Apulsetech

α811

RFID Handheld Reader
User Guide
Ver. 1.0

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1 About this guide

1.1 Introduction

The α811 (RFID Smart Reader) provides highest quality RFID reading performance with default or optional features, WiFi, Bluetooth, 2D scanner, 3G, Camera, NFC. With Android OS, users are able to experience efficient working performance.

This guide is designed for helping users to operate α811 effectively. Please read the guide carefully before using α811.

1.2 Configuration

- This guide provides information of the following configurations including optional features.

Model	Operating System	Radios	Memory	Data Capture Options
α811	Google Android 6.1	860MHz – 960MHz	2GB RAM, 32GB Internal	2D Imager Barcode Scanner 8Mega Pixel Auto Focus with Flash

1.3 Related document and Software

- α811 Quick Guide
- α811 SDK Manual
- α811 Firmware update manual
- α811 Demo application manual
- α811 UHF Demo app
- α811 Barcode Demo app

1.4 Service information

If you have problem with the device, visit our web site to analyze the problem or contact our partner in region or HQ.

Contact information is available at our website http://www.apulsetech.com

When requesting support, please have following information;

- Serial number of the device (On manufacturing label)
- Firmware version

1.5 Safety information

Symbols

This guide uses the following symbols to indicate hazards and additional information.

Symbol	Name	Description
	Warning	Implies information that could result in serious injury to yourself or others.
	Caution	Implies information that may result in minor or serious product damage.
	Note	Implies information that can help you get more important than surrounding text, such as exceptions or additional information.

Before you use the α811, please read this section of information and keep your child aware of this information. For detailed information, please refer to the safety guidelines.

- Do not use α811 during driving for safety.
- In medical sites, please follow the relevant regulations by turning off your α811 when you are in medical sites.
- Please turn off your α811 or turn on planes mode when you are boarding, to avoid wireless signals jamming aircraft control signal.
- Please turn off your α811 near the use of high precision electronic equipment, otherwise it may lead to electronic equipment disability.
- Do not take apart your α811 or accessories without authorizing. Only authorized institutions can repair this α811.
- Please keep α811 away from magnetic equipment. The radiation of α811 will erase the information of the magnetic storage device.
- Please don't use α811 under high temperature or in flammable areas (example: gas station).
- Please keep your α811 and accessories away from children without supervising.
- Please obey the relevant laws and regulations when you use your α811, and respect others lawful rights and privacy.
- Please obey the relevant specification of this manual when you use USB cable. Otherwise it may damage your α811 or personal computer.
- Modifying the device's operating system or installing software from unknown sources may cause device malfunction or data loss. Improper or unauthorized use of the device is a violation of the Bluebird license agreement and void your one-year limited warranty.

2 Brief Description of α811

2.1 Packing Contents

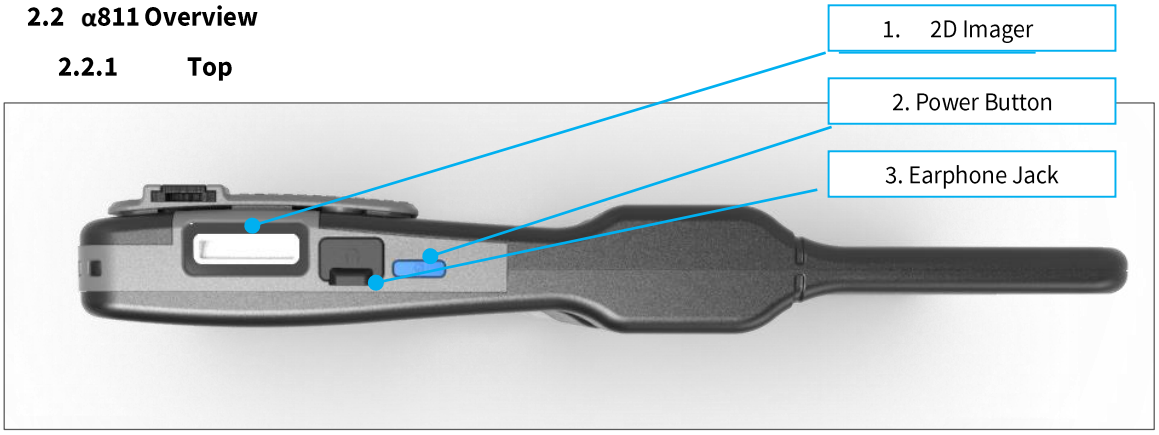
Your α811 packing box includes the following items

- α811 Device
- Power adapter
- USB cable
- Quick guide
- Battery
- Hand strap
- Docking Station (Optional)
- Protective film
-

The images may differ from your actual items.
To purchase additional accessories, contact your sales representative.
You can download your User Manual from *www.apulsetech.com*.

2.2 α811 Overview

2.2.1 Top



No.	Item	Description
1	2D Imager	Scans barcodes by emitting a red laser when you press the related button.
2	Power button	Turns the device or screen on or off. You can lock the device by turning off the screen.
3	Earphone Jack	

2.2.2 Front

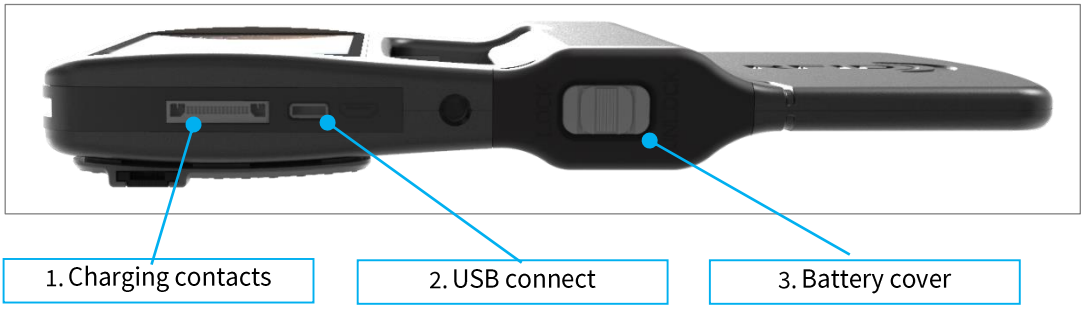
No.	Item	Description
1	Touch screen	Displays apps and acts as a multi-touch interface.
2	Menu Button	Displays more option menus. If you tap and hold this button for a few seconds, the apps you previously opened will be listed. Tap any app to open it.
3	Receiver	Allows user to hear the person they are talking to while on the phone.
4	Back Button	Returns to the previous page or menu.
5	Home Button	Returns to the Home screen.
6	Scan Button	Read barcode or RFID tag
7	Battery indicator	Indicates the status of the battery. The charging LED turns red when the battery is charging and turns green when the battery is fully charged.
8	UHF RFID Reader	Collects UHF Tag information

9	NFC Read area	Reads NFC Tag or card

2.2.3 Back

No.	Item	Description
1	Camera	Takes photos and record videos (8Megapixel).
2	Flash	Illuminates your surroundings when using the camera and related apps.
3	SiM Slot	For 3G function
4	Micro SD Card Slot	To extend Memory capacity
5	Hand Strap holder	To attach hand strap for easy handle the device
6	Scan button	It only functions on demo application as default. User can develop and change the key map.
7	Reset key	To reset α811 if physical buttons are not working.
8	Hand strap holder	To hold handstrap

