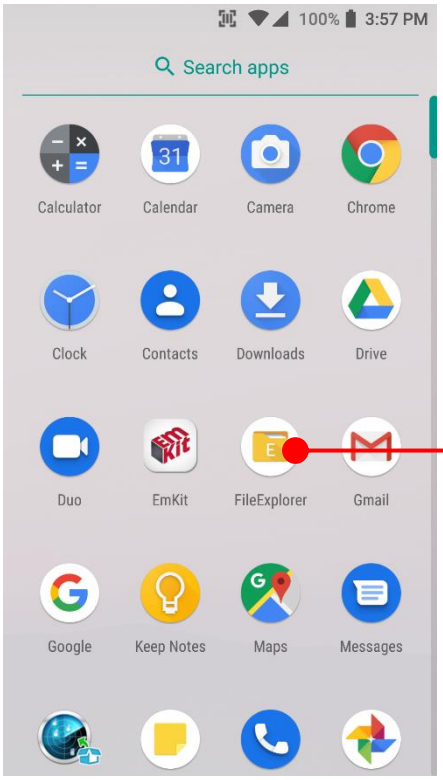
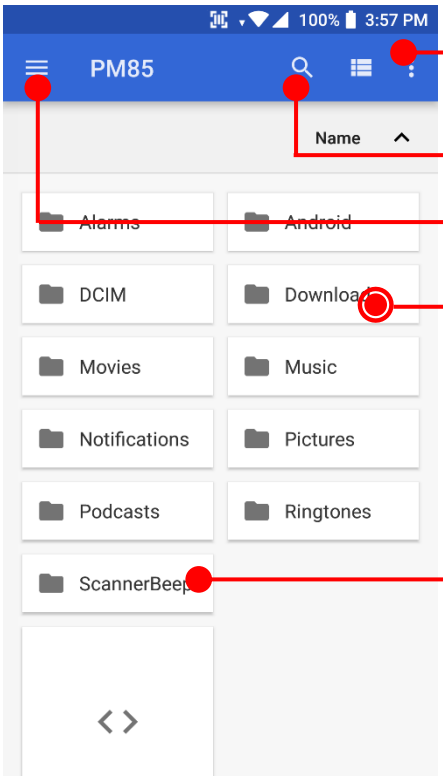
Manage files and folders



Touch “App drawer” icon and then “File Manager”



Touch for advanced menu

File search

Select storage

Long tap to select a file or folder

Touch to navigate folder / open the file or install an apk file

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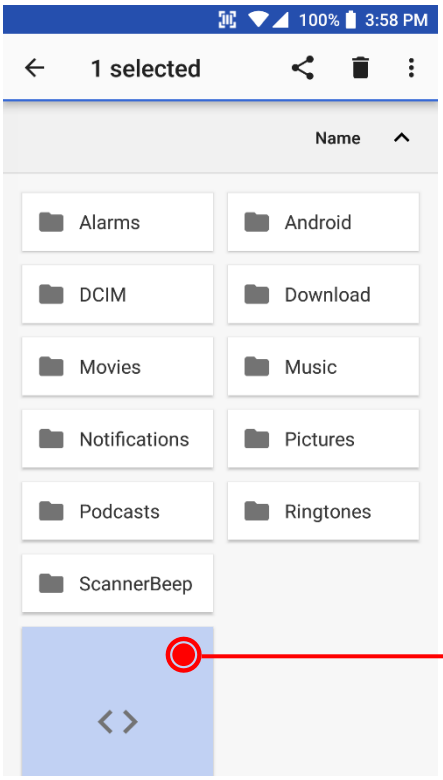
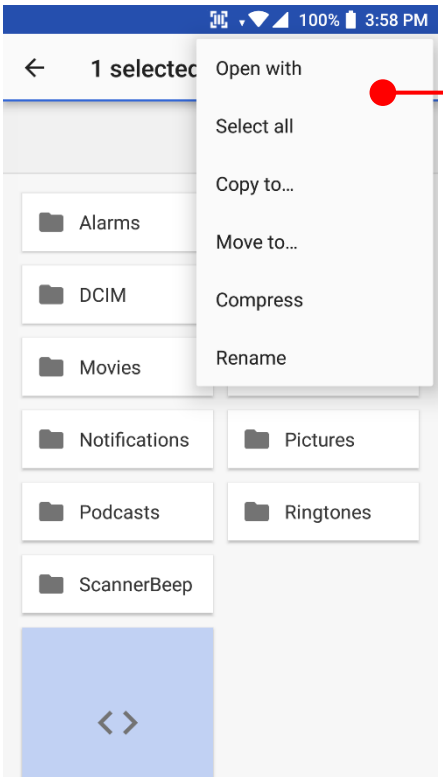
Manage files and folders



Long tap the file and touch option icon ⋮ in top-left corner



Now you can copy the file, move to specific folder or rename the file or folder

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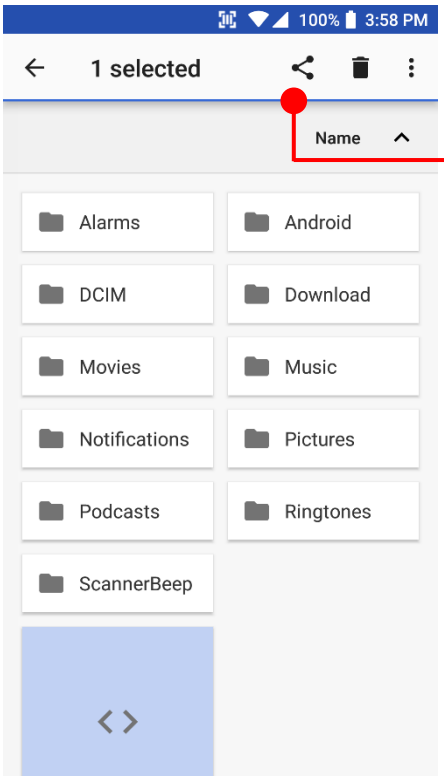
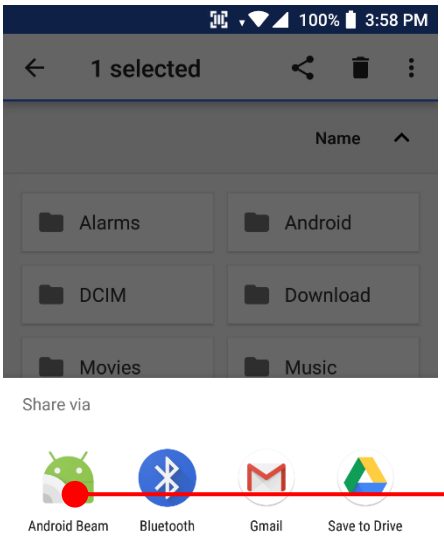
Manage files and folders



Share a file

Long tap the file and touch share icon in the menu



Now you can share selected file to nearby device or attach to Gmail or upload to Google Drive. Manual describe Android Beam sharing via NFC

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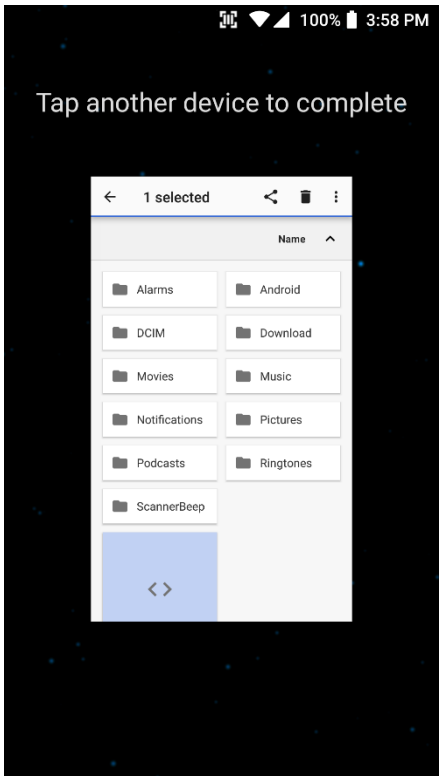
Manage files and folders



Now tag another device to PM85
PM85 will transfer the file

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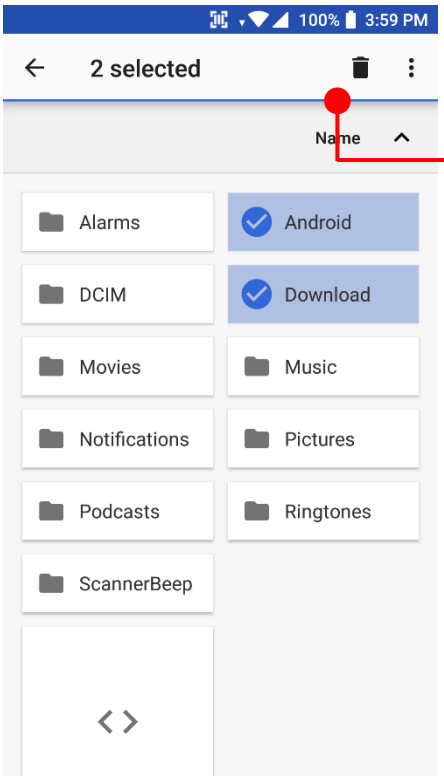
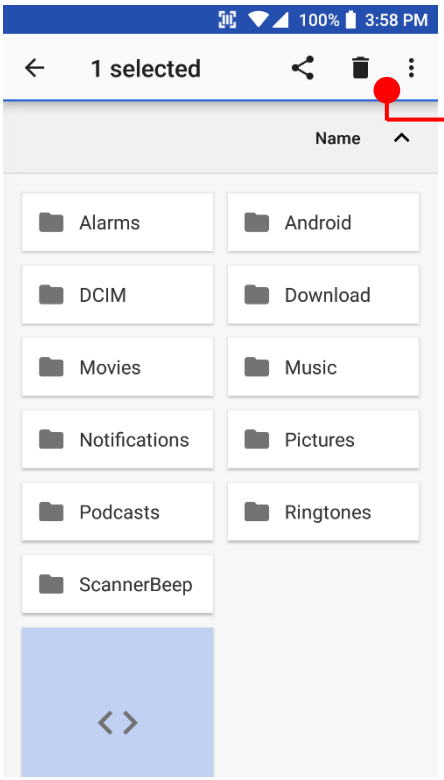
Manage files and folders



Delete files

Long tap the file and touch delete icon in the menu



Copy or move files

Long tap the file and touch option icon in top-left corner

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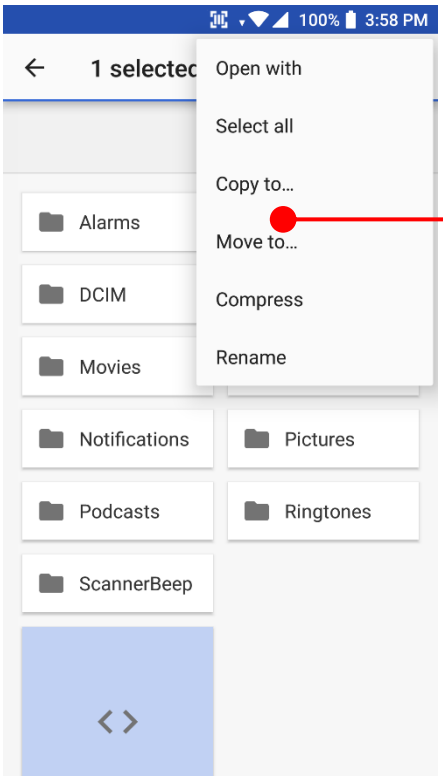
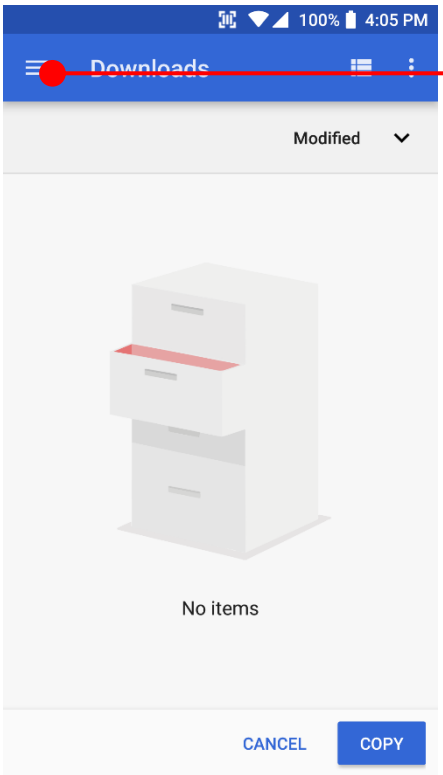
Manage files and folders



Touch **Copy to…** or **Move to…** in the menu



Touch menu icon ☰ to navigate file location

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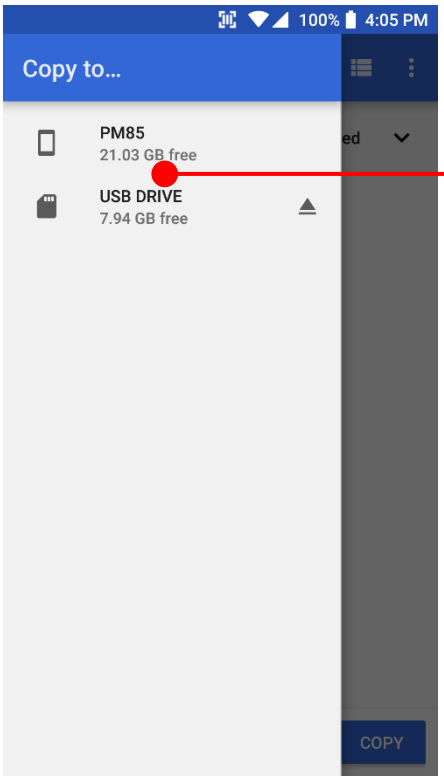
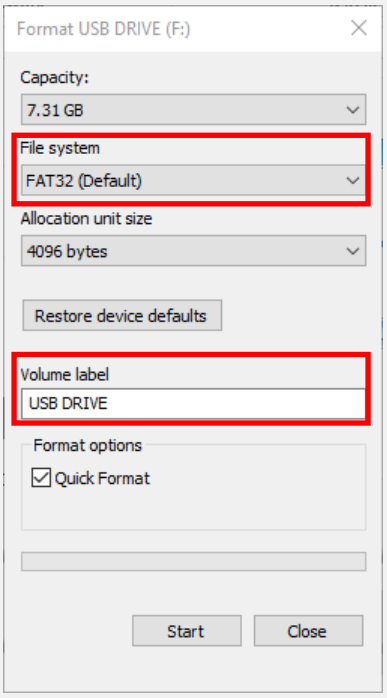
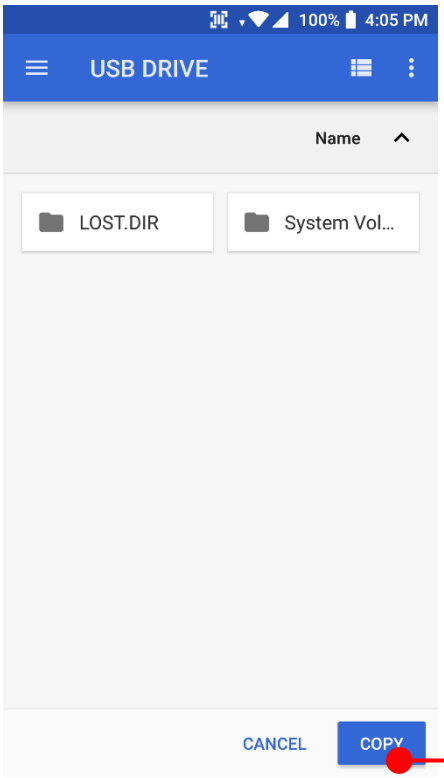
Manage files and folders



Touch the storage where copy or move to

Note: Please format the SD card as FAT32 and make sure set the label as below screenshot from the computer





Touch **COPY**

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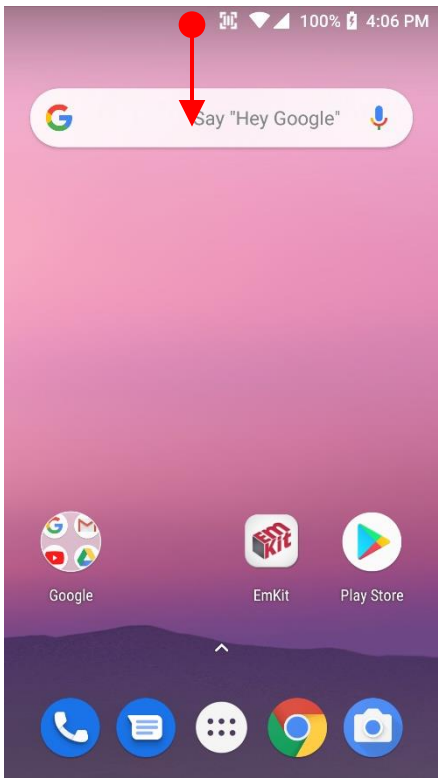
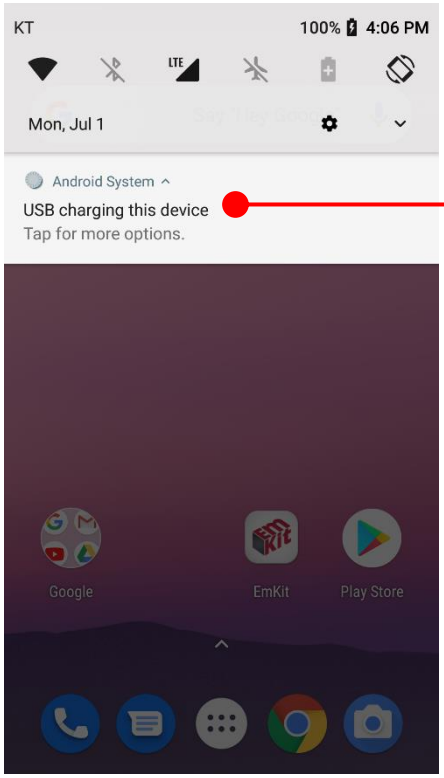
MTP connection with PC



To browse files and folder in the PM85 in your PC, please change USB connect option