2.2.4 Bottom

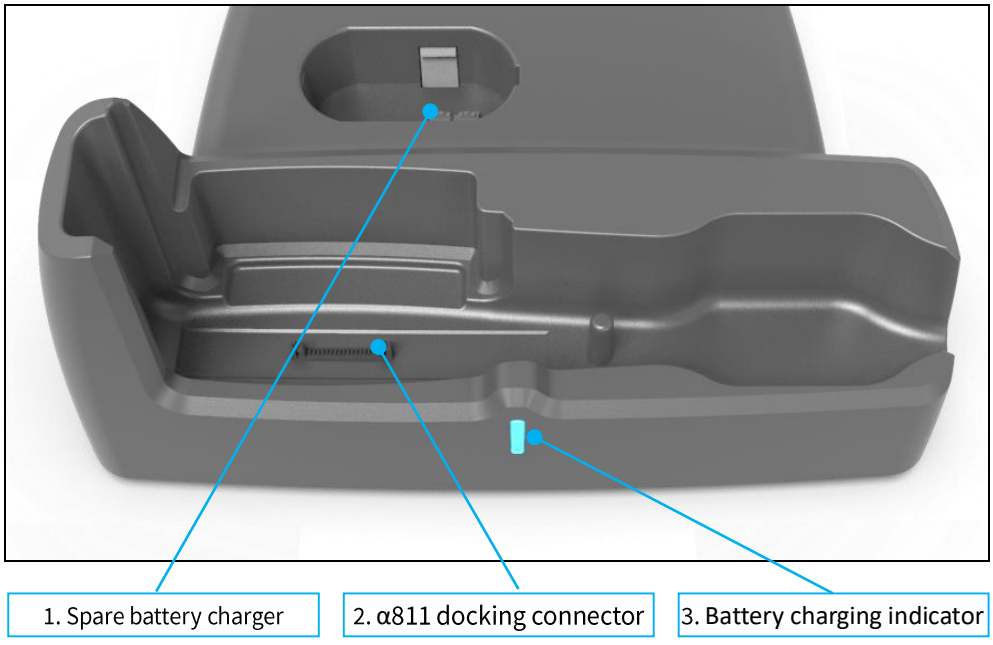


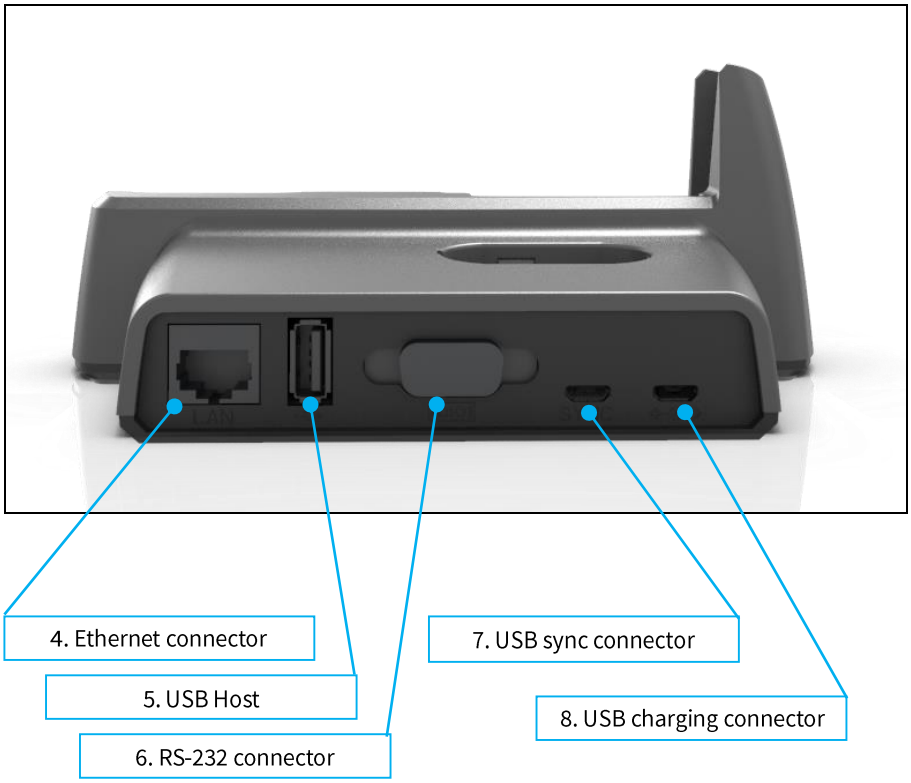
No.	Item	Description
1	Charging contacts	Allows the device to be charged.
2	USB connect	Allows the device to be connected to PC or other device.
3	Battery cover	Holds battery with locker

2.3 α811 Accessories

α811 provides optional items as below.

● Docking Cradle





No.	Item	Description
1	Spare battery charger	
2	α811 docking connector	
3	Spare battery charging indicator	
4	Ethernet connector	
5	USB Host	
6	RS-232 Connector	
7	USB sync connector	
8	USB charging connector	

● Leather Case

Leather cross bag Image front / Back

2.3.1 Button Functions

2.3.2 Physical buttons

Power key	· Long press this button for booting · In booting condition, long press this button pop-up shutdown options. · In booting condition, press this button to turn off the screen

Home key	· Press this button to return to the function interface from arbitrary interface.
FNC Key	·
SCAN Key	·
Reset Key	· When the device is crash, use the small objects to short press RESET button, device will force to shut down. · Suggest don't use the RESET button unless device unable to shut down normally. Otherwise, it will easy to damage the device system.

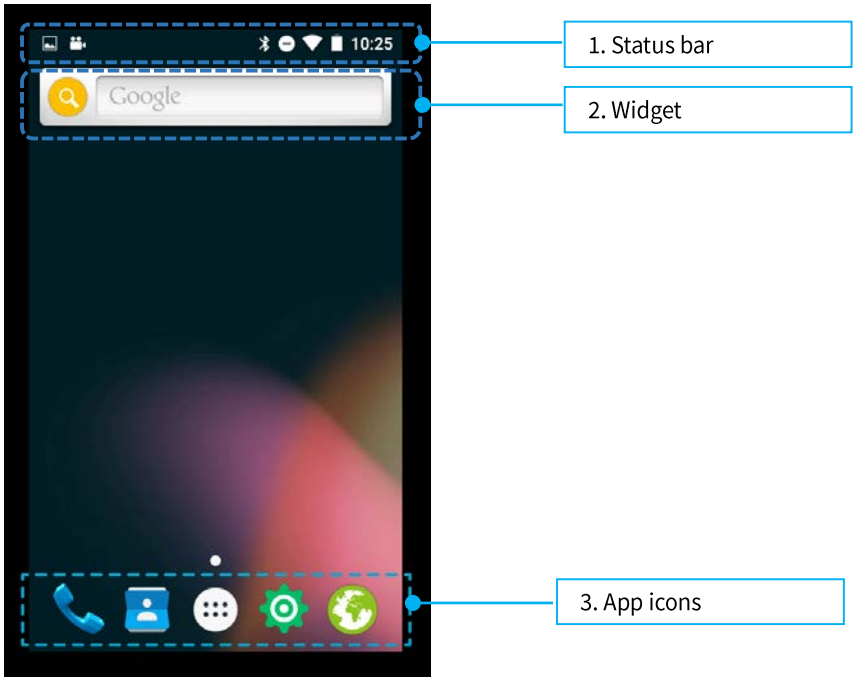
2.3.3 Software buttons

Key functions illustration:

	· Long press this button for booting · In booting condition, long press this button pop-up shutdown options. · In booting condition, press this button to turn off the screen
	· Press this button to return to the function interface from arbitrary interface.
	· When the device is crash, use the small objects to short press RESET button, device will force to shut down. · Suggest don't use the RESET button unless device unable to shut down normally. Otherwise, it will easy to damage the device system.

2.4 α811 Home Screen

The Home Screen displays when α811 turns on. It is the starting point of all apps and features. It displays icons, shortcuts, and widgets for apps.
Depending on the OS version, the Home Screen might appear different. Contact your local partner or visit our web site for more information.



α811 operation mode

There are several ways you can browse screen, menu and application, etc on the α811.

Click

When you want to use the screen keyboard for input, you can choose applications on the homepage as long as you click a project with finger.

Press

If you want to open an available option (such as the text box or web link) or move shortcut and main program menu on the homepage as long as you press the items.

Fast sliding or sliding

Fast sliding or sliding said in his fingers making rapid vertical or horizontal drag action.

Drag

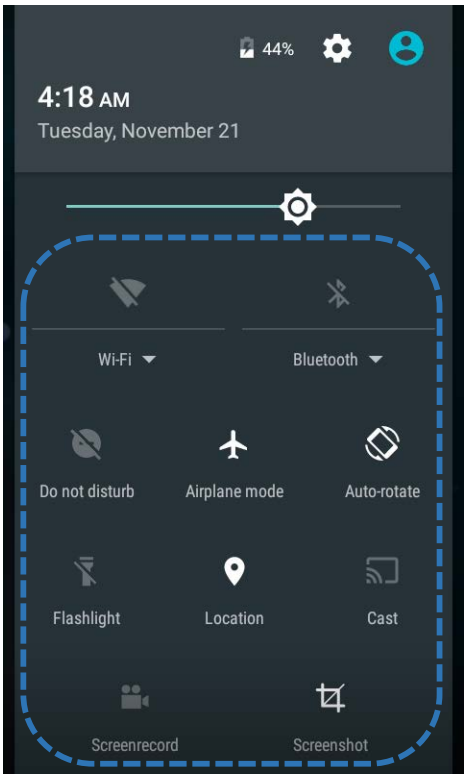
Before you start to drag, you must use your finger to press strongly on it for a short time. When dragging it to the position you want, you can loosen your finger.

Rotating

For most pictures, you can only turn to α811 then screen will translate from lateral direction to straight. Such as in the input text, watch movies, etc.

2.4.1 Quick Settings Panel

Access the most frequently used settings quickly with quick settings panel, turning them on or off in an instance.



1. Swipe down from the top of the screen at any time from any app and tap a quick setting button to turn it on or off

Icons on the Quick setting panel

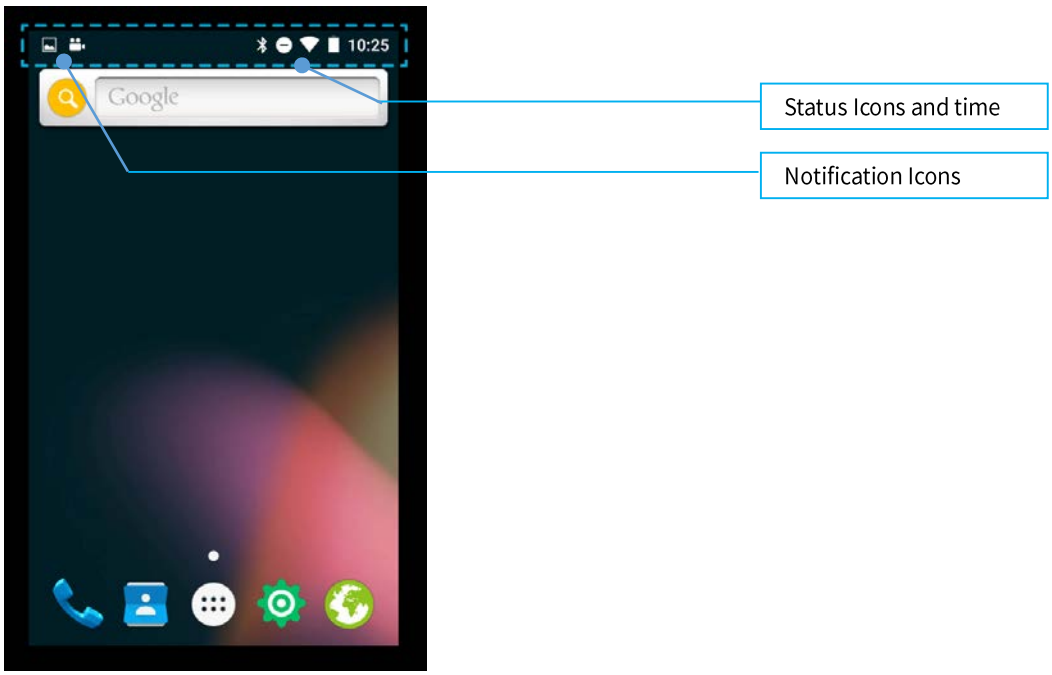
Icon	Description
	Setting
	Brightness adjustable button
	Wi-Fi on/off
	Bluetooth on/off
	Do not disturb Alarms only / Total silence / Do not disturb off
	Airplane mode on/off
	Auto-Rotate / Portrait
	Flashlight on/off
	Location (GPS) on/off
	Hot spot on/off

	Cast
	Screen record on/off
	Screen shot

2. Drag up from the bottom of the screen or tap the Back button twice.

2.4.2 Status Bar

The status bar appears at the top of the screen. It displays the status icons and the current time on the right, and the notification icons on the left.



2.4.3 Status Icons

The status icons in the status bar provides information about your t α811 status, such as Wi-Fi, Bluetooth connection, battery charge, GPS, data, alarm set, etc.

Icon	Description
	Indicates that Airplane mode is active—you cannot make any calls, and other wireless functions are disabled.
	Indicates that do not disturb mode is on. – only alarm is on.
	Indicates that do not disturb mode is on. – all sounds are turned off.

	Indicates that alarm is on
	Indicates that α 811 is connected to a Wi-Fi network.
	Indicates that α 811 turns on Wi-Fi function but no network available.
	Indicates that the battery is low.
	Indicates that the battery is charging.
	Indicates that the battery is fully charged.
	Indicates that Bluetooth is on.
	Indicates that α 811 is connected to hotspot.
	Indicates that GPS is on.
	Indicates that α 811 is set to vibrate
	Indicates that flashlight is on

2.4.4 Notification Icons

Notification icons in the status bar alert you to notifications, such as upcoming events, messaging, emails, missed calls, data usage, and much more.

Icon	Description
	Indicates that α 811 is Uploading.
	Indicates that α 811 is downloading.
	Indicates that Ethernet connection is on
	Indicates that flashlight is on.
	More notifications are here.
	Indicates that music is playing.

	Indicates that α 811 has received a new email.
	Indicates that Screen record is on.
	Indicates that a picture is taken.
	Indicates that USB connection is on α 811
	Indicates that Micro SD card inserted
	Indicates that you have missed calls
	Indicates that α 811 has received a new text

Notice panel

Notice icon implies new messages, the settled alarm clock, schedule, and SD card inserting etc. You can open the information panel to check specific information by slide down the panel.

Open notice panel

When new notice icons appear in notice bar, please hold notice bar and slide down to open notice panel.

Other than the icons described in the table above, there are various other notifications and status icons that are displayed on the status bar depending on the situation.
When the icons on the status bar are hidden, tap the status bar on the screen to display icons temporarily.
The appearance of icons may vary depending on your region or network service provider.

3 Getting Started

3.1 Setup

3.1.1 Installing Replacing a Micro SD card

There are two slots for a micro SD and a micro SIM card in the inner compartment on the back of your device.

A micro SD card is required for external storage. Up to 32G supported.

To insert the cards, the Card cover must be removed first by unscrewing it. Before installing a card, make sure you are using the correct slot.

To insert a micro SD card into the slot, pressing the lock with a card until clicking sound.

To remove a micro SD card from the slot, pressing the lock with a card until clicking sound and pull the card out.

3.1.2 Installing and Replacing a MicroSIM card

A micro SIM card is required for using mobile services.

To insert the cards, the Card cover must be removed first by unscrewing it. Before installing a card, make sure you are using the correct slot.

To insert a micro SIM card into the slot, pressing the lock with a card.

To remove a micro SIM card from the slot, pull the card out with your finger tip.

All cards should be purchased separately if necessary. The specifications may differ according to country where the device is purchased. Contact your sales representative for more information.

3.1.3 Installing and Replacing the Battery

α811 uses Lithium-ion rechargeable battery.

Slide the battery lock latch to the right (unlock side) and lift up the battery cover.

Insert the battery into the battery slot, make sure the gold contacts are aligned.

Place the cover and slide the lock latch to the left (lock side).

Image

When removing the battery cover, press the cover firmly and slide the latch unlock side, be careful not to damage your fingernail.

Before removing the battery, turn off the power. Failure to do so it may cause damage to the device. Do not add or remove micro SD card during battery replacement.

3.1.4 Charging the Battery

To charge α 811 uses USB cable or a docking cradle with the appropriate power supply. You can also charge the battery by connecting it to computer with USB cable.

Before using the α811 for the first time, charge the battery until the green Charging/Notification light emitting diode (LED) remains lit.

3.1.5 Charging Indicators

α811 provides battery status information thru LED indicator on it and on the docking cradle.

When the battery is low, LED on the device and docking cradle is

When the battery is charging, LED on the device and docking cradle is red.

When the battery is fully charged, LED on the device and docking cradle is green.

α811 also provides battery charging status information on the screen by different condition.

When α811 is turned off, battery charging icon is on the screen and charging percentage appears by pressing power button

When α811 is turned on, battery charging message is on the screen and battery status icon with battery level by percentage is on the status bar.

3.1.6 Battery Management

To check the charge status of the battery, touch to open settings and scroll down the screen to find Battery section.

Battery status indicates that the battery is discharging and **Battery level** lists the battery charge (as a percentage of fully charged). The battery percentage can also be viewed next to the battery icon on the status bar.

Monitor Battery Usage

The **Battery** screen lists which applications consume the most battery power. Also use it to turn off applications that were downloaded if they are consuming too much power.

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch .
2. Scroll down and touch **Battery**.

Battery Optimization

Observe the following battery saving tips:

1. Set the screen to turn off after a short period of non-use. See *Setting Screen Timeout Setting on page 1-15*.
2. Reduce screen brightness. See *Setting the Screen Brightness on page 1-14*.
3. Turn off all wireless radios when not in use.
4. Turn off automatic syncing for Email, Calendar, Contacts and other applications.
5. Minimize use of applications that keep the α811 from suspending, for example, music and video applications.

To turn off all the radios:

1. Swipe down with a finger from the status bar to open the quick settings panel.
2. Touch **Airplane mode.** The airplane icon appears in the Status bar indicating that all the radios are off.

3.1.7 Boot and Shut down

Slide the battery lock latch to the right

Boot

After long pressing for 2 seconds on the power button, you can see the booting animation of reading RFID tags on the conveyor.

The system access into screen locking status after opening, please press the Power On/Off button to refresh, and slide up the unlock icon on the screen.

To turn the screen on or off, press the Power button.

Do not turn off the device by removing the battery, as this may damage the device.

Power off / Reboot

1. Long press the **power On/Off** button, then "Power off and Reboot" options pop up.
2. Click **Power off** to turn off.
3. Click **Reboot** to reboot.
4. Click other area to **Cancel**.

Reset

Press the reset button to reset the device. It will clear the all data, please be careful with the function.

It will clear the all data, please be careful with the function.

3.2 General Settings

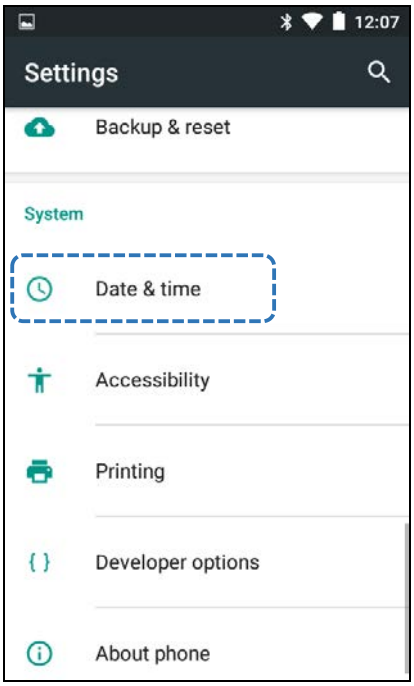
This chapter provide information for General Settings to use α811 for the first time. For more specific information about settings, see Chapter 7 Settings on page 25-28