Scroll down the notification panel



Touch USB connect option

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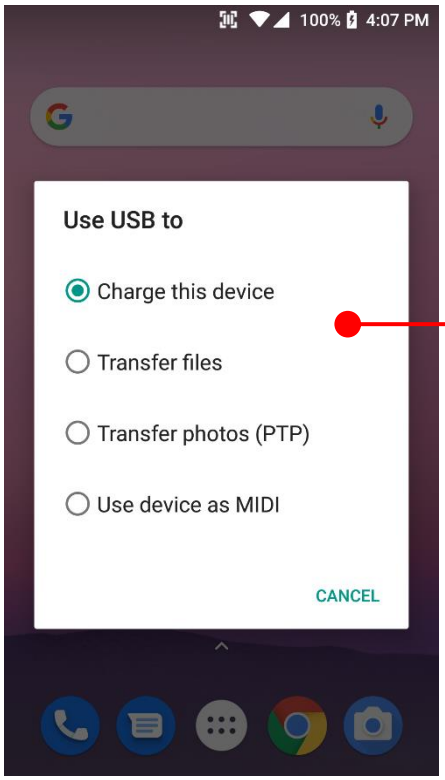
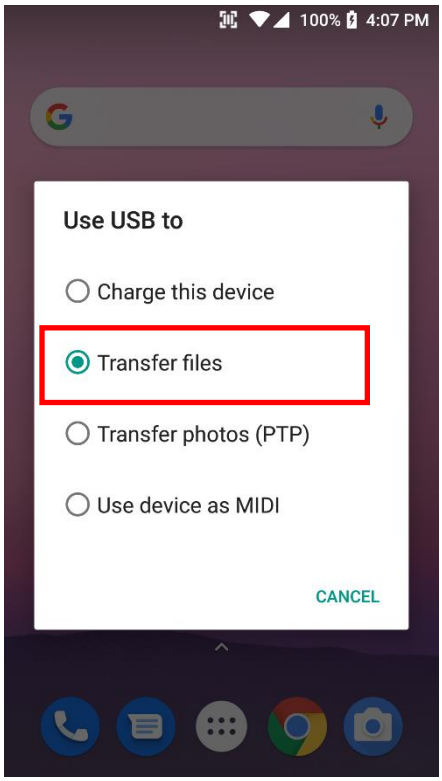
MTP connection with PC



Change option to **Transfer files** from **Charge this device**



Now your PC recognize PM85 as MTP device

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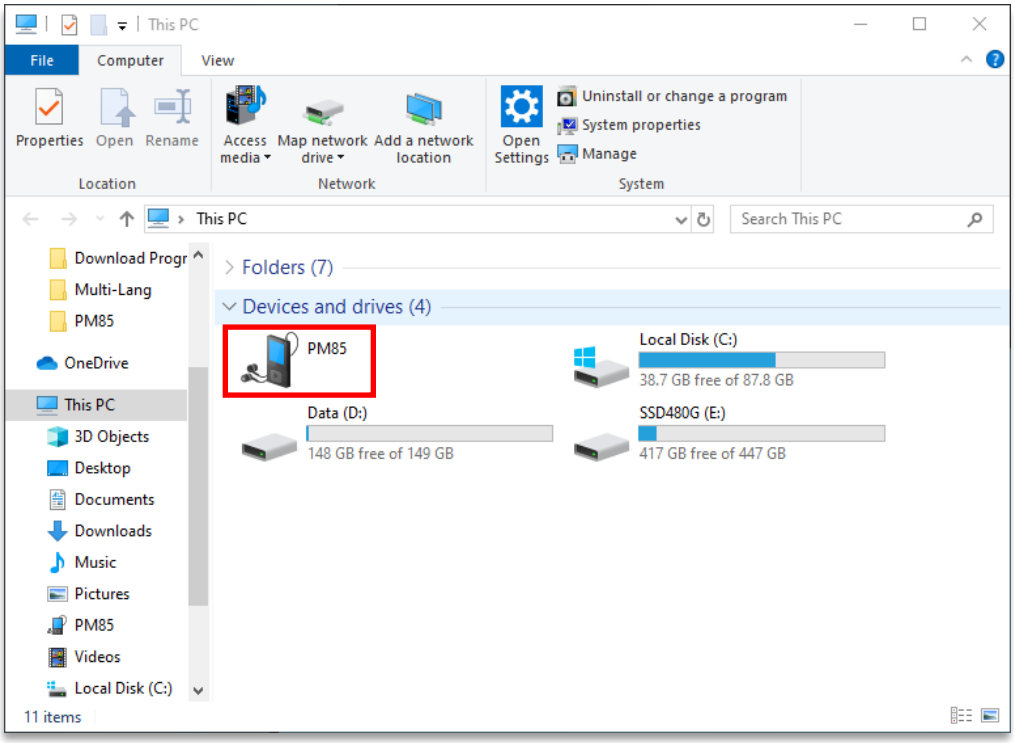
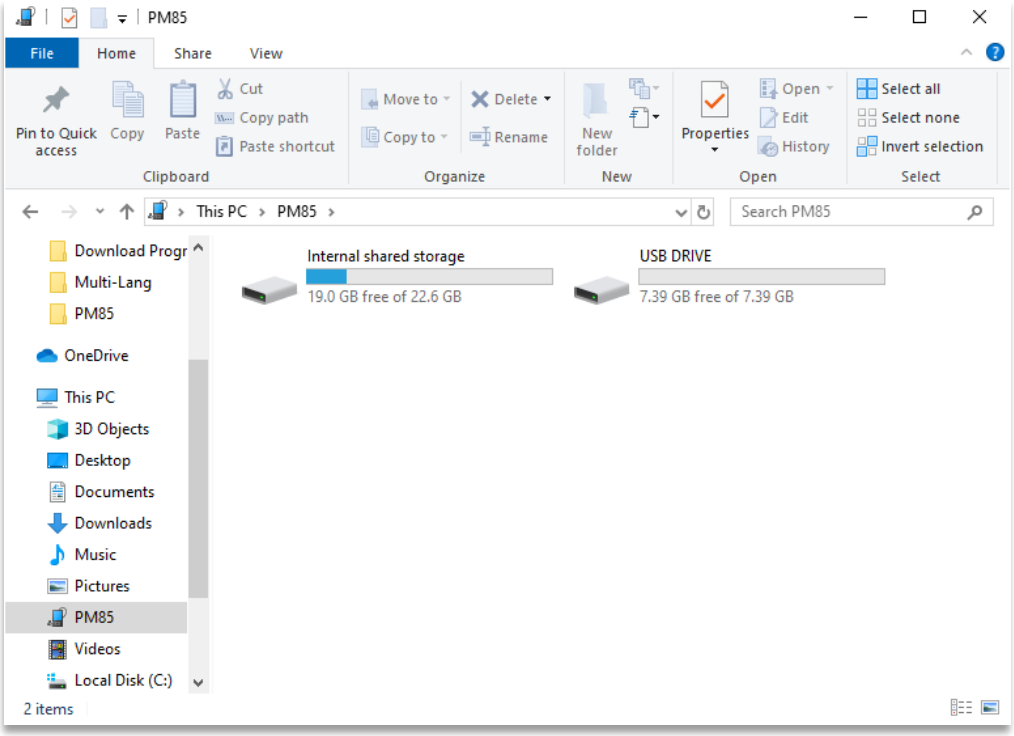
MTP connection with PC





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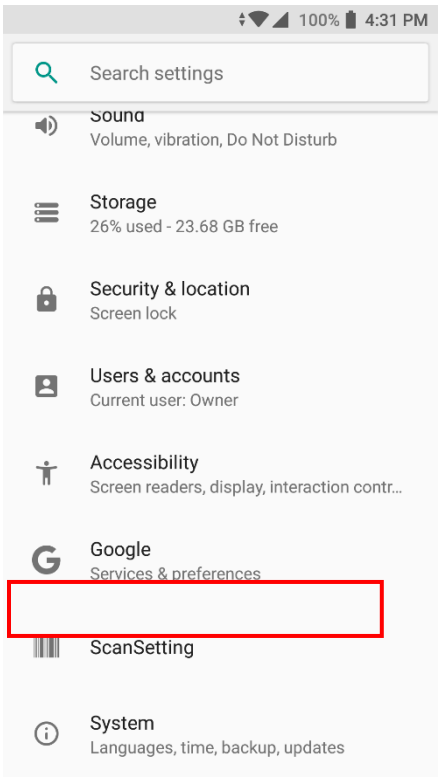
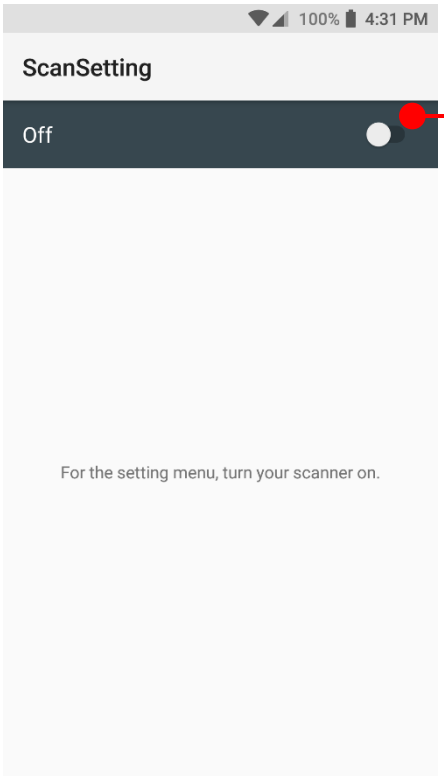
Use a Scanner

Scanner Settings



Default setting of Scanner is **Off**
To use the Scanner,

- Touch EmKit and then **ScanSetting**
- Touch **App drawer** icon → **Settings** and then **ScanSettings**



Touch to turn on the Scanner

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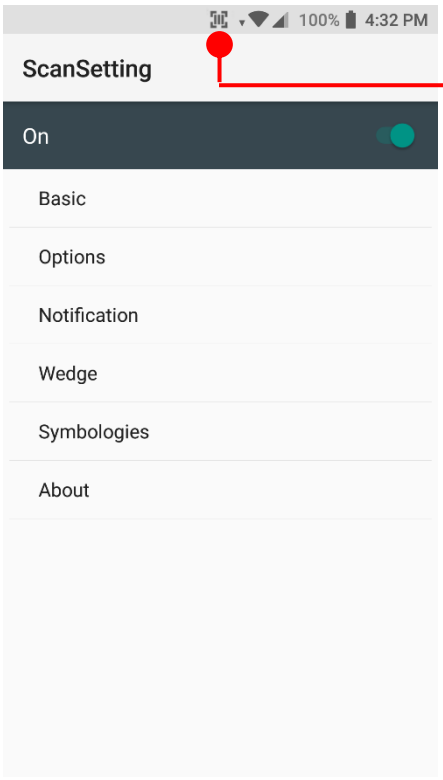
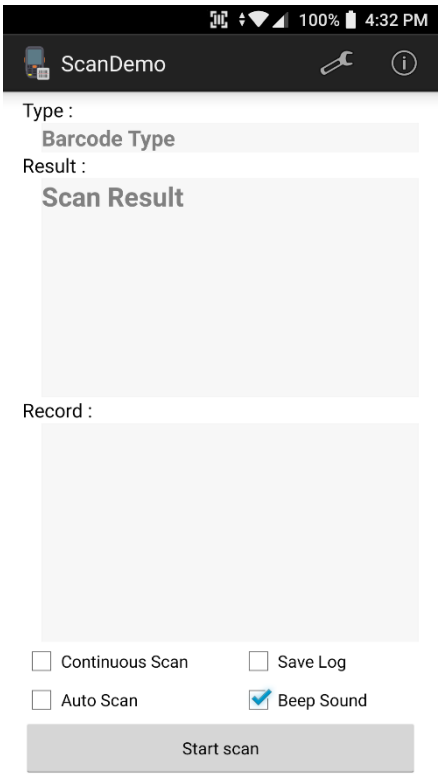
Use a Scanner

Scanner Settings



Now you can see **Scanner Wedge** icon in the **Status Bar**



Note: When “Scanner” turned on, you can scan the barcode with **ScanDemo** in the **EmKit**

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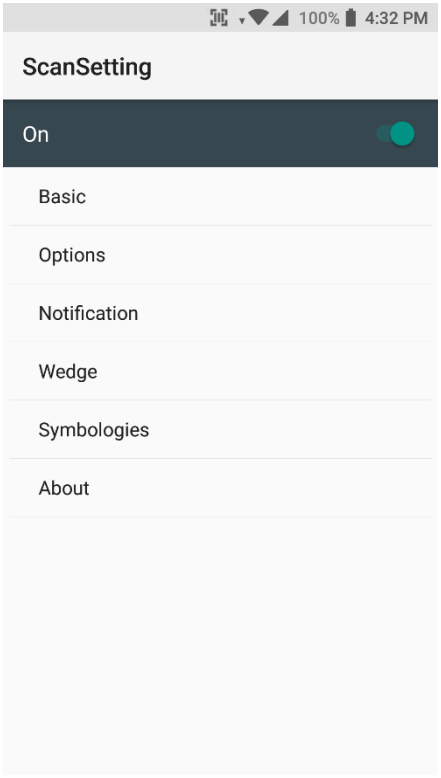
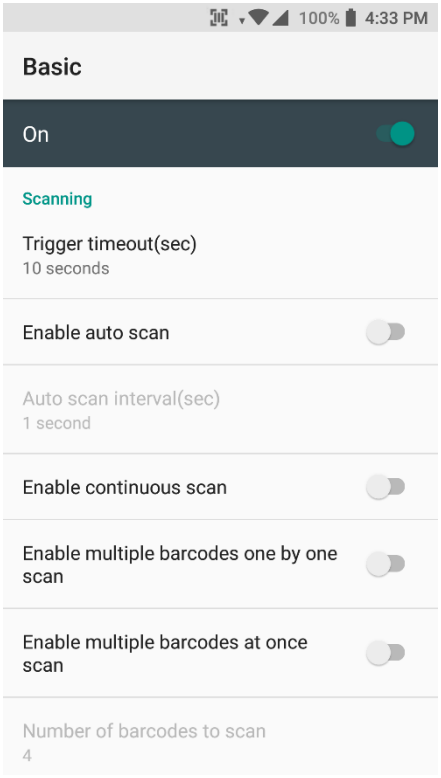
Use a Scanner

Scanner Settings



Scanner setting details

Scanner setting consist with **Basic**, **Options**, **Notification**, **Wedge**, **Symbologies**, and **About**



In the **Basic**, you can set **Scanning** option and **Wedge mode** option

In the **Scanning** option, you can change Scanner's **Trigger timeout** and set **Auto scan** & **Continues scan** options

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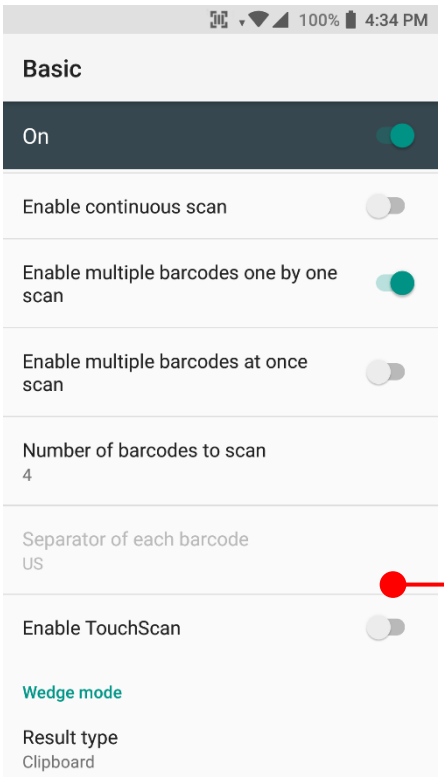
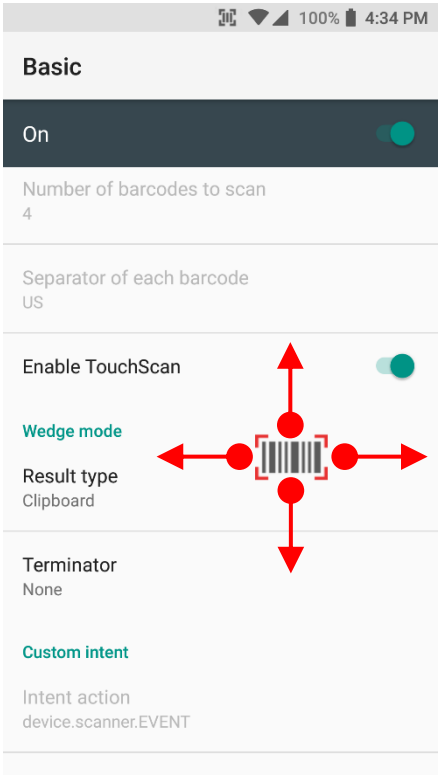
Use a Scanner

Scanner Settings



TouchScan is software scanner button.
Touch to enable this function



You can place **TouchScan** icon any position.
Touch this icon to read the barcode.