3.2.1 Setting the date and time

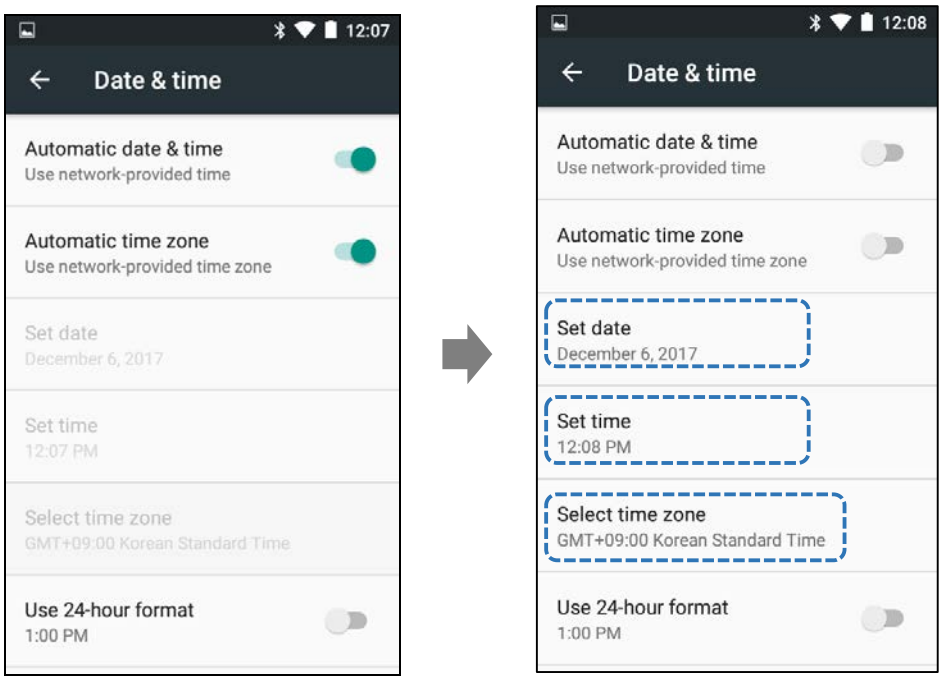
The date and time is automatically set based on the network you are connected to. The user is only reuqired to set the time zone or set the date and the time when no connection with net wor or if the wirless LAN does not supported.

To set the date and time Manually

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch .
2. Scroll down the screen and touch **Date & time.**

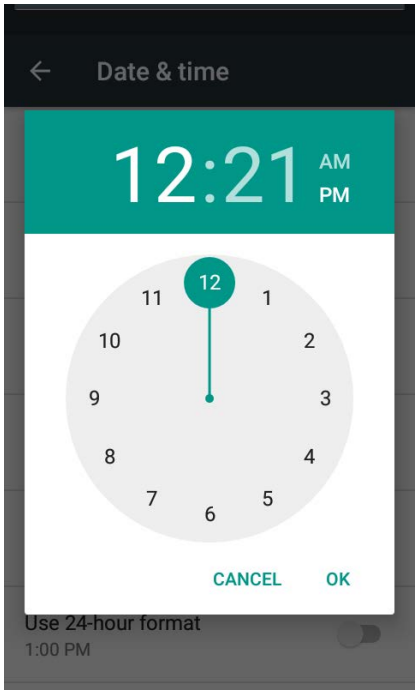


3. By default, **Automatic date & time** and **Automatic time zone** are enabled as below image. Touch **Automatic date & time** and **Automatic time zone** to disable automatic date and time synchronization for manual setting.

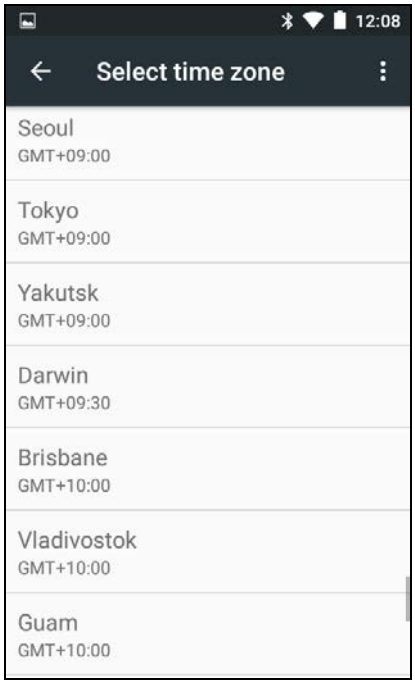


4. Touch **Set date** and select the month, year and date, then touch **OK.**

5. Touch **Set time** and select hour and minutes and part of the day, then touch **OK**.



6. Touch **Select time zone** and select the current time zone from the list.



3.2.2 Display setting

Use Display settings to change the screen birhgtness, change the backgorund image, enable screen roation, set sleep time and change font size.

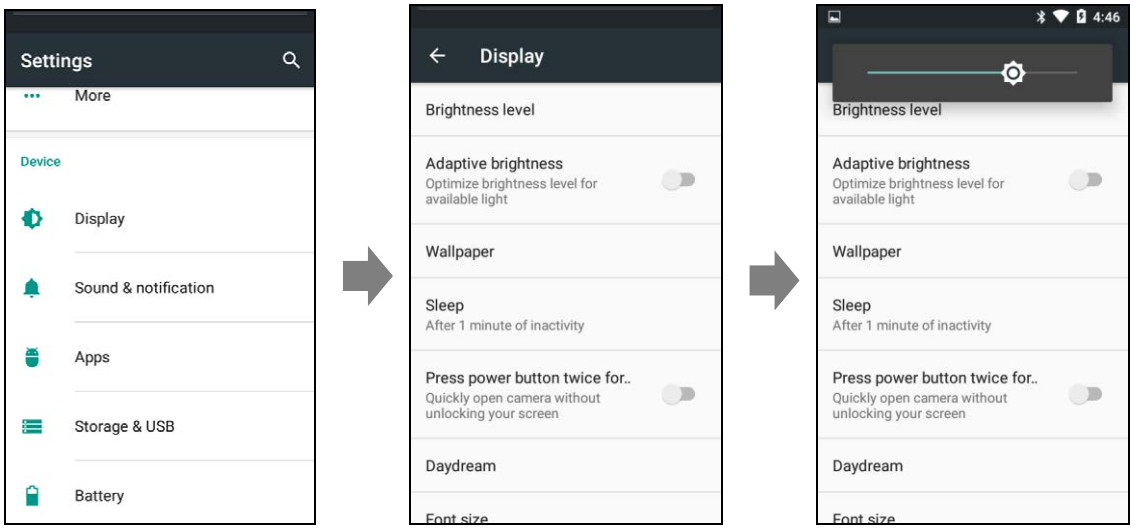
Setting the Screen Brightness

To manually set the screen bightness:

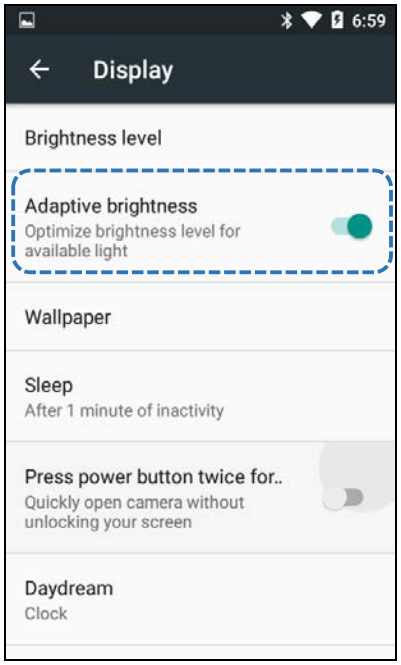
1. Swipe down with a finger from the status bar to open the quick settings panel.

Adjust Brightness level bar.

2. You can open display setting by touching from home screen.



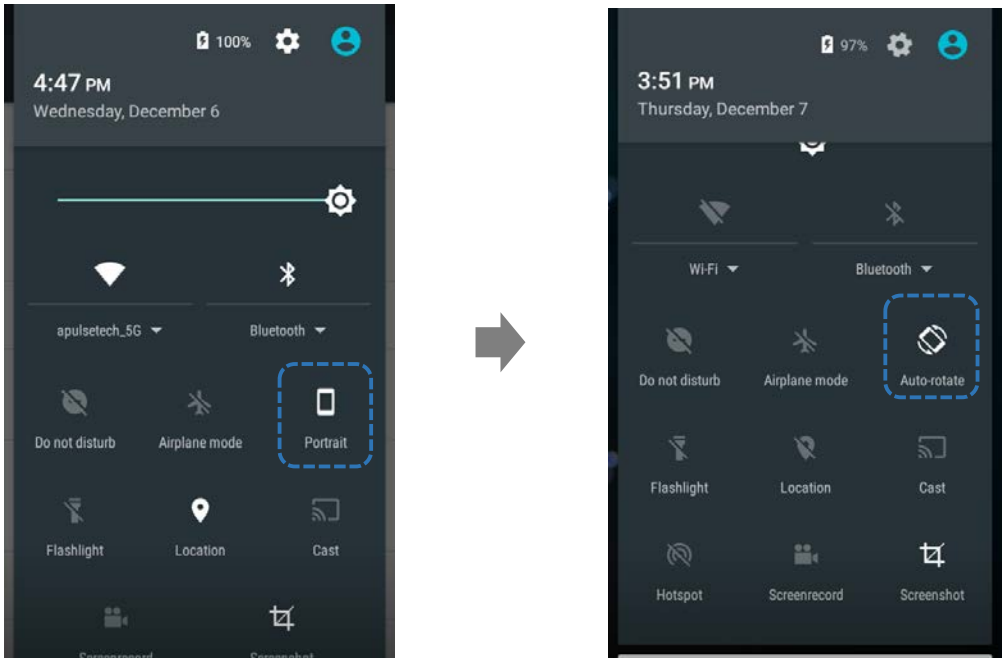
To let α811 automatically adjust the screen brightness, set **Adaptive brightness** enabled. By default, this function is enabled.



Setting Screen Rotation

By default, screen rotation is disabled as **Portrait**. To enable screen rotation :

1. Swipe down with a finger from the status bar to open the quick settings panel.
2. Touch Portrait to change into Rotation mode.