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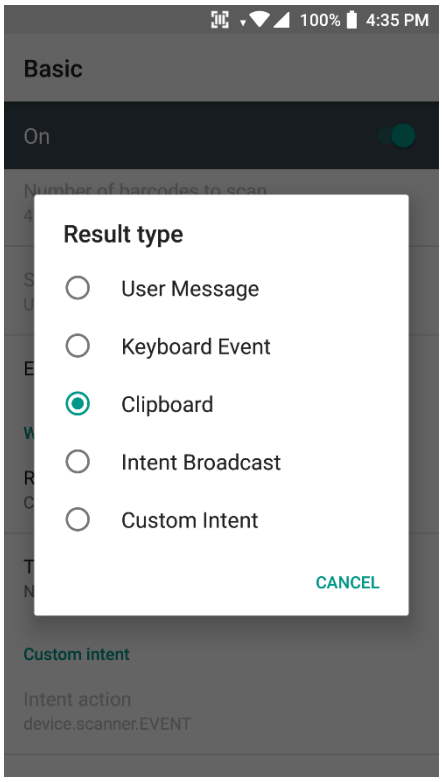
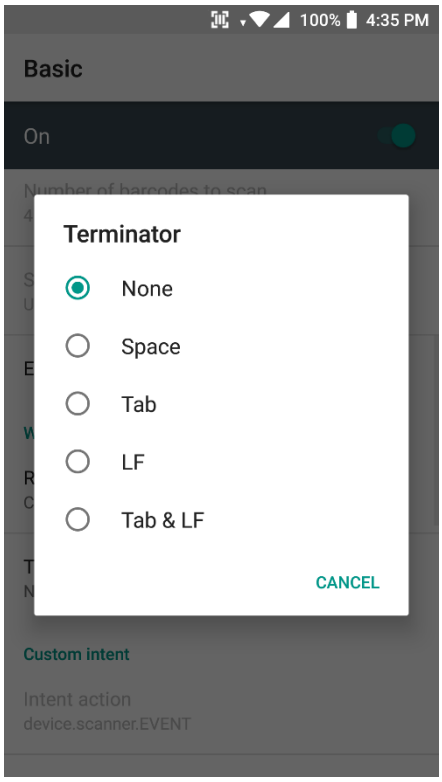
Use a Scanner

Scanner Settings



In the **Wedge menu** you can change, decode scan data's result type handling **User Message**, **Keyboard Event**, **Clipboard**, **Intent Broadcast** or **Custom Intent**



Also, you can set Terminator as **None**, **Space**, **Tab**, **LF** or **Tab & LF**

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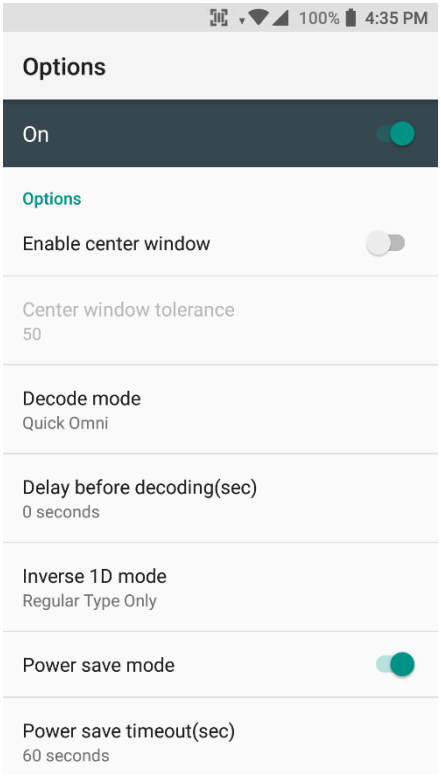
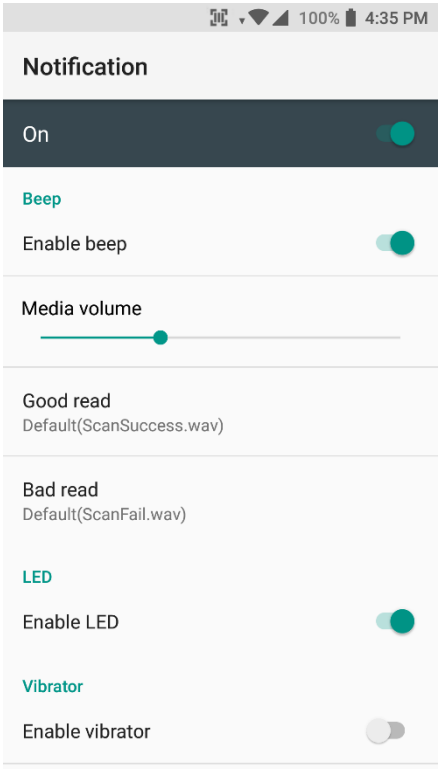
Use a Scanner

Scanner Settings



In the **Options**, you can enable/disable the **Center Window**, set **Decode mode**, **Power save mode** and enable/disable **Aimer & Illumination** option



In the **Notification**, you can change the volume level, notification sound, LED and vibration option

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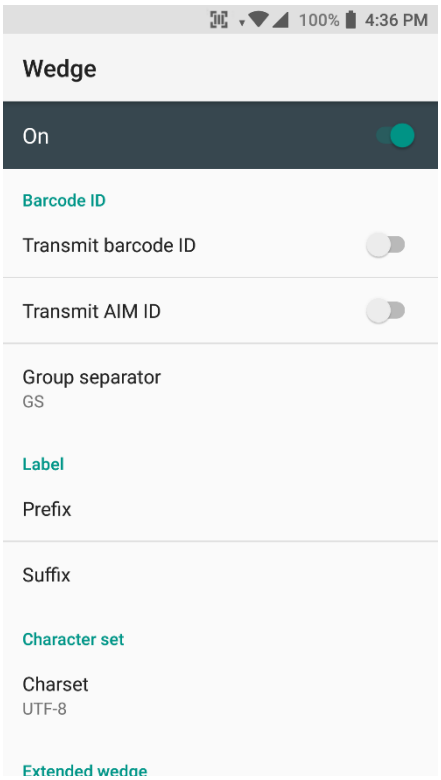
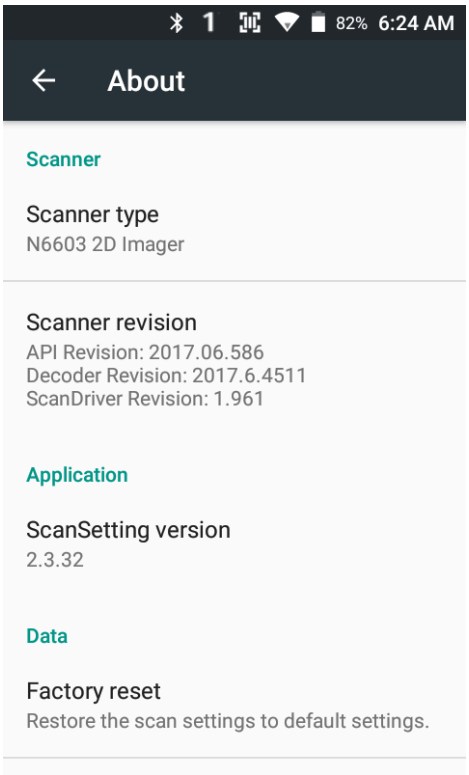
Use a Scanner

Scanner Settings



In the **Wedge**, you can enable/disable **Barcode ID** and **Aim ID**, set **Group separator**, **Prefix & Suffix**, **Character set** and **Extended Wedge**.



In the **About**, you can check your Scanner's information and restore Scanner's settings to default

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Scan a Barcode

Example of good Barcode reading

Idle barcode scan
Please aim the middle of barcode

Even you aim the barcode slightly upper or down area or angle is slightly tilted, you can read the barcode

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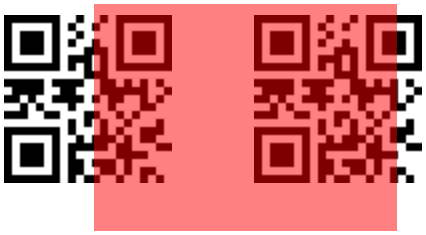
Scan a Barcode

Example of bad Barcode reading

If you aim the barcode wrong direction or tilt too much, you can’t read the barcode

If you aim part of Barcode or aim two barcodes together, you can’t read the barcode



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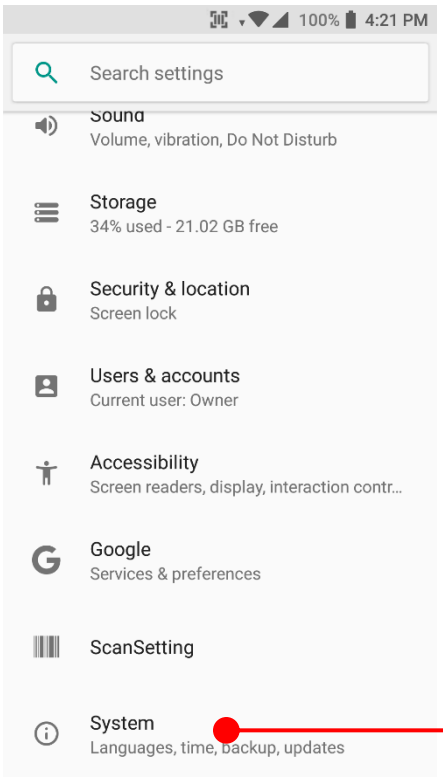
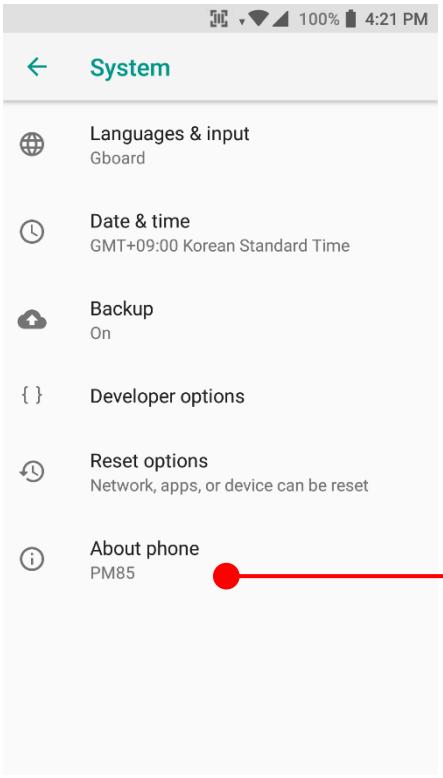
OS Image update from a Storage



Note: To update OS image, copy or place OS image file into the **root folder** of “Internal Storage” or “External Storage”

Touch **App drawer** icon → **Settings** and then **System**



Touch **About phone**

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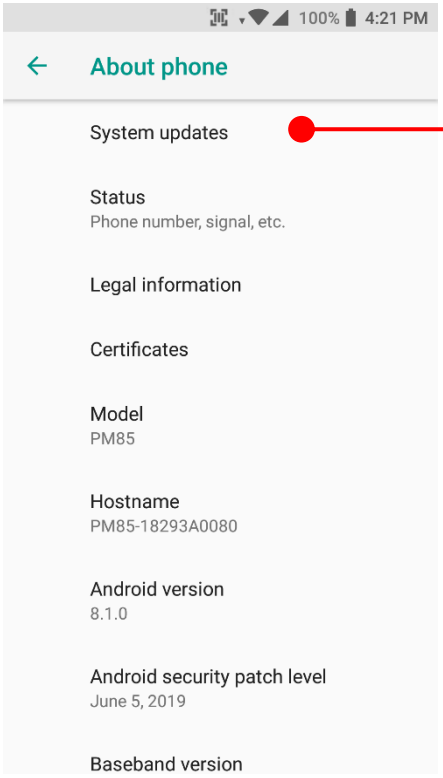
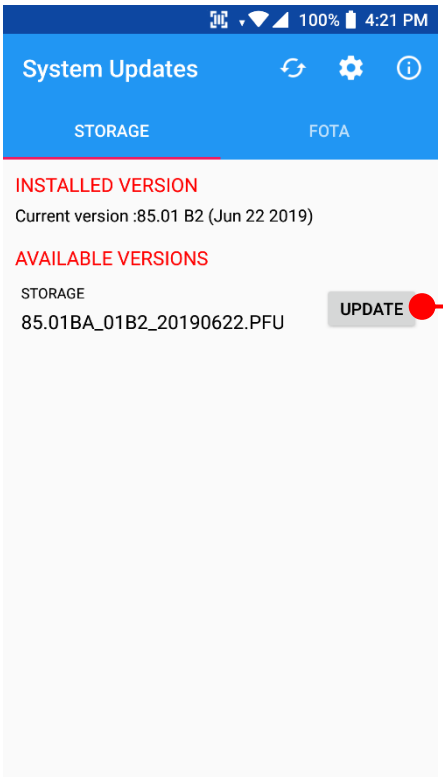
OS Image update from a Storage



Touch **System updates**



Your PM85 will check storage and display available OS image. Touch **UPDATE**

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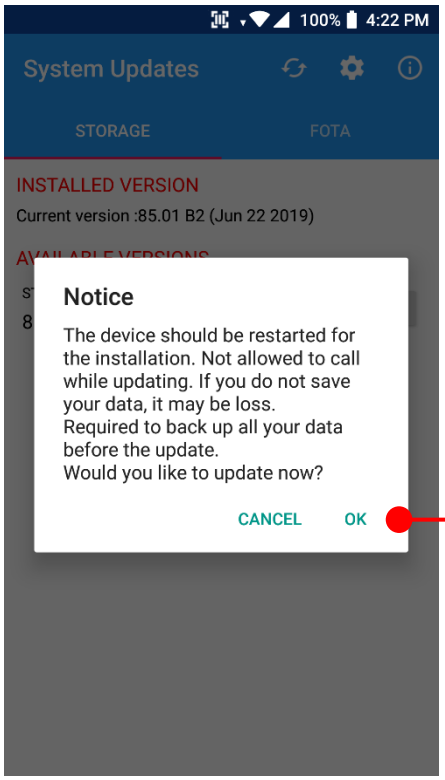
OS Image update from a Storage



By touching the **OK** button, your PM85 start to update the OS image.
During this time, you cannot use your PM85. Please save the data before starting, the OS update process.

> **Note:** Remaining battery level must be higher than 20%. Otherwise PM85 will not start OS update process. Please check battery level first

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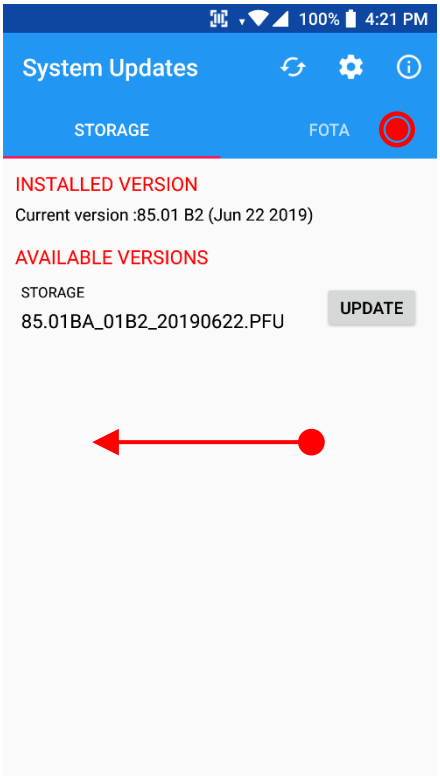
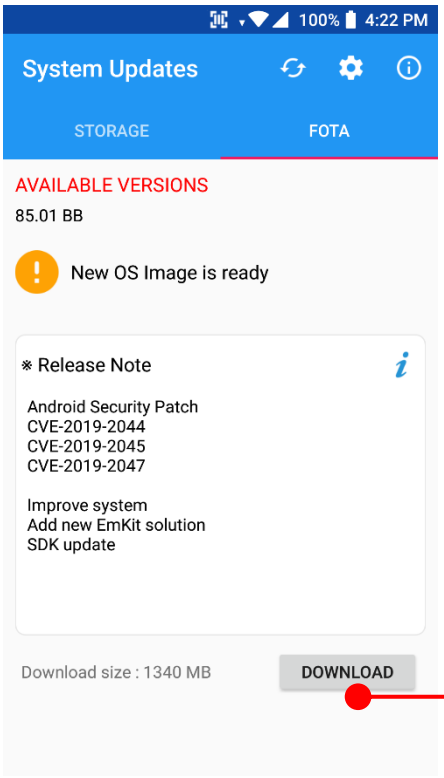
OS Image update from the FOTA



Swipe or touch **FOTA** tab



PM85 will compare the OS image between FOTA server and current OS image.
If there is newer OS image in the FOTA server, App will suggest download latest OS image

Touch **DOWNLOAD** button

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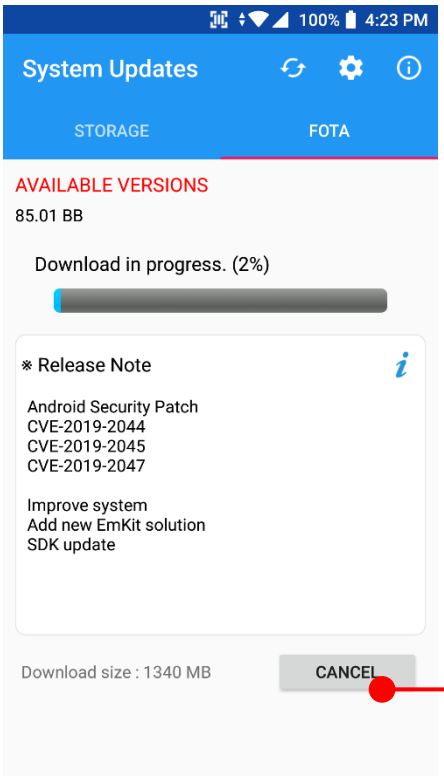
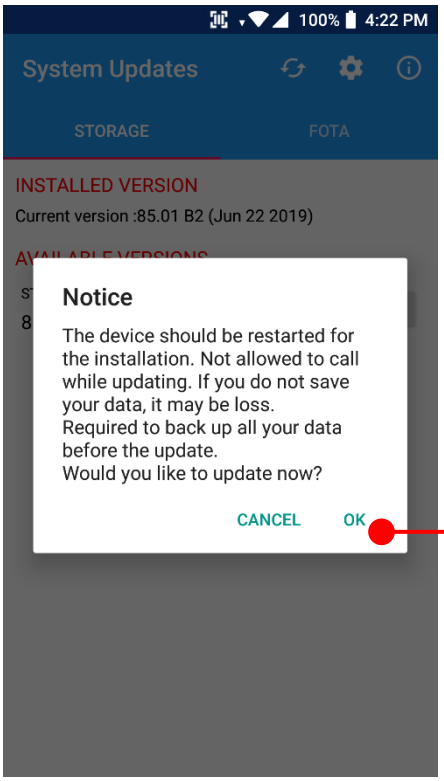
OS Image update from the FOTA



Touch to cancel the download process



By touching the **OK** button, your PM85 start to update the OS image.
During this time, you cannot use your PM85. Please save the data before starting, the OS update process.

Note: Default OS image download setting of FOTA Client is “Download over Wi-Fi only” Please connect to the nearby Wi-Fi network for FOTA service

Remaining battery level must be higher than 20%. Otherwise PM85 will not start OS update process. Please check battery level first

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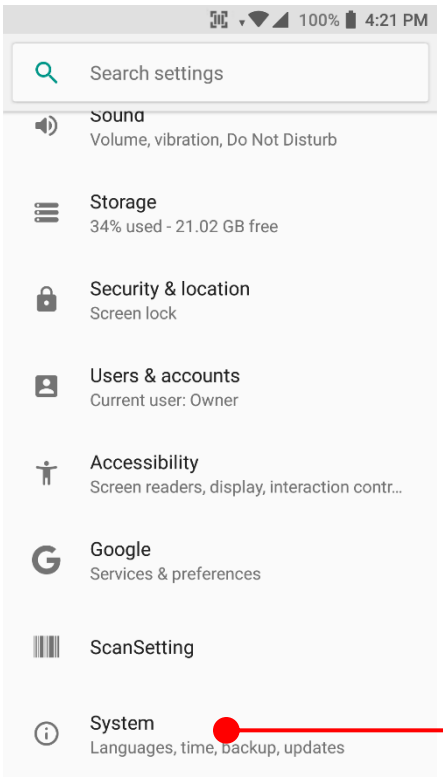
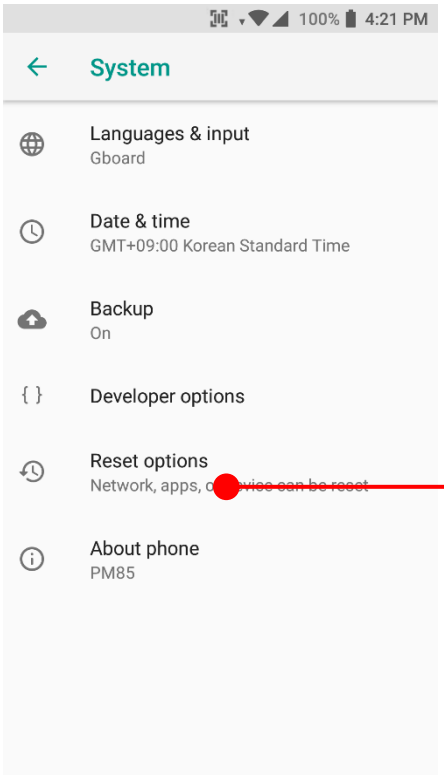
Factory data reset from Settings



Touch **System**

Touch **App drawer** icon → **Settings** and then



Touch **Reset options**

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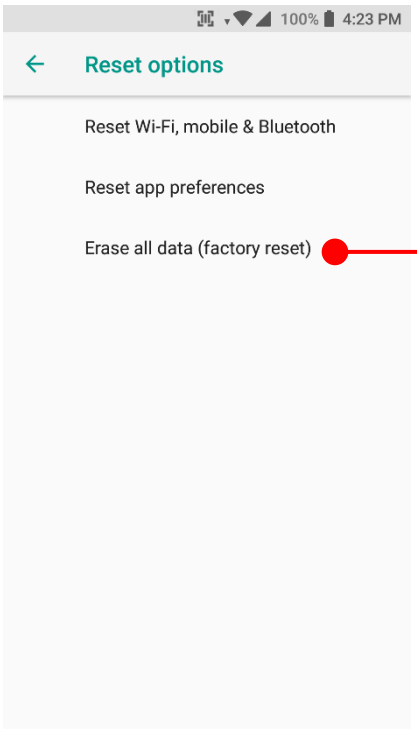
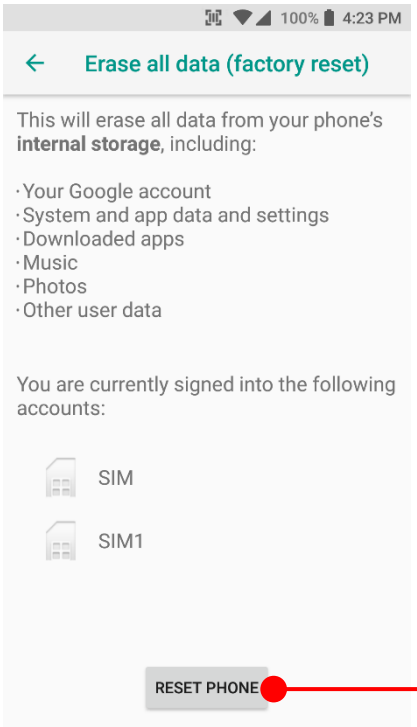
Factory data reset from Settings



Touch **Erase all data (factory reset)**



Touch **RESET PHONE**

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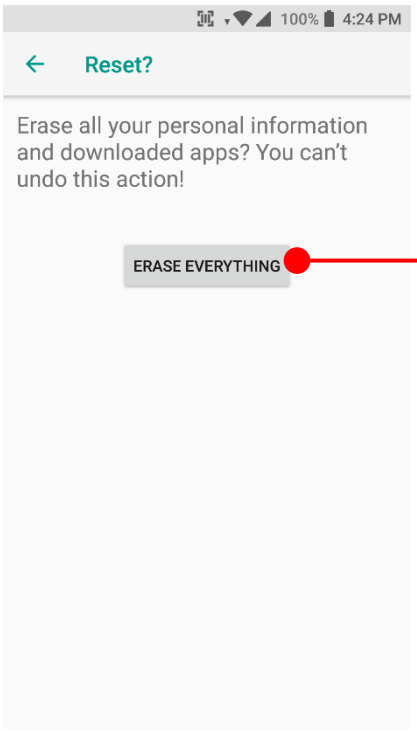
Factory data reset from Settings



Please note, all apps and data in the internal storage will be deleted and restored to “Factory default” and this process cannot “Undo”

Touch **ERASE EVERYTHING**

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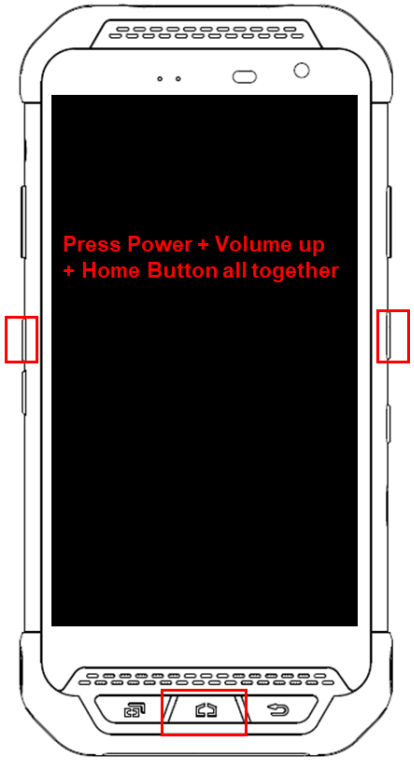
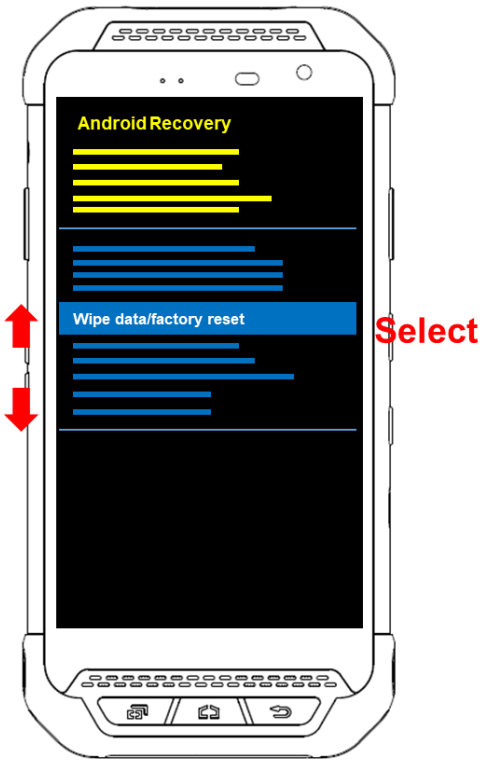
Force Factory data reset



Force Factory data reset your PM85

You can perform “force” factory data reset your PM85. When your PM85 turned off, press **Power + Volume Up + Home** button all together. After you see **Smart Beyond Rugged** logo display, you may release the keys.



PM85 enter to the **Android Recovery mode**. In this mode, **Volume up** is **Move Up** in the menu tree and **Volume down** is **Move Down** in the menu tree. **Power Button** is **Select**

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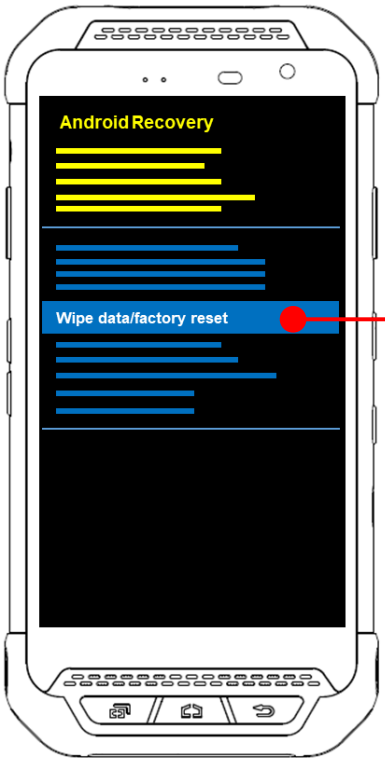
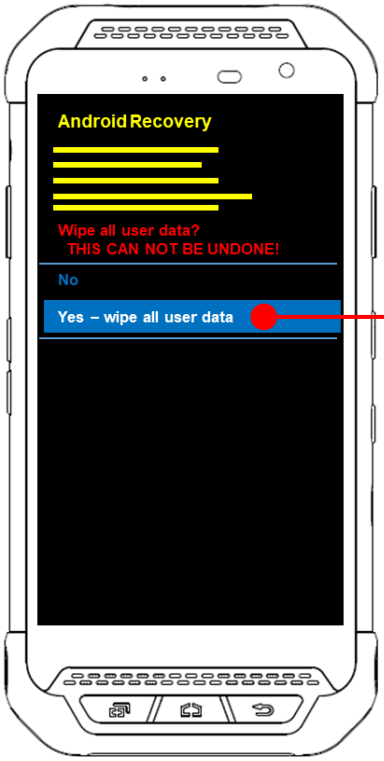
Force Factory data reset



Select **Wipe data/factory reset**



Select **Yes wipe all user data** to perform the Factory data reset.

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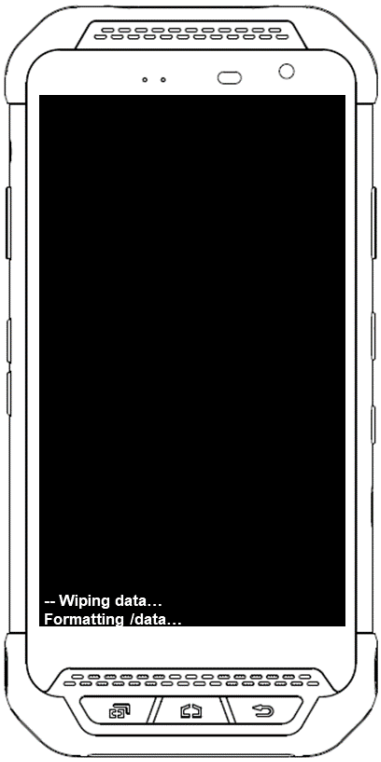
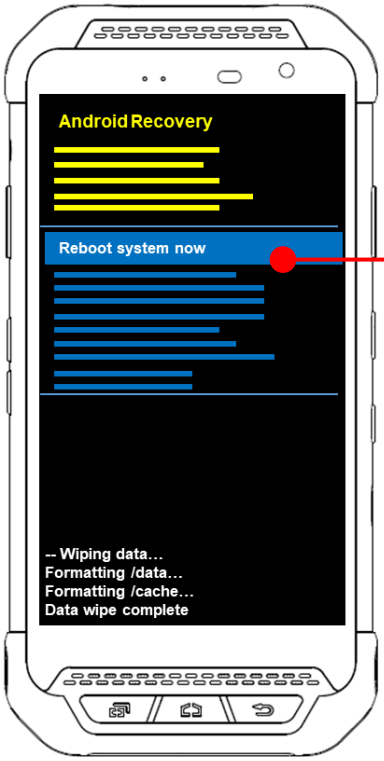
Force Factory data reset





After data wiping, please select **Reboot system now** to finish the Force Factory data reset process

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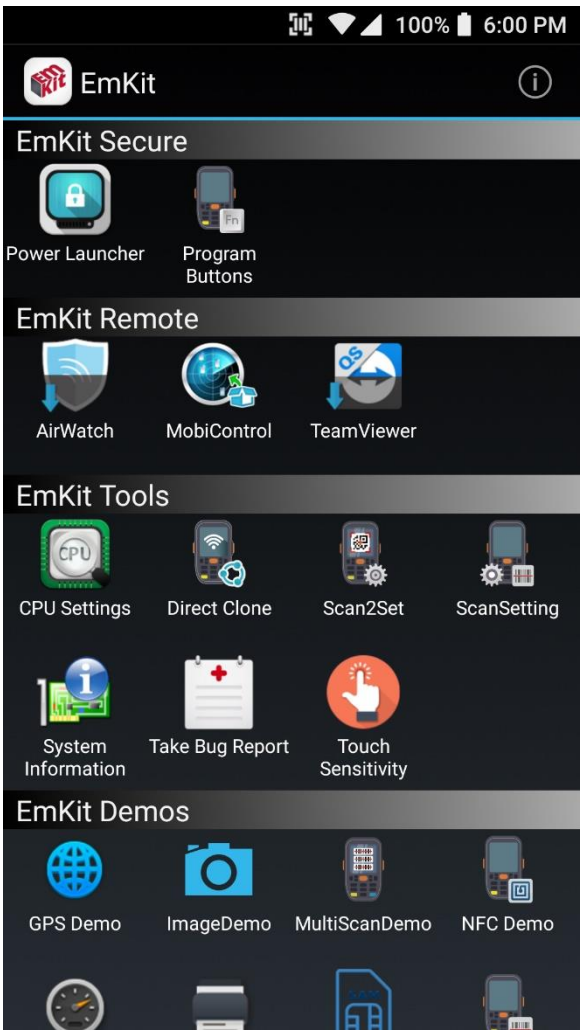
Enterprise Mobility Kit

Enterprise Mobility Kit – Truly, what Enterprise needs

Point Mobile announces new software solution – called **EmKit** is new software solution for enterprise mobility users. Our every Android device shall have EmKit pre-installed and every use can access them for free of charge*****. EmKit offers truly-value-added advantages, for enterprise users, which are against consumer-centric & non-customizable smartphones. Every solution in EmKit is 100% compatible with Point Mobile Android GMS certified devices.

*** Necessary MDM license subjects upon individual subscribers**



EmKit consist with **EmKit Secure, EmKit Remote, Emkit Tools** and **EmKit Demos**

- EmKit Secure **Lock Your Device**
- EmKit Remote **Mobile Device Management**
- EmKit Tools **Smarty Tools Ease Enterprise**
- EmKit Demos **Friendly for Programmers**

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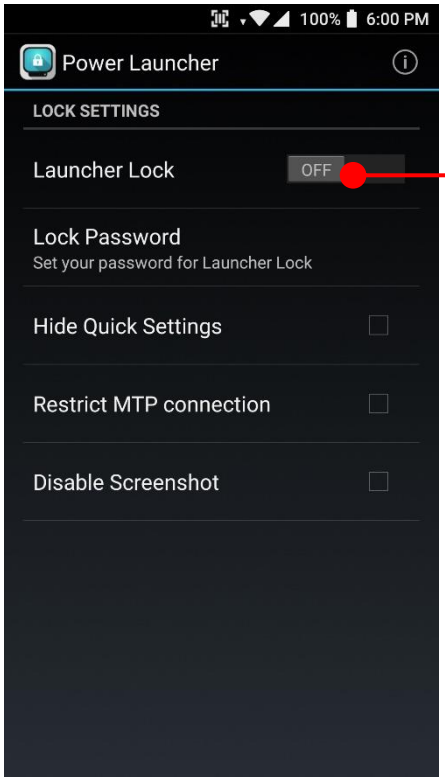
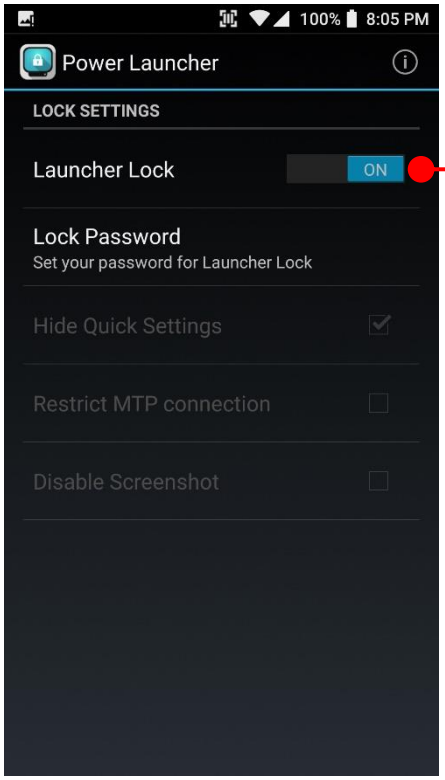
EmKit Secure



Power Launcher

You can lock your Point Mobile Android model's **Home Screen** and limit to access app drawer or specific function. This function as known as **Kiosk mode**.

- Hide Quick Settings : Limit to access quick setting panel
- Restrict MTP connection : Limit to access Point Mobile Device's MTP connection
- Screenshot Disable : Disable screenshot capture in OS level



After restriction feature check, switch **Launcher Lock** to On.