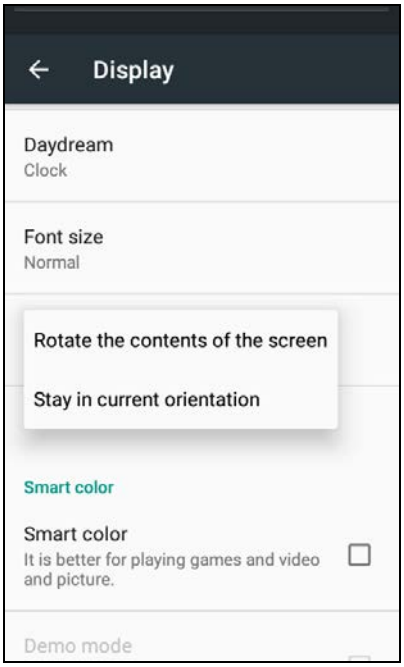


3. You can set this option from Display setting. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch .
4. Touch **Display** and **When device is rotated**.
5. You can see **Rotate the contents of the screen** and **Stay in current orientation** options , select what

you need to set.

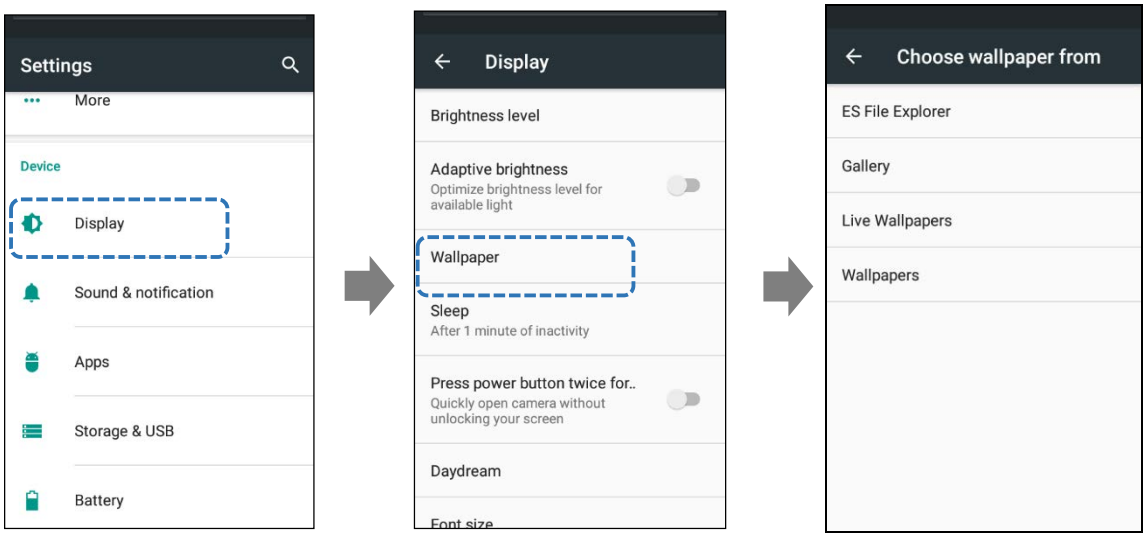
Rotate the contents of the screen -> Auto-rotate

Stay in current orientation-> Portrait



Setting Wallpaper

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch and Touch **Display** then **Wallpaper**.

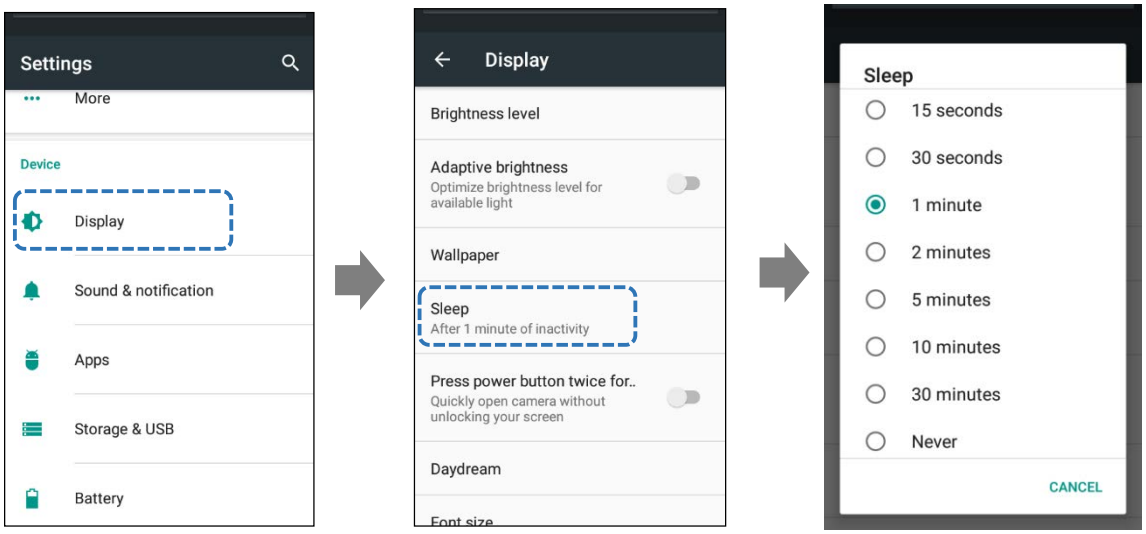


2. Select wallpaper image from folders.

Setting Screen Time out Setting

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and

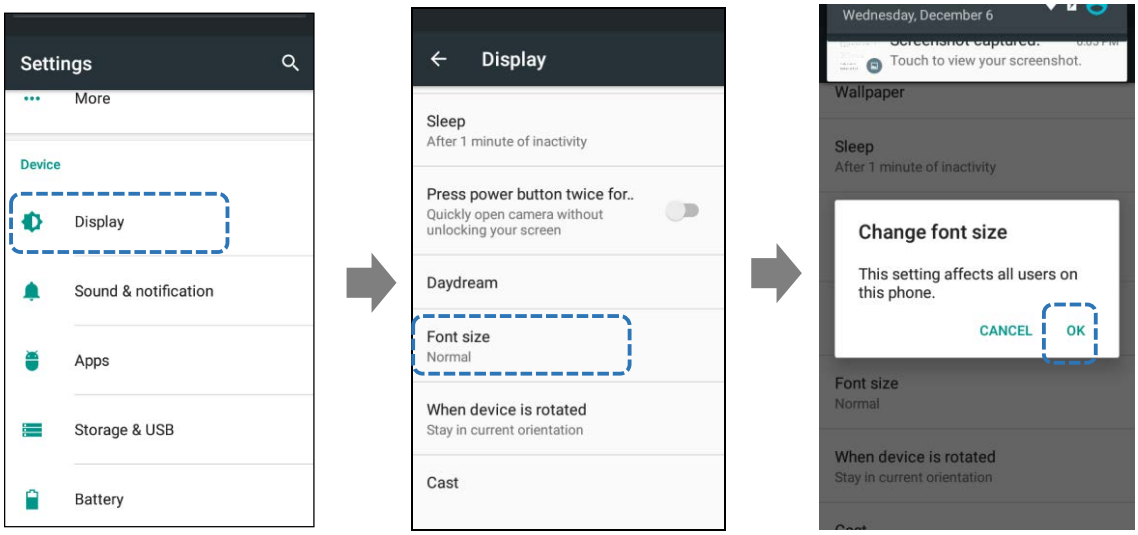
then touch and Touch **Display** then **Sleep**.



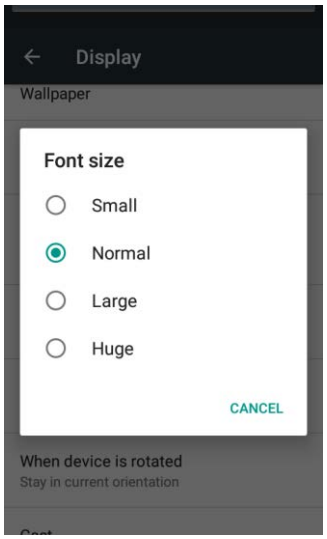
2. Select sleep time from the list.

Setting Font Size

1. By defualt, Font size is normal, to change the size, touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch and Touch Display.
2. Scroll down the screen and touch **Font size** and read caution message and touch **OK**.

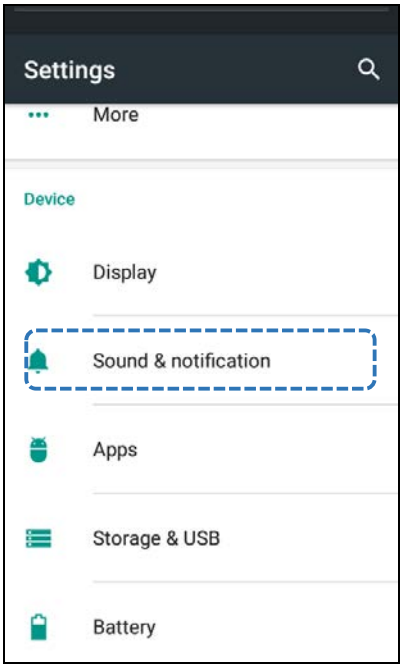


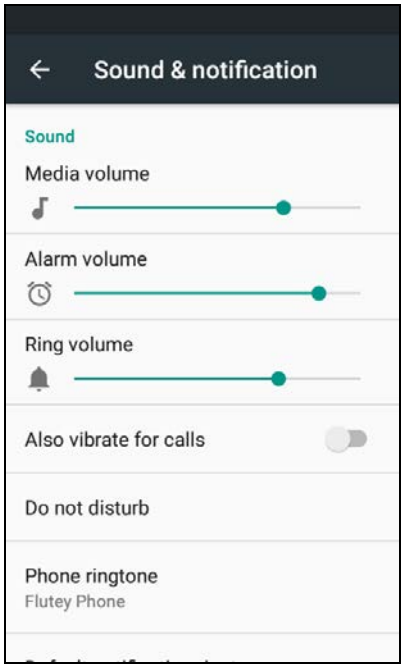
3. Select font size and touch from the list, then the setting is done.