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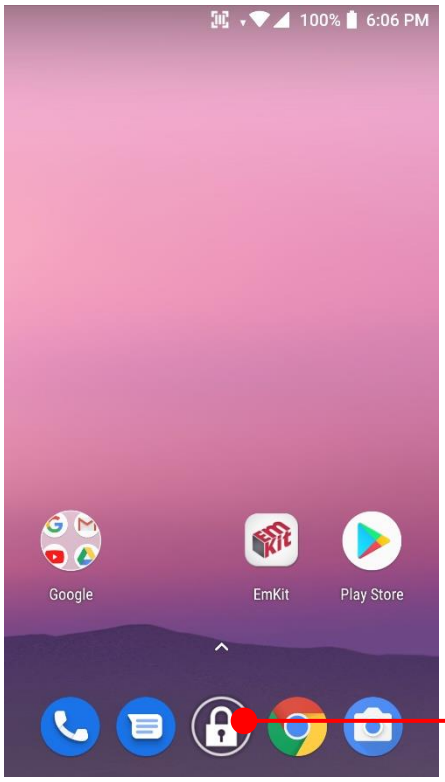
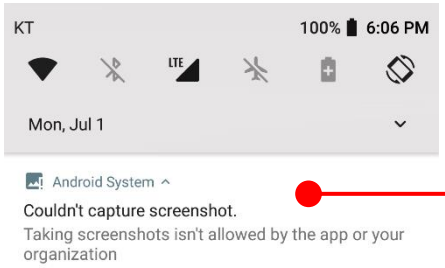
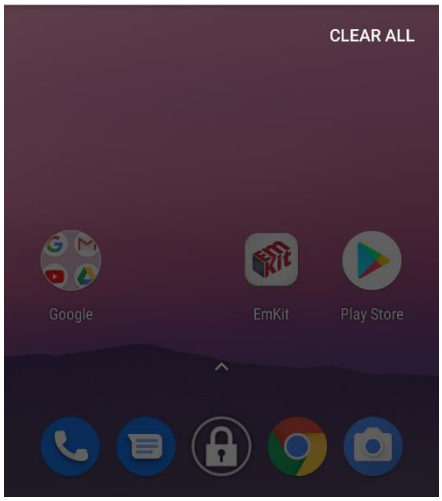
EmKit Secure



When Power Launcher is locked, operator could not access to **App drawer**.



Example of **Screenshot Disable** restriction.



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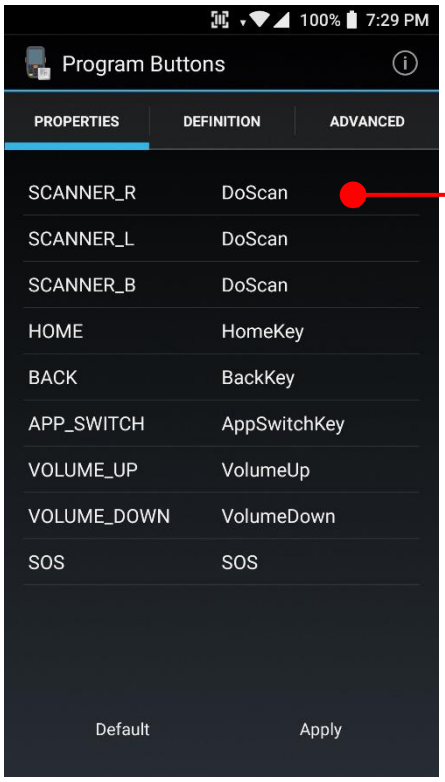
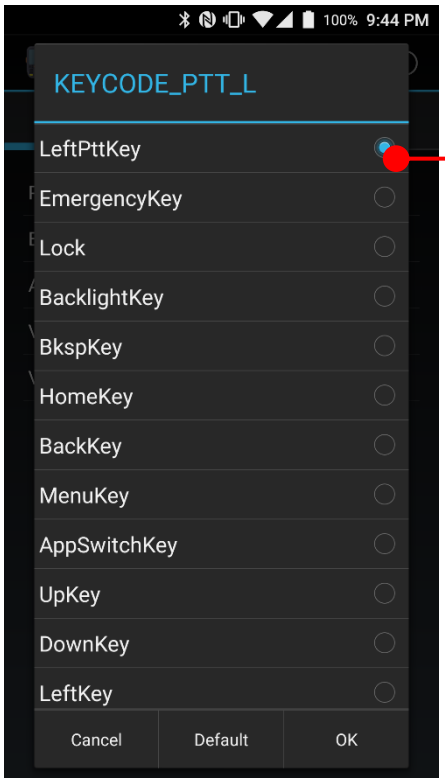
EmKit Secure



Program Buttons

You can assign Hardware buttons function to rich pre-assigned functions.

Touch one of hardware button



Touch to set pre-assigned function to the hardware button

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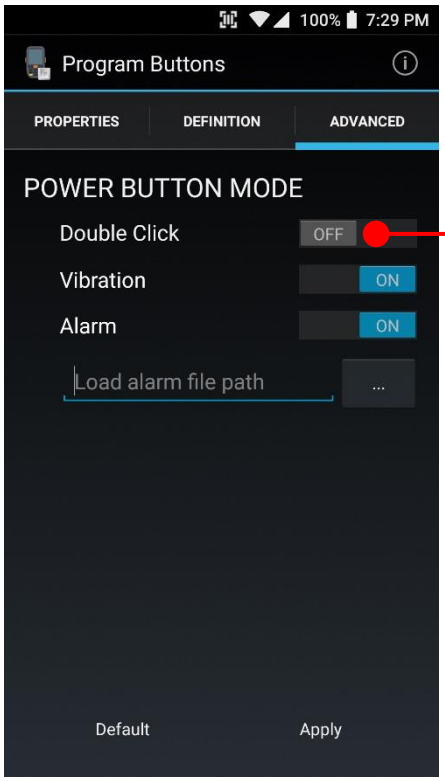
EmKit Secure



In **Advanced** tab, you can assign power button's function. Default is when Power button pressed, PM85 turn off the screen.
If **Double Click** mode enabled, you need to click the power button twice to turn off the PM85 screen.
When you single click the power button, PM85 will vibrate or play alarm sound to inform **Power button is pressed instead of Scanner button**

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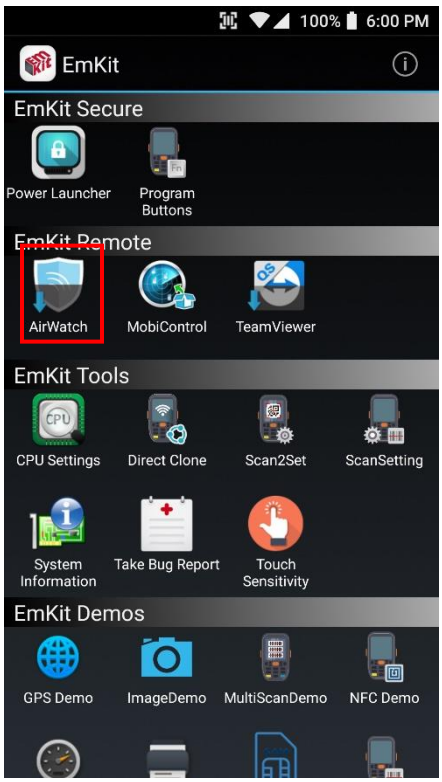
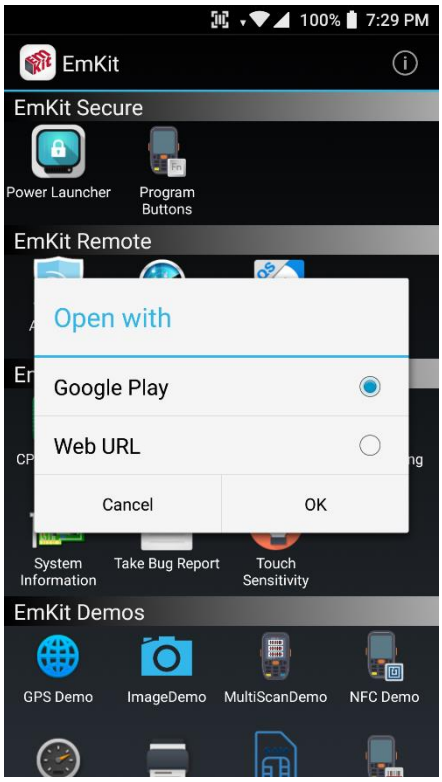
EmKit Remote



To install the AirWatch agent to Point Mobile Android device, please touch AirWatch icon



App provides AirWatch agent install via Google Play or Web URL.

- Google Play method requires Google account login. AirWatch agent download and install by Google Play
- Web URL method requires user's manual installation

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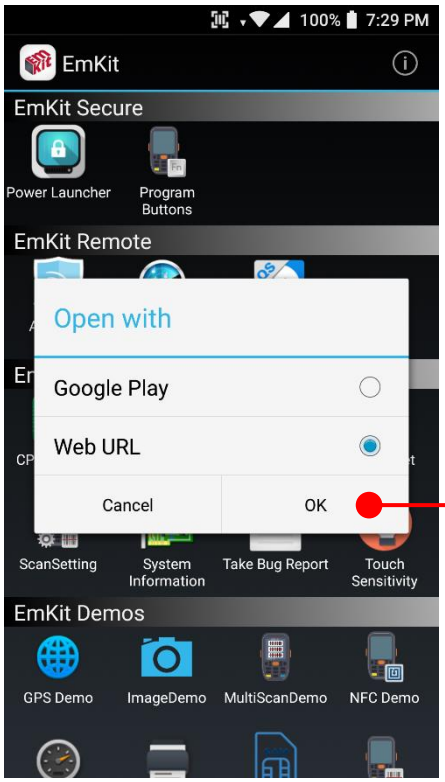
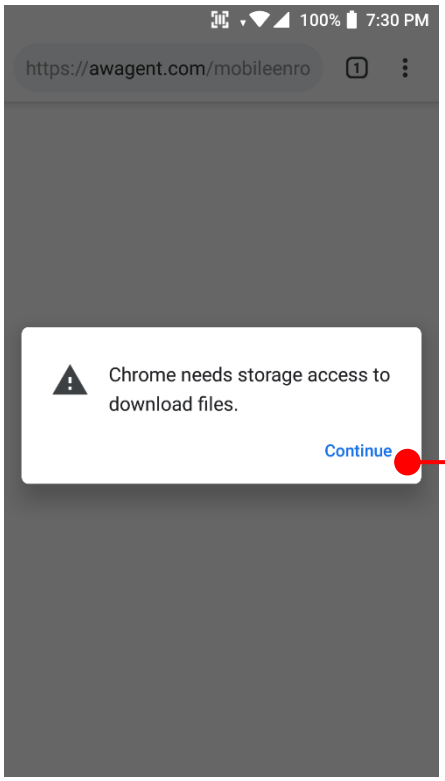
EmKit Remote



To install AirWatch agent from Web URL method, select the option and then **OK**



Web browser will download the apk file to the Point Mobile Android device. Before downloading, browser need permission to download apk file to the storage. Please touch **Continue**

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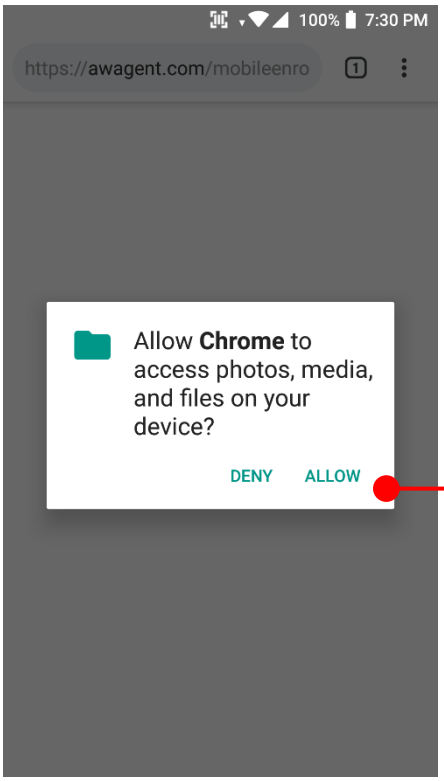
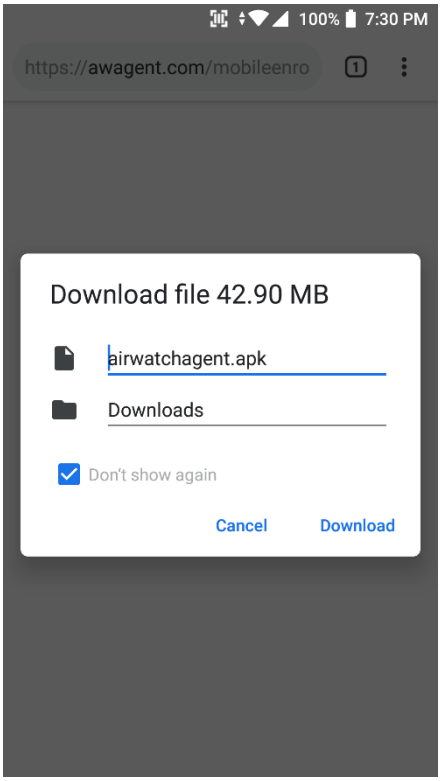
EmKit Remote



Touch **ALLOW** to grant web browser's file access



After permission update, web browser downloads the latest version of AirWatch agent apk file. Install this apk file to Point Mobile Android device.

> **Note:** If you need to install specific agent version, please contact to AirWatch

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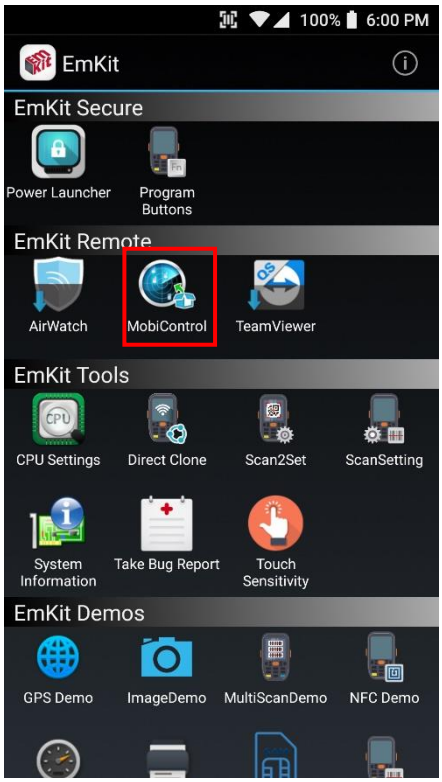
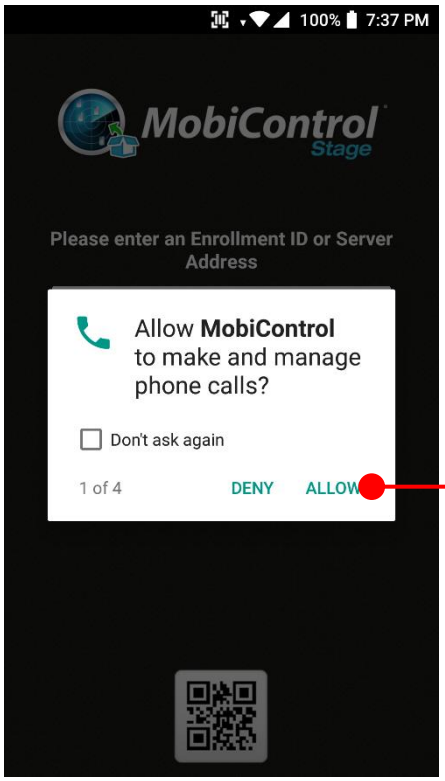


SOTI Mobi Control installer is pre-installed to Point Mobile Android device. To start enrollment process, please touch MobiControl icon



Mobi Control app request permission grant during enrollment process. Touch **ALLOW**

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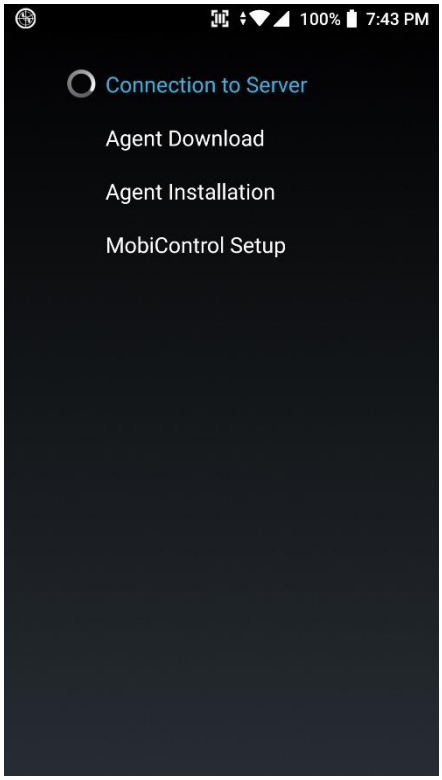
EmKit Remote



After login, Mobi Control app communicate with SOTI server and then install the Mobi Control agent

> **Note:** Agent version determine from SOTI console's setting. If agent version is incorrect after enrollment, please contact to SOTI

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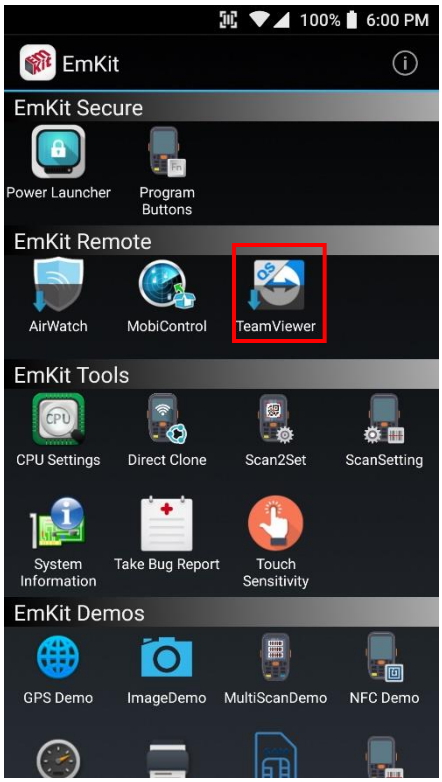
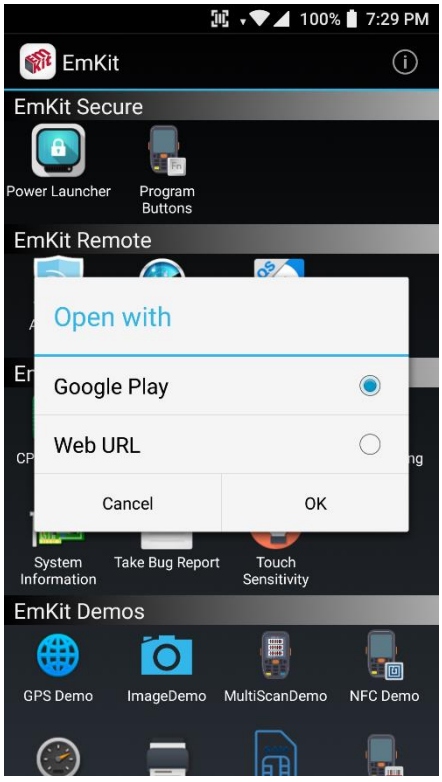


To install the TeamViewer QS app to Point Mobile Android device, please touch TeamViewer icon



App provides TeamViewer QS app install via Google Play or Web URL.

- Google Play method requires Google account login. TeamViewer QS app download and install by Google Play
- Web URL method requires user's manual installation

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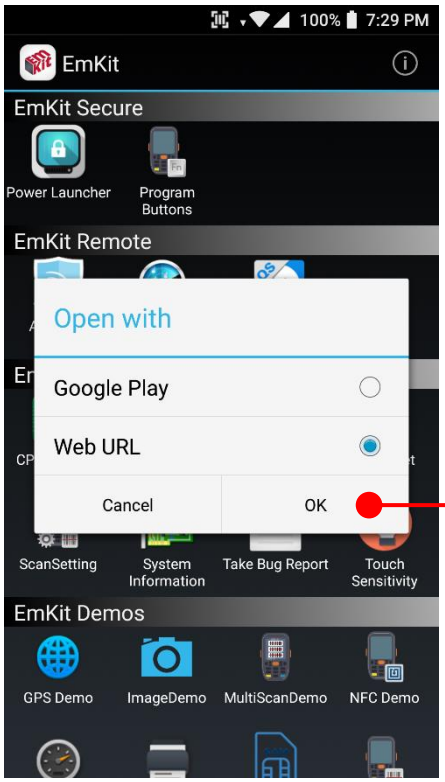
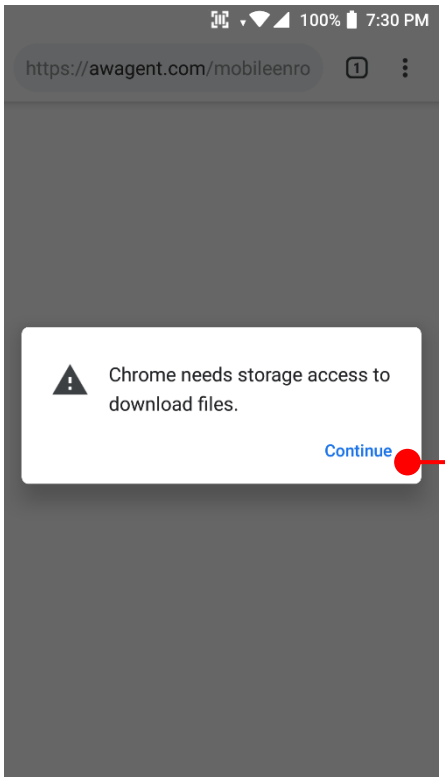
EmKit Remote



To install TeamViewer QS app from Web URL method, select Web URL and then **OK**



Web browser will download the apk file to the Point Mobile Android device. Before downloading, browser need permission to download apk file to the storage. Please touch **Continue**

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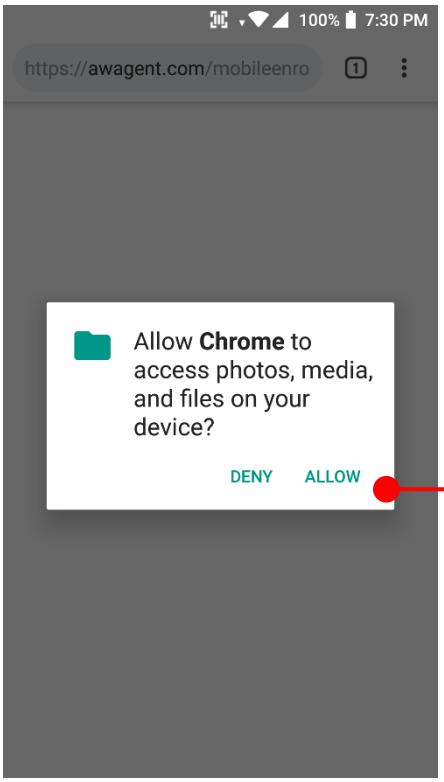
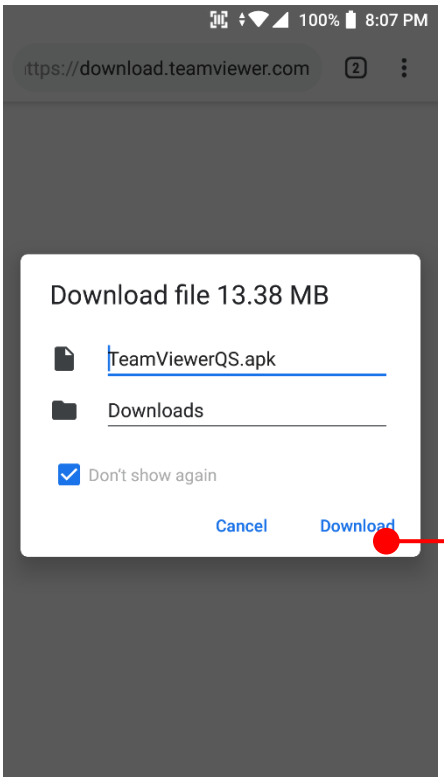
EmKit Remote



Touch **ALLOW** to grant web browser's file access



After permission update, web browser downloads the latest version of TeamViewer QS apk file. Install this apk file to Point Mobile Android device.

> **Note:** If you need to install specific agent version, please contact to TeamViewer

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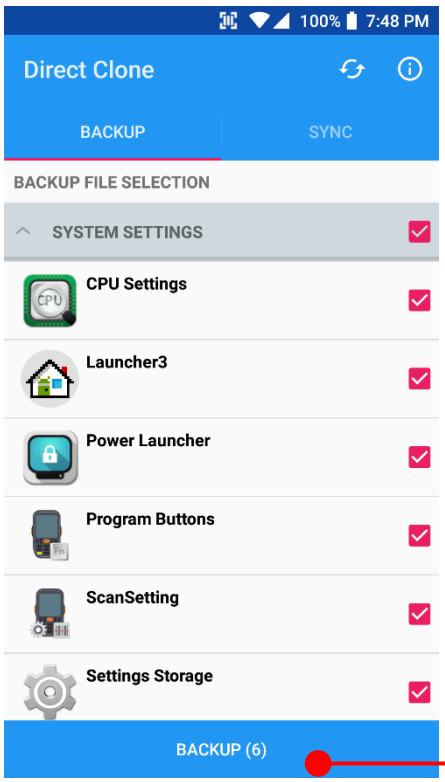
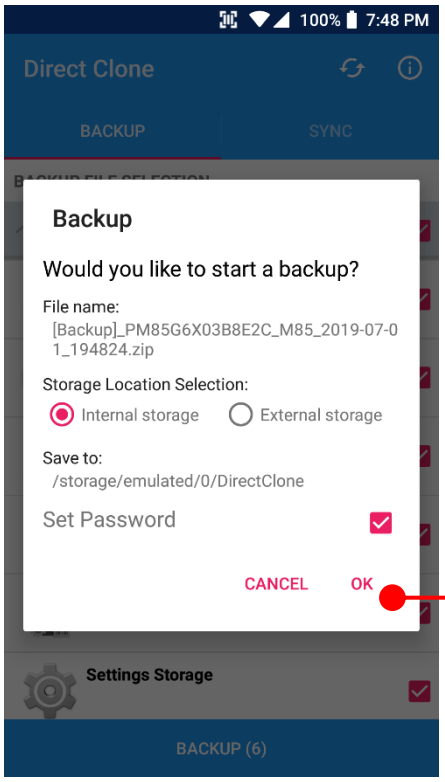
EmKit Tools



Direct Clone

Create the **Master PDA** - backup your system settings and apps into a secured file. Without any network connection, Master PDA become a local server in your work place. Nearby Point Mobile device will automatically communicate with Master PDA and download the backup file and then **Restore**.

Create the backup file



Set backup file location, password option and then touch **OK**

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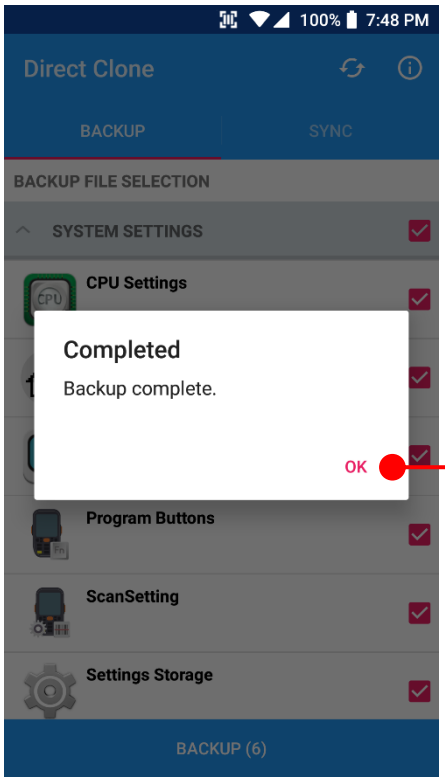
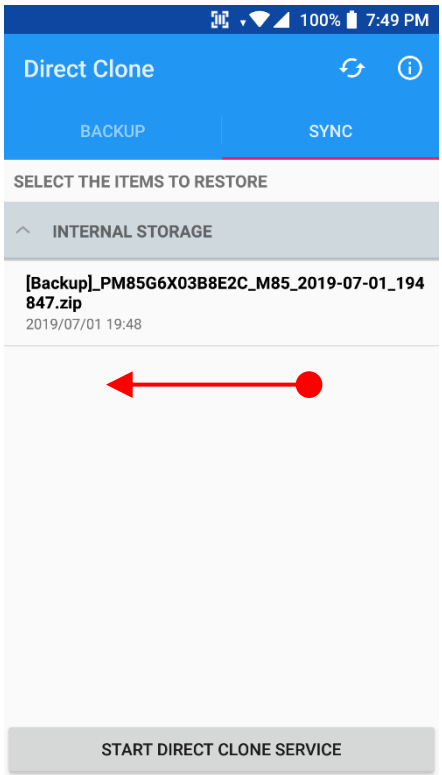
EmKit Tools



Touch **OK**



Swipe the screen, in the SYNC tab, you can find backup file.

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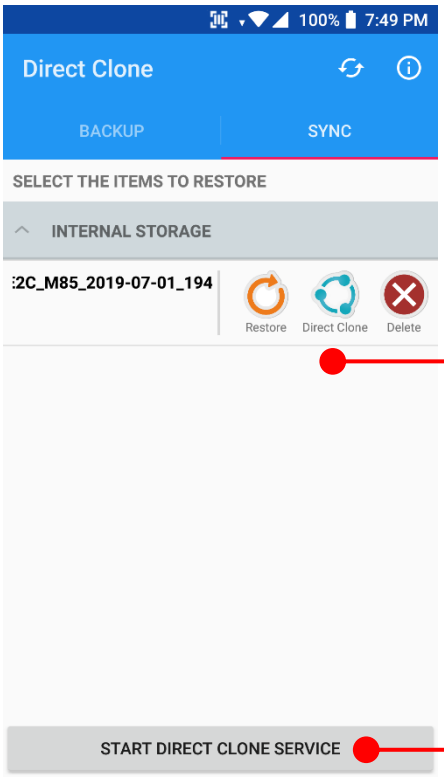
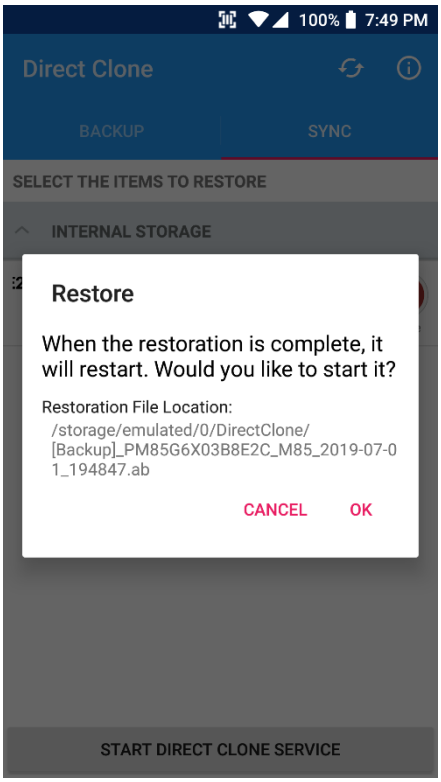
EmKit Tools



Touch Backup file. You will find **Restore**, **Direct Clone** and **Delete** option

Touch to receive file from master PDA



Restore PM85 with selected file

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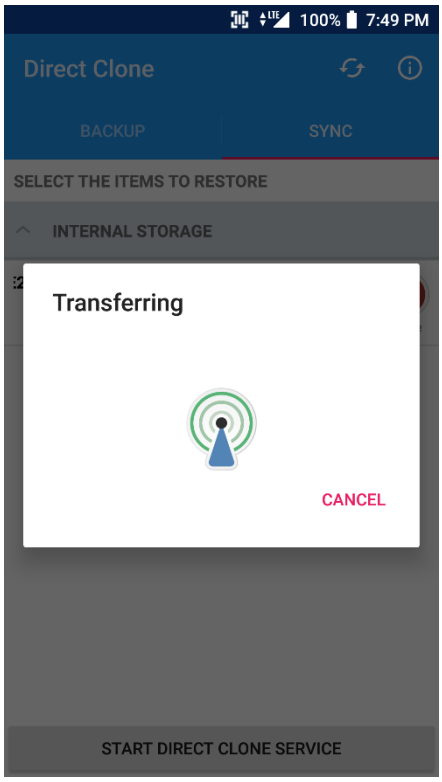
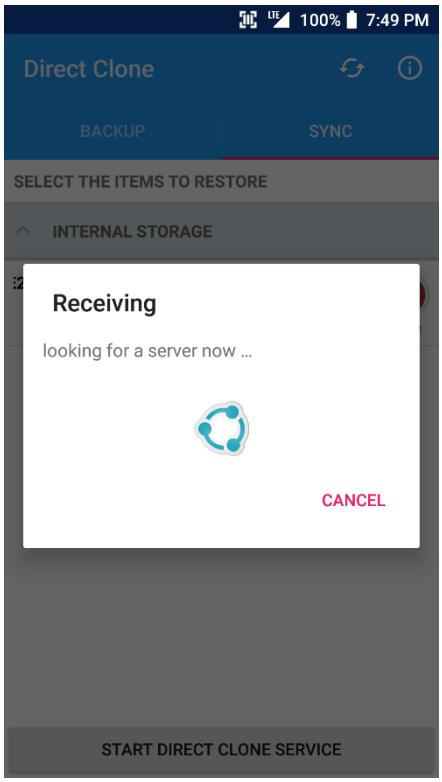
EmKit Tools



Transferring Direct Clone file



Receiving Direct Clone file

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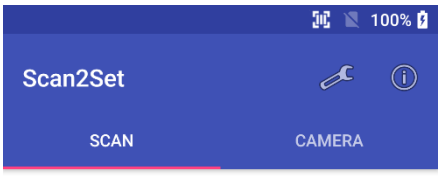
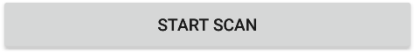


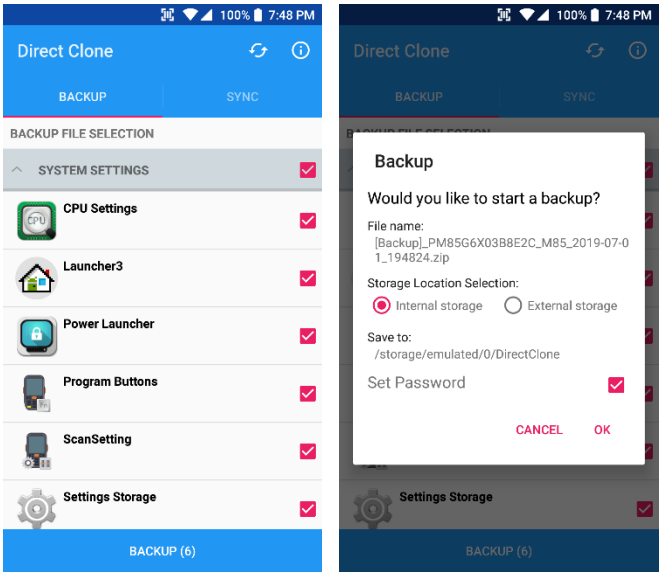


Scan2Set

Scan2Set is designed for the network environment. Point Mobile Android device downloads the Direct Clone file from the FTP, Web server or Cloud such as Dropbox or Google Drive with just one QRcode Scan!