3.2.3 Sound setting

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch to see setting menu.
2. Touch **Sound & notification**





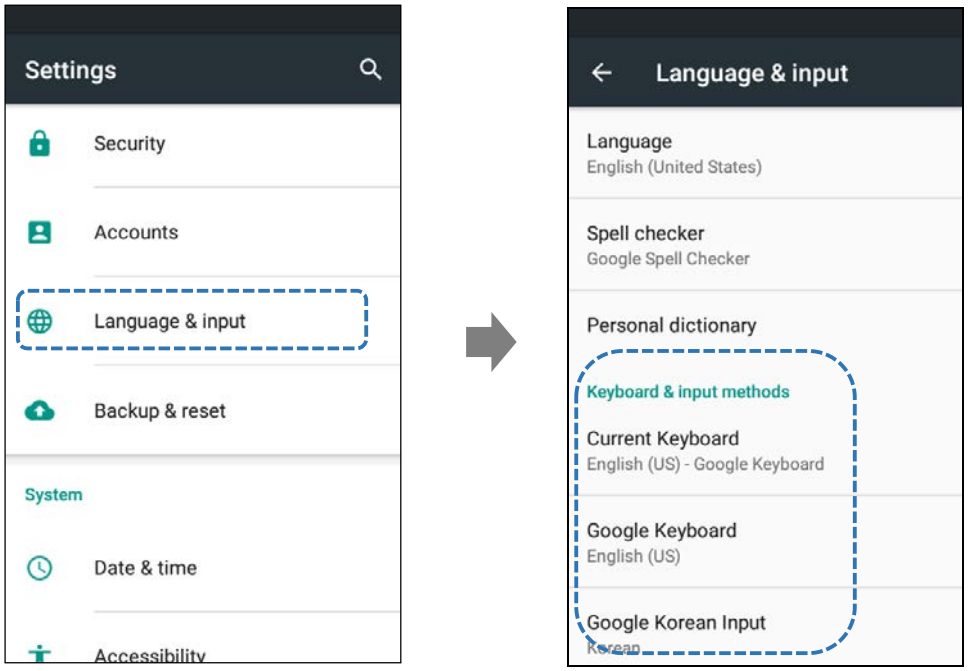
Volume controls

1. Media volume – Controls the music games and media volume.
2. Alarm volume – Controls the alram clock volume
3. Ring volume – Controls the ringtone volume.

4. Also vibrate for calls – Touch the button to activate vibration for incoming calls.
5. Do not disturb – Controls sound activation per each function

3.2.4 Using Keyboard

1. Touch or Swipe down with a finger from the status bar to open the quick settings panel and then touch to see setting menu.
2. Touch **Language & Input**



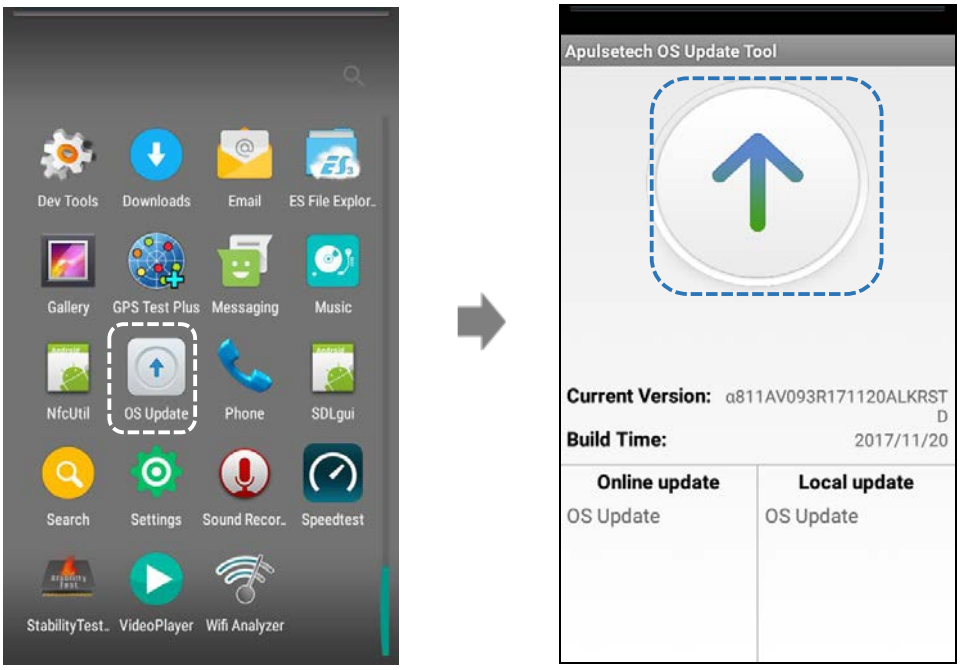
3.2.5 Firmware Update

α 811 is provided with most recently released firmware however if it's necessary to update the firmware, you can use **OS update** app tool which provided as default app.

Backup all the data and information from your device before OS update. Your data, such as ringtones, texts, and voice messages, may be erased during the update.

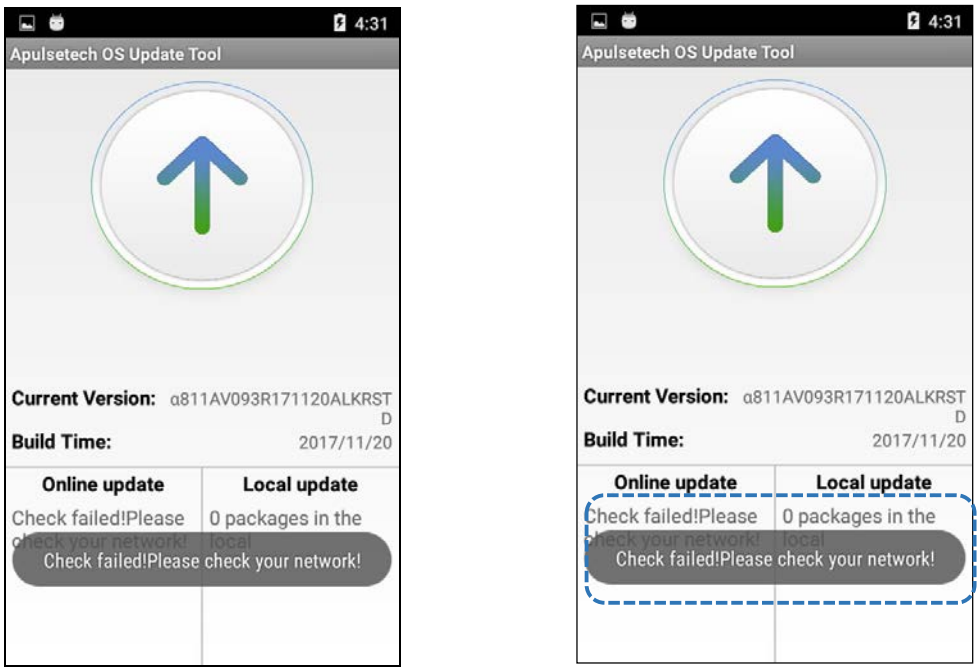
Check the battery fully charged or at least 90% charged before update, low battery may cause improper update or device malfunction.

1. Touch Run **OS update** app and touch Arrow in circle. You can check the firmware version and date which currently build in the device.

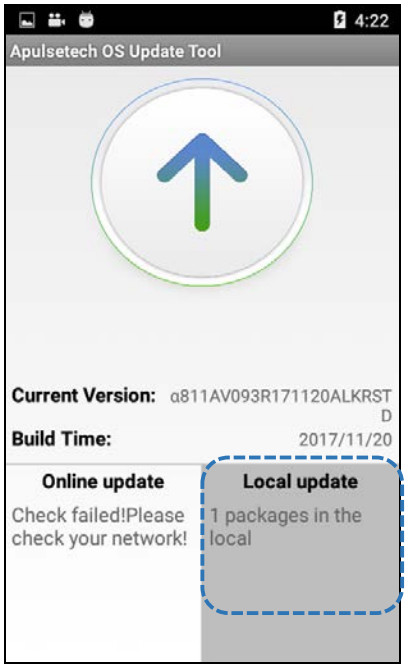


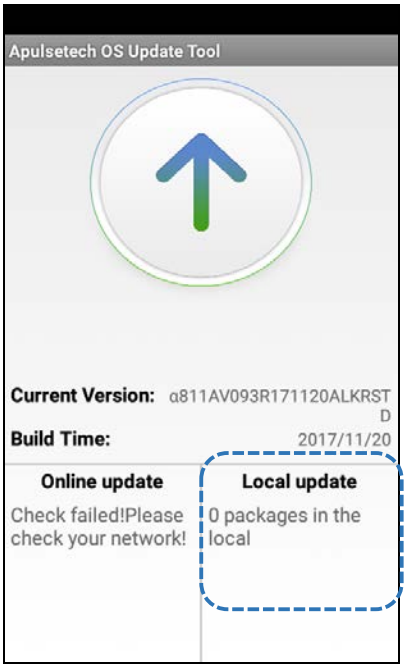
2. You can select Online update between Local update. OS update app will automatically scan and search availability of Online update and Local update.