Scan your QR code and,
- Connect to your network
- Restore your PDA
- Work Managed Device setup

Step 1. Create Direct Clone Backup file



- Make a Direct Clone file from Master PDA device

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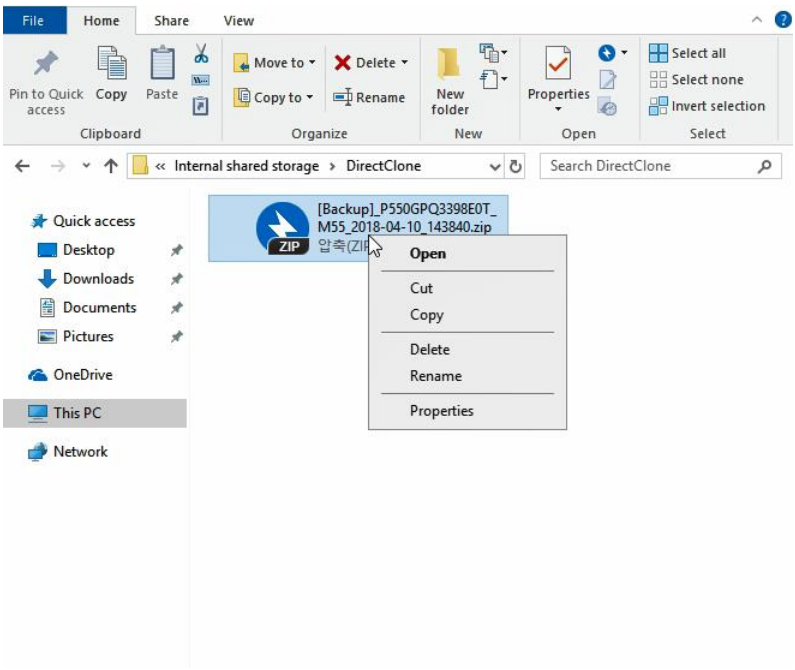
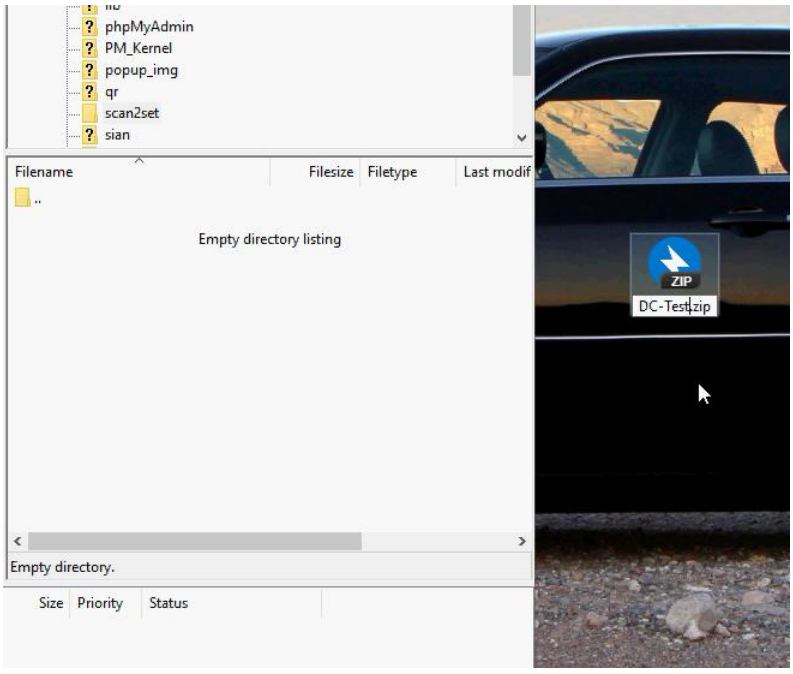
EmKit Tools

Step 2. Upload Direct Clone file to your FTP site or Web server

- Copy the Direct Clone file from the Point Mobile Android device



- Upload this file to your FTP site or Web Server. You may change file name



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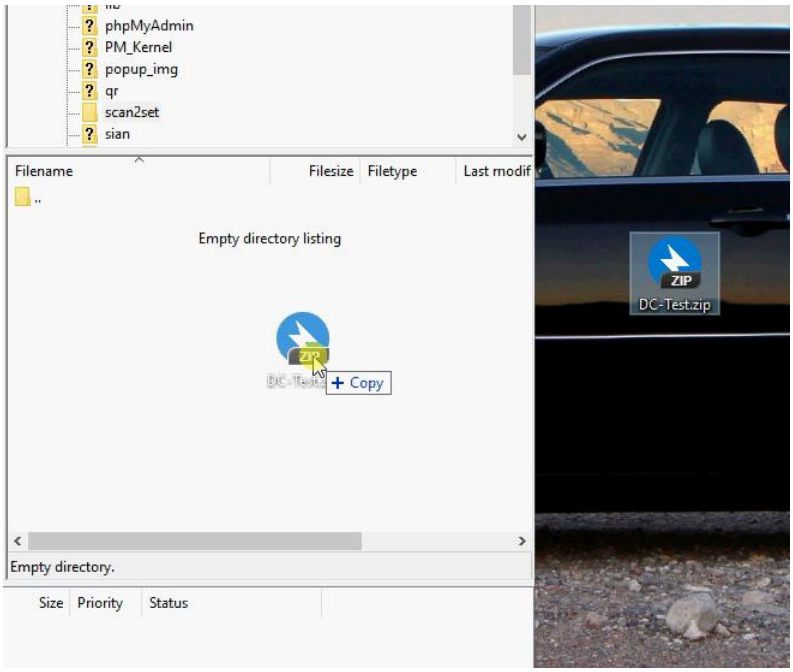
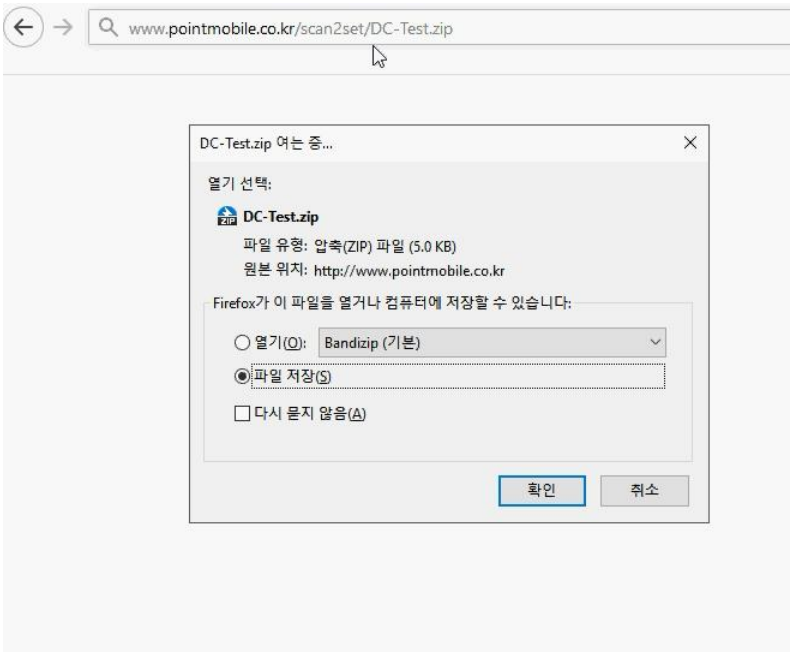
EmKit Tools



- After file uploading, please check the url first. **File should be download with url address.**



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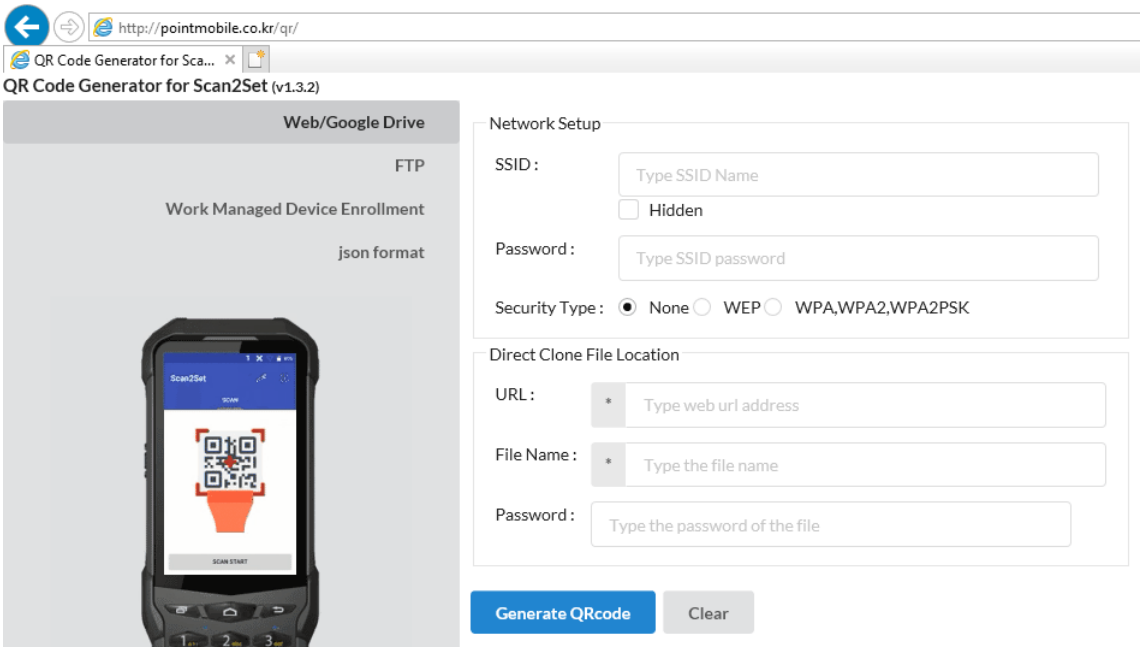
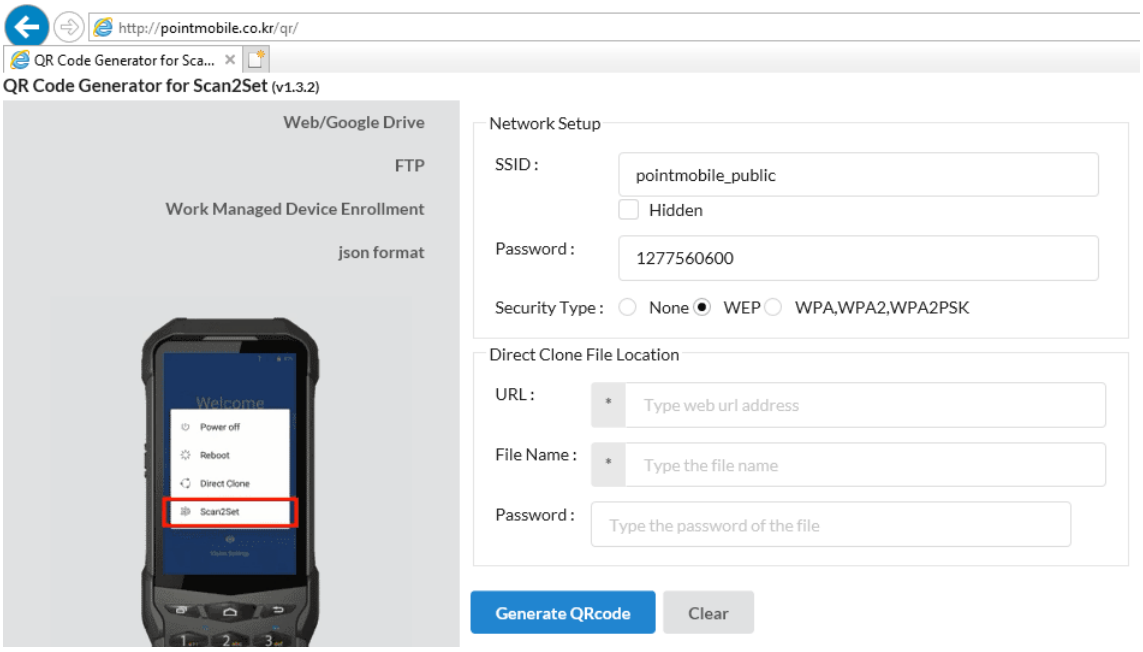
Step 3. Generate QRcode

- Access to Web QRcode generating site www.pointmobile.co.kr/qr



- Click **Web/Google Drive** menu
- Input Network information, Direct Clone file name and password



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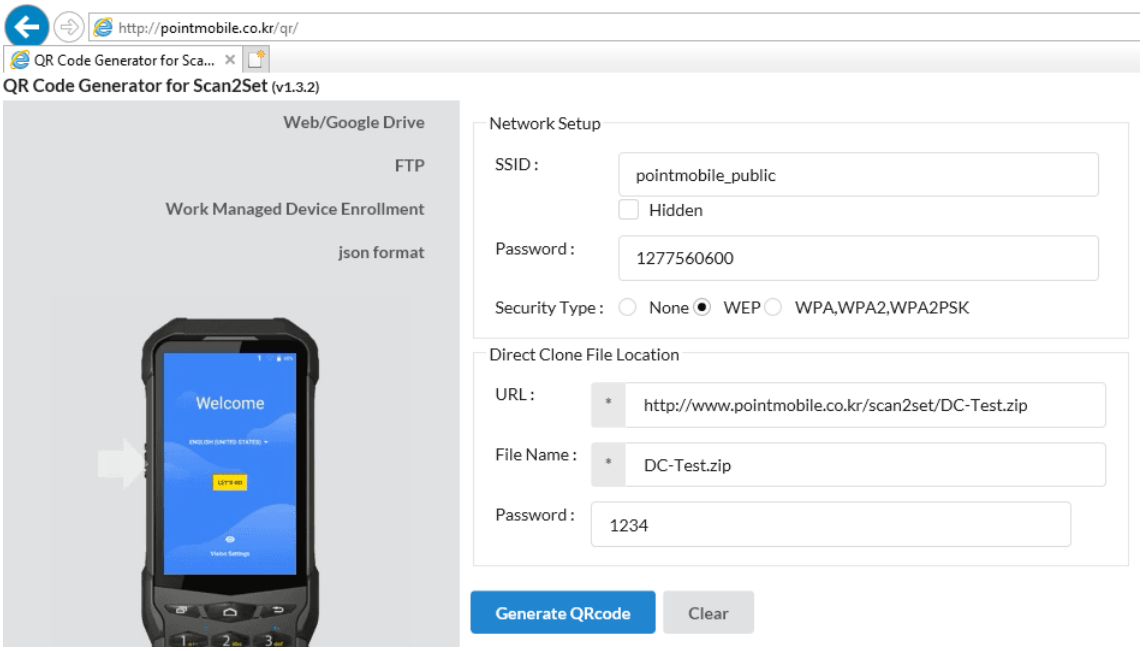
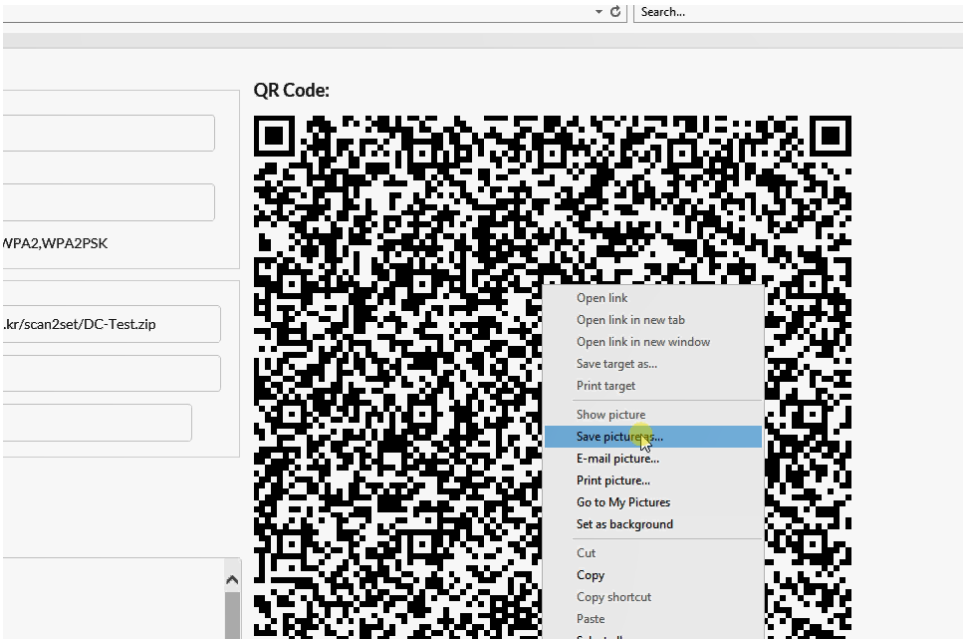


Note: Make sure put http:// or https:// in front of url address

- Click **Generate QRcode** button and save or print generated QRcode



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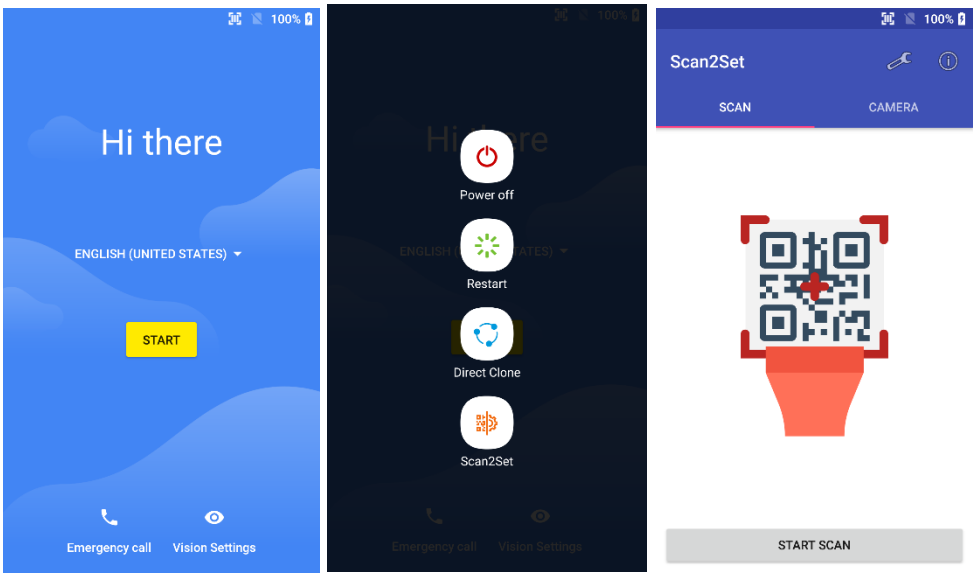
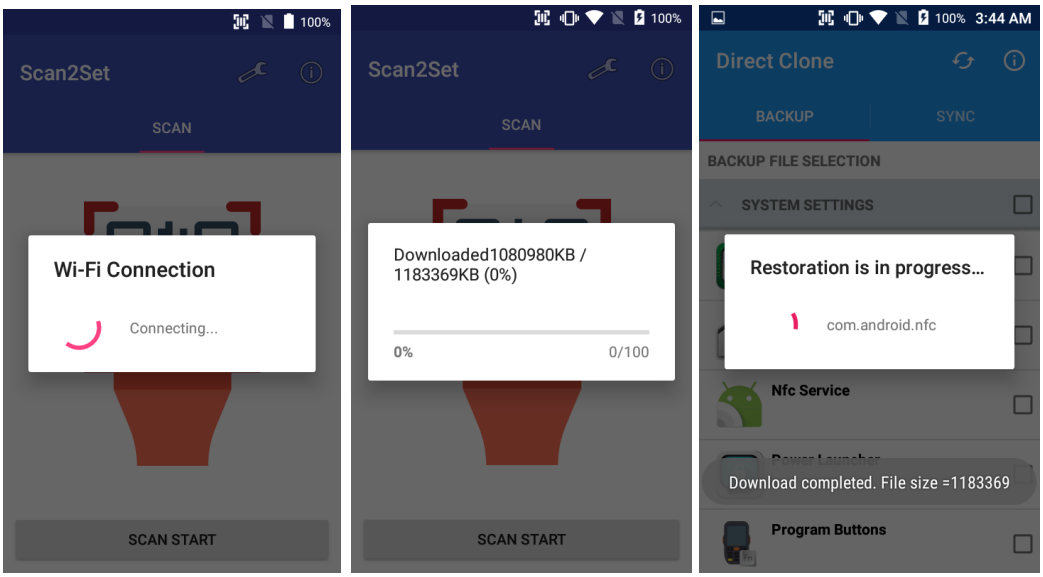
Step 4. Read QRcode in other PDAs

- Turn on your Point Mobile Android device.
- Press the Power Button, then you will see the Scan2Set in the menu



- Read the generated QRcode. Point Mobile Android device will download the file from the FTP site or Web server and restore Direct Clone file



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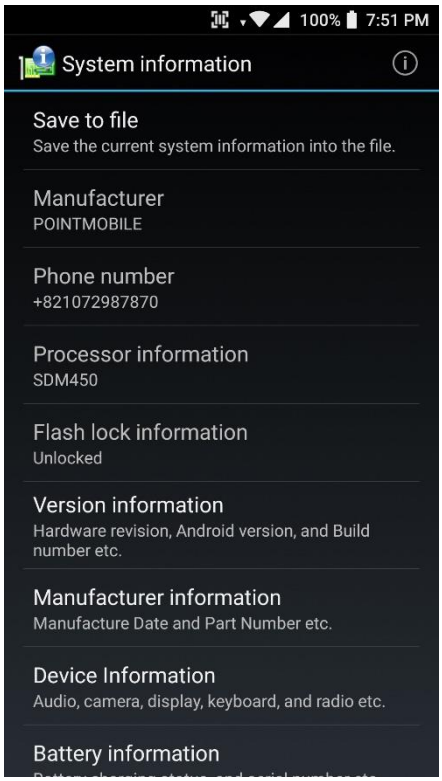
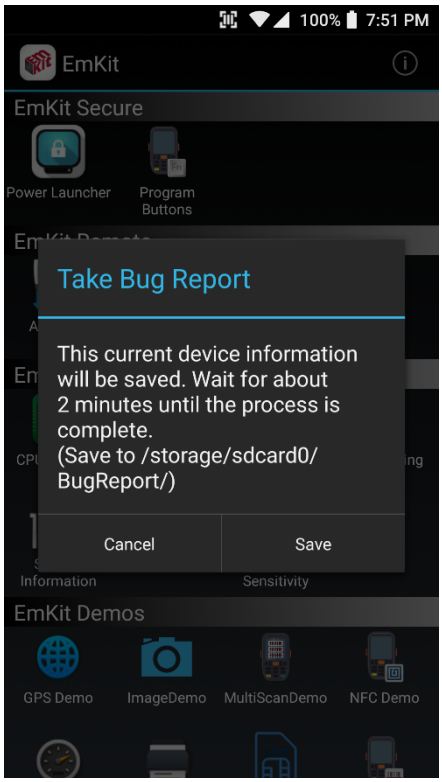
EmKit Tools



System information

All of SW and HW information available here and can save it to the file.

- Touch **Save to file**.
- **devinfo.html** file saved to root folder of the internal storage.



Take Bug Report

This function saves logs and event to the internal storage. When you have a field issue, and need to contact service center, please find the reproduce step first.

- Reproduce the issue.
- After issue, reproduce, please run **Take bug report**.
- File will be saved to **BugReport** folder.
- Copy the file to the PC and then zip it to reduce the file size.
- Share bug report file to the service center or Point Mobile Support team with reproduce steps.

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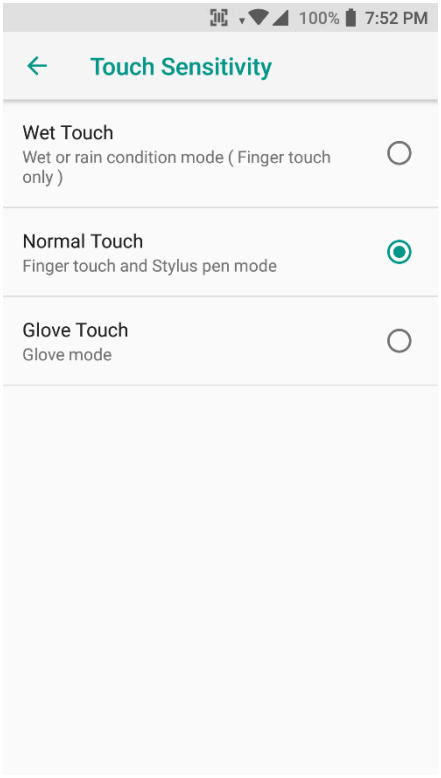
EmKit Tools



Touch Sensitivity

Set screen’s touch screen sensitivity option. You can set Wet touch mode or Glove touch mode here

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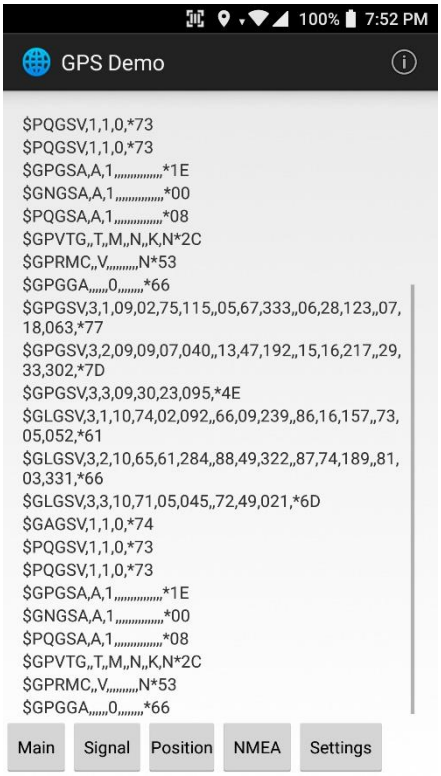
EmKit Demos



GPS Demo

Developer can demonstrate or check Point Mobile Android model's GPS signal strength, Satellite info, NMEA info.

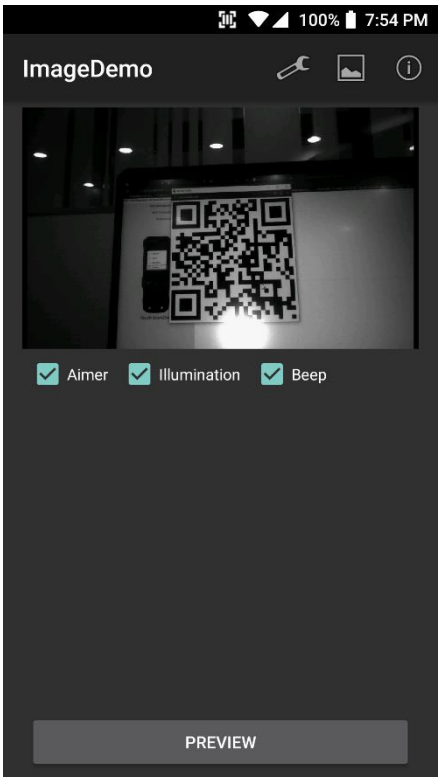


Image Demo

Developer can demonstrate or check Point Mobile Android model's 2D scanner's image taking solution.

Some of demo app only available for specific Hardware feature integrated SKU (Stock Keeping Unit)

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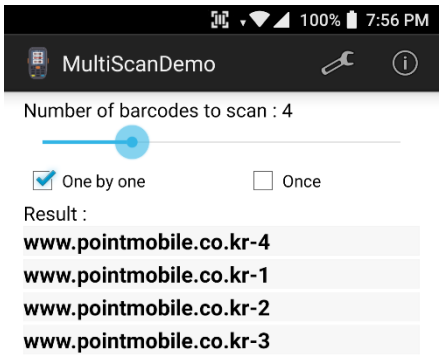
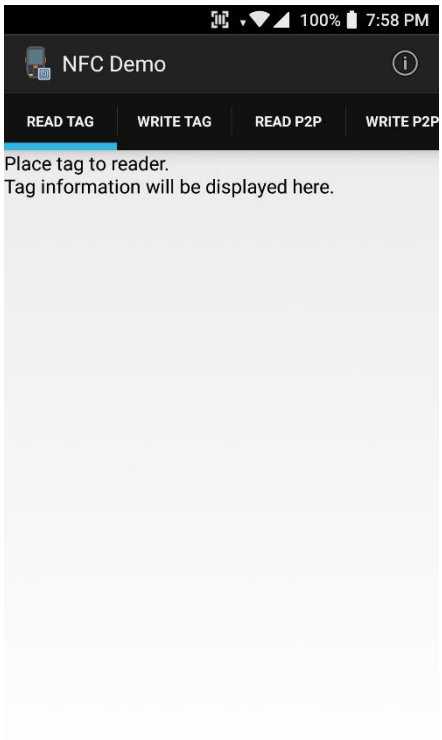
EmKit Demos



MultiScan Demo

Developer can demonstrate or check Point Mobile Android model's Scanner solution. You can read multi barcodes

Some of demo app only available for specific Hardware feature integrated SKU (Stock Keeping Unit)



NFC Demo

Developer can demonstrate or check Point Mobile Android model's NFC Read/Write solution.

Some of demo app only available for specific Hardware feature integrated SKU (Stock Keeping Unit)

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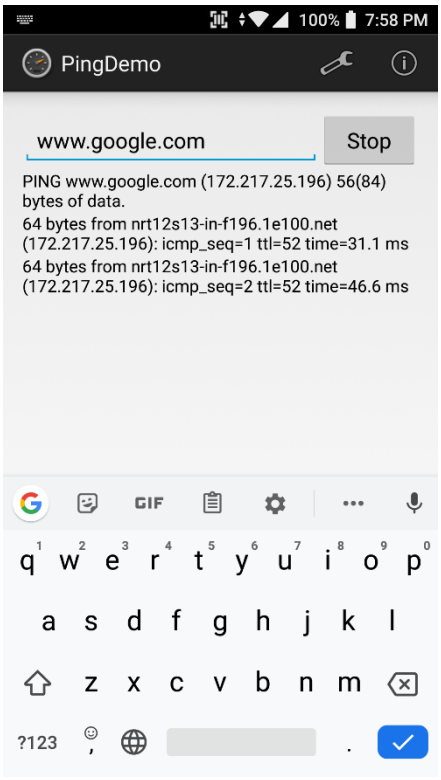
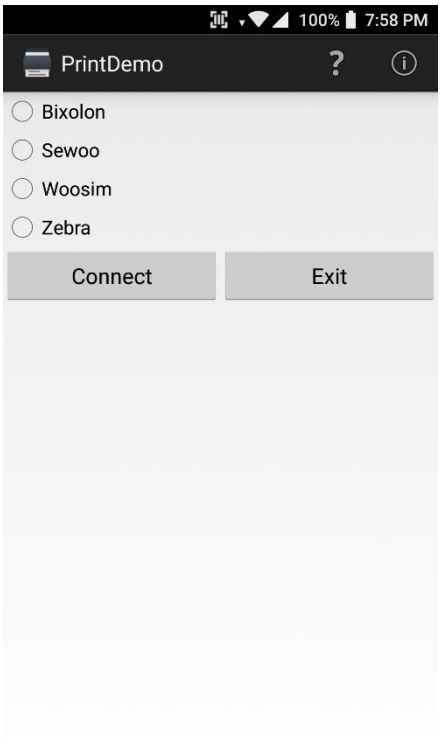
EmKit Demos



Ping Demo

Developer can demonstrate or check Point Mobile Android model's ping test.



Print Demo

Developer can demonstrate or check Point Mobile Android model's Bluetooth mobile printing solution

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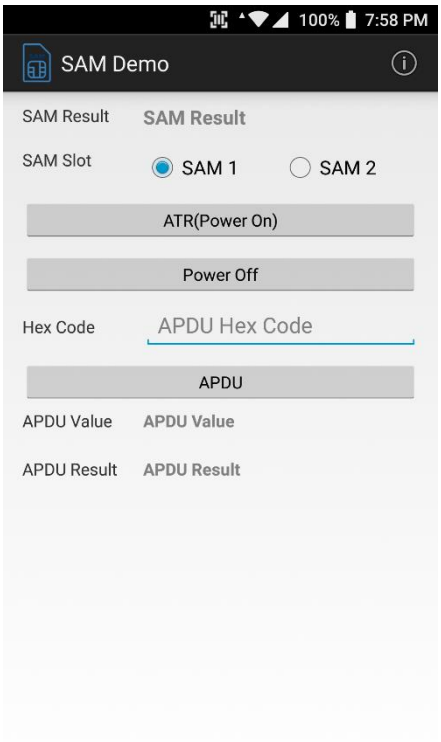
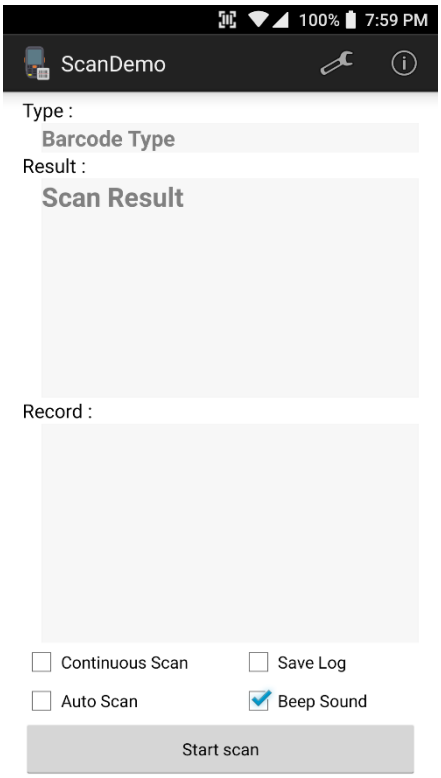
EmKit Demos



SAM Demo

Developer can demonstrate or check Point Mobile Android model's SAM communication.

Some of demo app only available for specific Hardware feature integrated SKU (Stock Keeping Unit)



Scan Demo

Developer can demonstrate or check Point Mobile Android model's Scanner solution.

Some of demo app only available for specific Hardware feature integrated SKU (Stock Keeping Unit)

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Safety and Legal Info

Battery Safety Information

Follow the battery safety guidelines for safe usage, storage, and disposal of Li-ion batteries. Improper battery use may result in a fire, explosion, or other critical hazards.

Battery Safety Guidelines

- Use only Point Mobile approved batteries and charging accessories. Other batteries and chargers may damage the device or result in a fire, leakage, or other hazards.
- Do not expose the battery to excessive heat or cold.
- Do not use or store the battery in or near areas that might get very hot, such as in a parked vehicle, near a heat duct or close to other heat sources.
- Do not allow objects that may cause a short circuit, such as metal objects, corrosive substances, or liquids like water, to contact the battery.
- Do not disassemble, crush, bend, shred, press, or other actions that may damage or deform the battery.
- Do not use or replace the battery on the go or from a high location. Dropping may result in an explosion or fire.
- Do not put any labels, stickers, tags, etc. on the device or battery. Performance of the device or battery, such as sealing, drop, or tumble, could be affected.
- Close supervision is necessary when used near children to avoid the risk of injury.
- If battery leakage is observed, avoid any contact with the skin or eyes and properly dispose of the battery. If contact has been made, wash the affected area with water for 15 minutes and seek medical advice.
- If you notice any type of damage to the battery, such as swelling, dents, and leaks, stop using it immediately and contact Point Mobile.

Battery Charging Guidelines

- Charge the battery in a clean, cool, dry, and ventilated environment.
- Separate the charger from the battery as soon as possible when the battery is fully charged.
- Battery performance can degrade due to the stress of daily charging and discharging. Batteries typically need to be replaced after 300 to 500 charging cycles (full charge-discharge cycles) or when the battery capacity has been reduced to 70 ~ 80% of its original capacity. The actual number of charging cycles varies based on usage patterns, temperature, age, and other factors.

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Safety and Legal Info

Battery Storage / Disposal Guidelines

- Store the batteries in a clean, dry and ventilated environment within ambient temperature ranges of 20±5℃.
- For safety regulations, batteries are charged to below 20~30% of full capacity during production.
- When not using batteries for a long period, charge the battery for 30 minutes to 1 hour at least once every 6 months to prevent full discharge and keep the performance.
- Batteries should be stored separately when storing for long periods. Disconnect from any device, charger, or cradle.
- Dispose of used batteries promptly according to local disposal regulations.
- Do not dispose of the battery in fire. It may cause explosion.

Notice: The battery is consumable. Point Mobile provides a warranty for the battery for 12 months after purchase.

If you suspect the battery swelling, change the battery immediately and contact Point Mobile.

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Safety and Legal Info

Body-worn Operation

This device was tested for typical body-worn operations with the front & back of the phone kept 0.2 inches (0.5 cm) between the user's body and the front & back of the phone. A minimum separation distance of 0.2 inches (0.5 cm) must be maintained between the user's body and the front & back of the phone. Any belt clips, holsters, and similar accessories containing metallic components may not be used. Body-worn accessories that cannot maintain 0.2 inches (0.5 cm) separation distance between the user's body and the front & back of the phone, and have not been tested for typical body-worn operations should be avoided.

PROTECT YOUR HEARING

To prevent possible hearing damage, do not listen at high volume levels for long periods. Exercise caution when holding your device near your ear while the loudspeaker is in use.

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1)This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

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

Caution : Any changes or modifications to this device not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

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Safety and Legal Info

IC (Industry Canada) Warning

This device complies with Industry Canada license-exempt RSS standard(s).Operation is subject to the following two conditions: (1) This device may not cause interference; and (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le present appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisee aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioelectrique subi, meme si lebrouillage est susceptible d'en compromettre le fonctionnement

This device is restricted to indoor use only within the 5.15 ~ 5.35GHz Band.

Cet appareil est restreint a l'utilisation a l'interieur seulement dans la bande 5.15 ~ 5.35GHz.

This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be collocated or operating in conjunction with any other antenna or transmitter unless authorized to do so by the FCC/IC.

Cet equipement est conforme aux limites d'exposition aux radiations FCC / IC definies pour un environnement non controle. Cet emetteur ne doit pas etre colocalise ou fonctionner en conjonction avec une autre antenne ou un autre emetteur, a moins d'etre autorise a le faire par le FCC / IC

E-label

Users can access to the product certificate information in Settings → About phone → Certificates.

WCDMA/LTE feature is optional

Some product options only include WLAN feature.

	WLAN	PHONE
FCC ID	V2X-PM85W	V2X-PM85G
IC ID	10664A-PM85W	10664A-PM85G

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