   If Online update is available message will be on the screen, if it's not **"Check failed! Please check your network"** message will be on it.

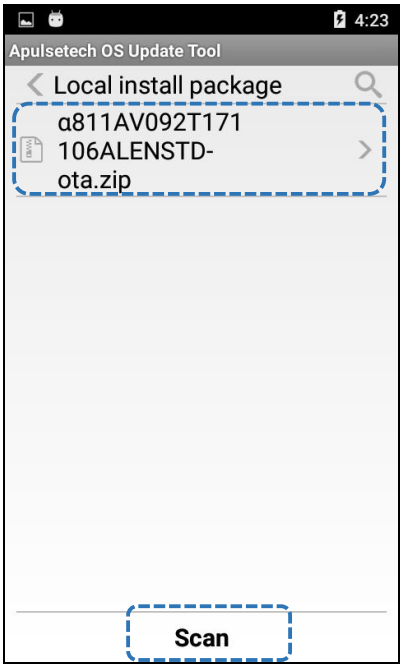


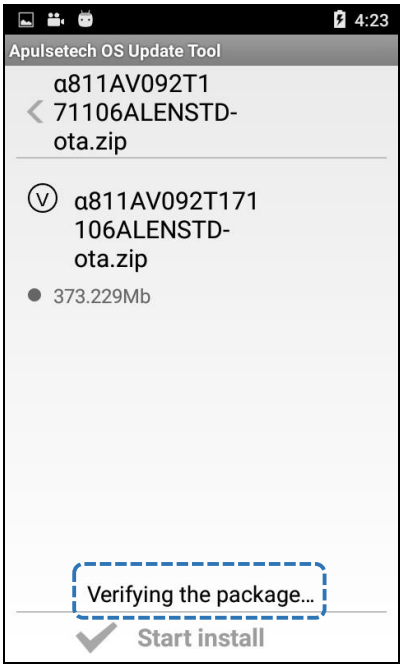
If Local update available, **“1 packages in the local”** message will be on the screen if it’s not, **“0 packages in the local”** on it.



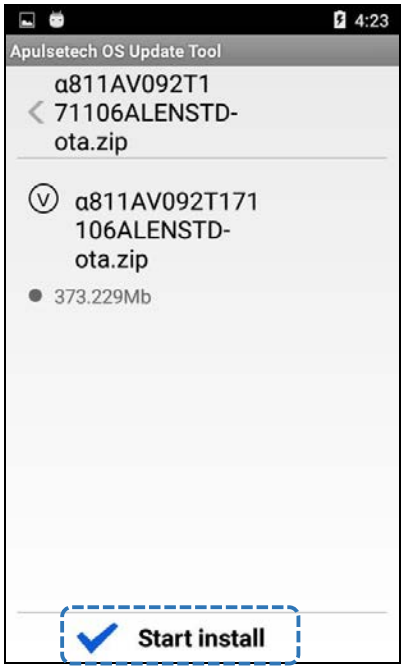


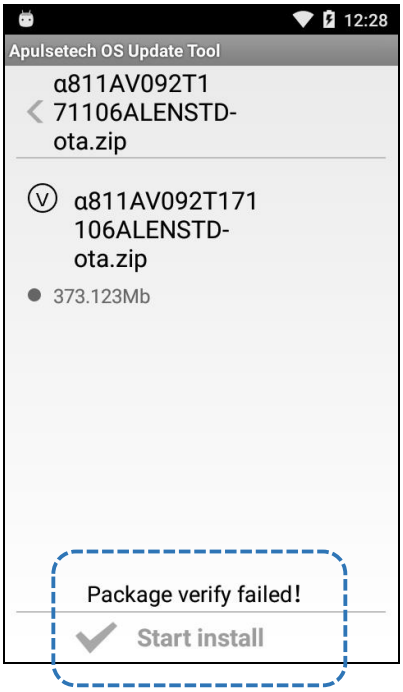
3. Select **Online update** or **Local update**. Touch the firmware file or Scan button to verify the package.



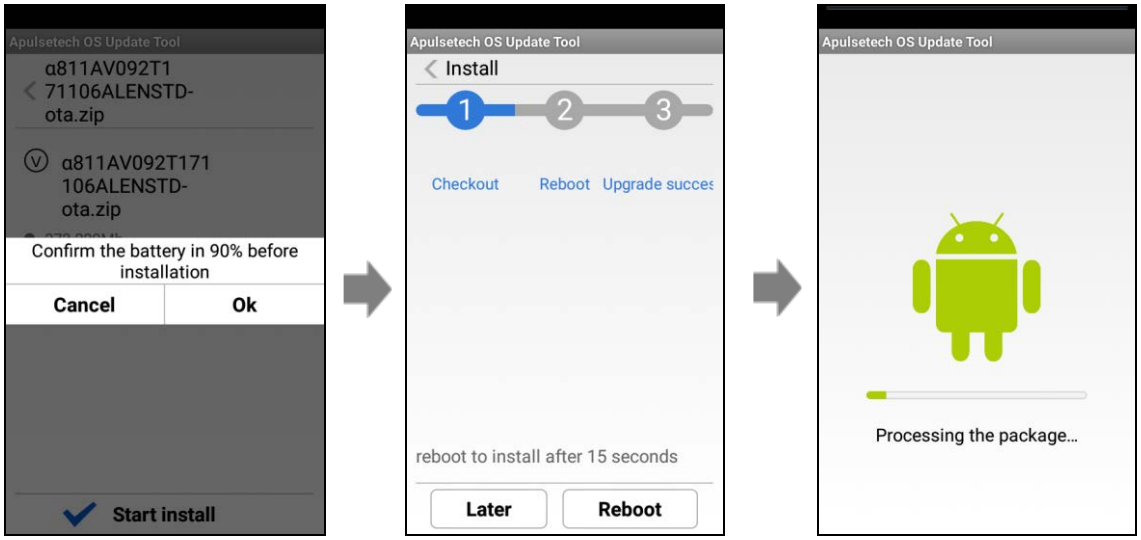


4. Once the package verification succeeded, Start install button will be activated, if it's failed, the button will stay in Grey as below images. In this case, check the package file in local area, try copy and paste proper one.

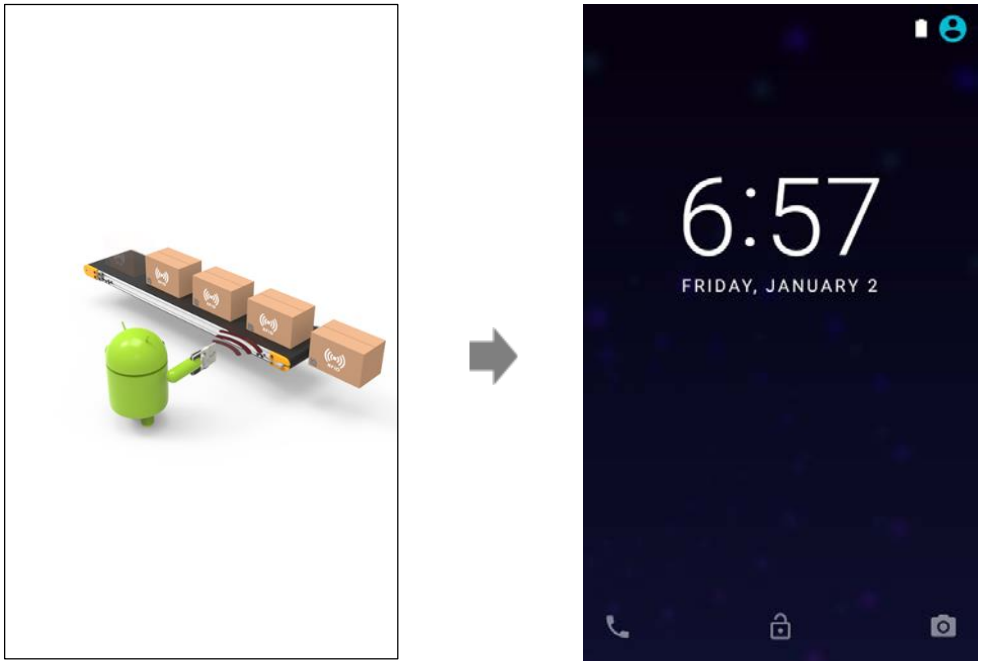




5. Touch **Start install** button and you can see Caution message for battery capacity, touch **Ok** button when ready otherwise charge the battery fully and start over.
6. There is 15 seconds to automatic reboot, touch **Reboot** button to instant reboot action or touch **Later** button to go back.
   After 15 seconds or touching Reboot button, Package installation is processing.



7. Device reboots automatically once the package updated



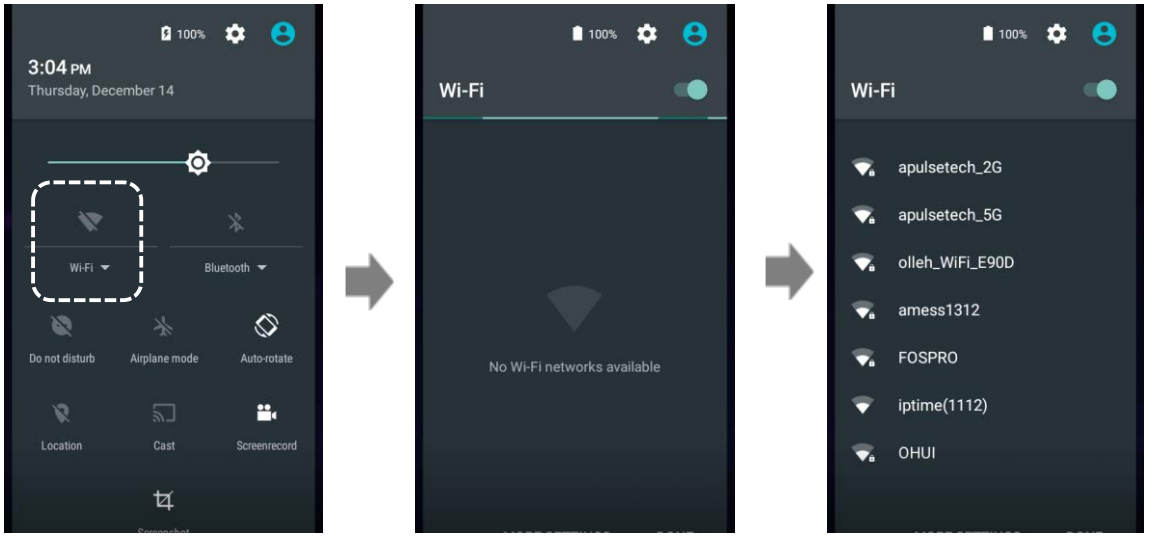
3.3 Connectivity

3.3.1 Wi-Fi

Connecting to Wi-Fi network is very easy by using Quick settings pannel.

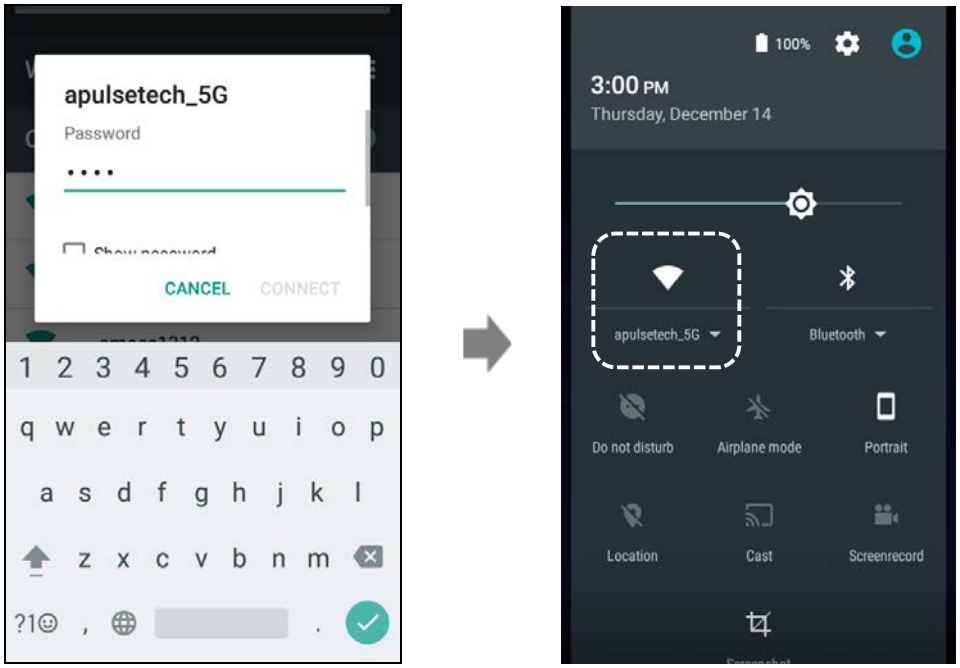
1. Swipe down with a finger from the status bar to open the quick settings panel.
2. Touch Wi-Fi icon to turn the function on and touch Wi-Fi ▼, device will search available network.

   Or just touch and Wi-Fi menu from Settings, then you will see the last image.



3. Tap the network you want to join.
4. If necessary, enter the password for the network and tap Connect.

If there's available Wi-Fi connection which connected earlier before, it will be automatically connected and you don't need to search available network, just turn on the function.



To close the connection, switch the Wi-Fi icon to OFF.

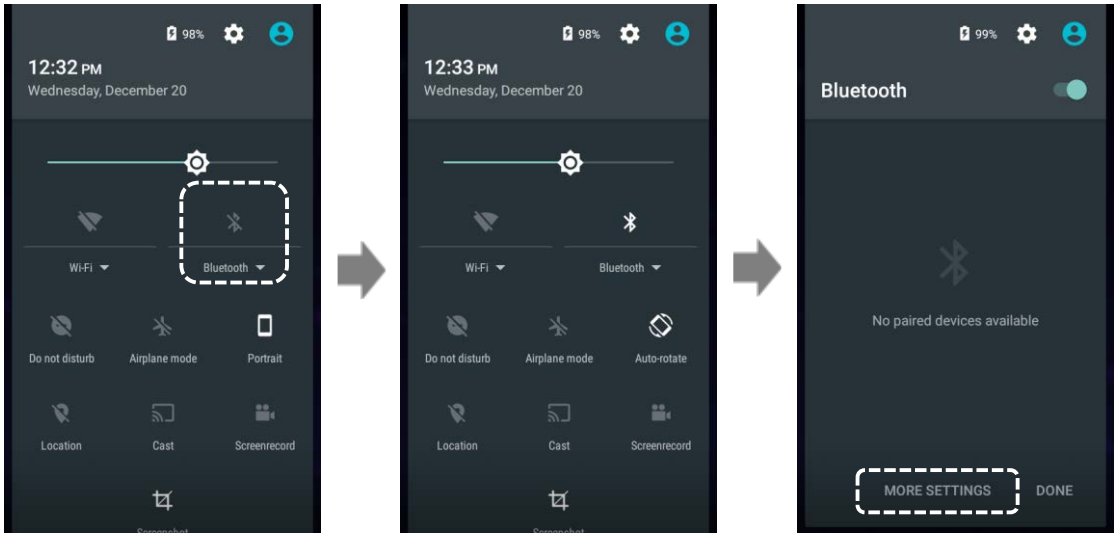
To save battery life, switch off the Wi-Fi connection if no use

3.3.2 Bluetooth

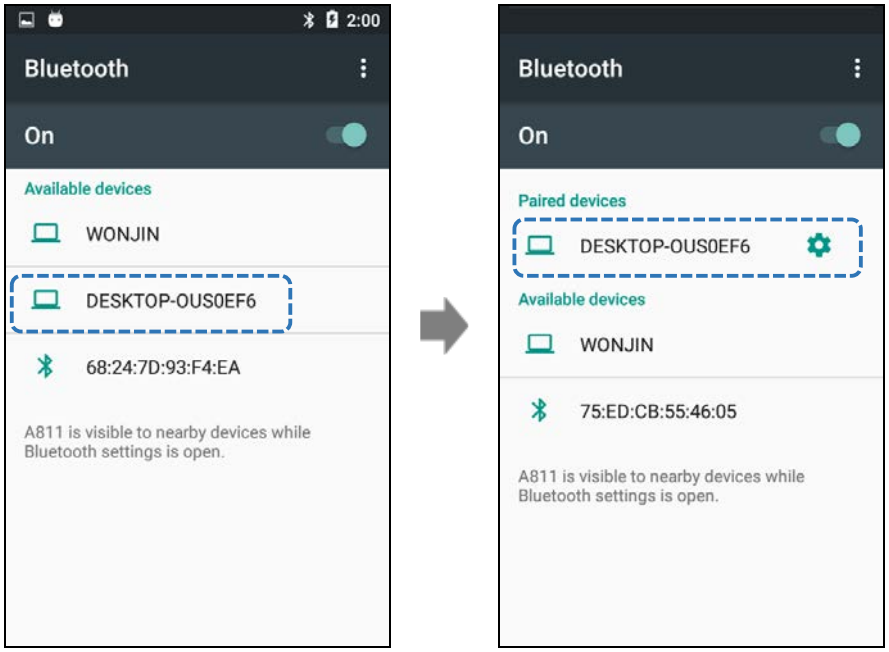
Connecting to Blutooth compatible devices is also easy by using Quick settings pannel.

1. Swipe down with a finger from the status bar to open the quick settings panel.
2. Touch Bluetooth icon to turn the function on and touch Bluetooth ▼, you can see a list of paired devices or search available devices by touch **"More Settings"**.

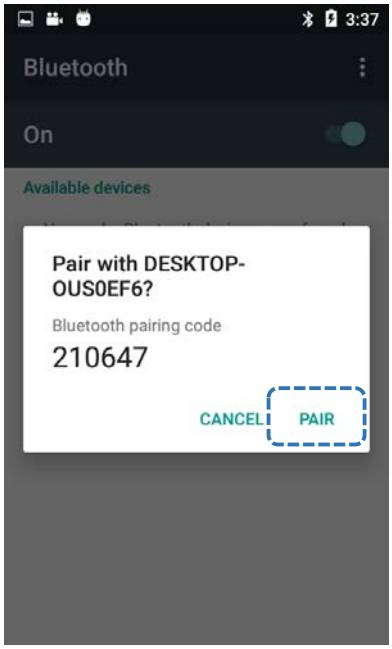
Paired devices can be connected to your device when Bluetooth turns on.
Other devices can detect your device only if the Bluetooth setting view is open.



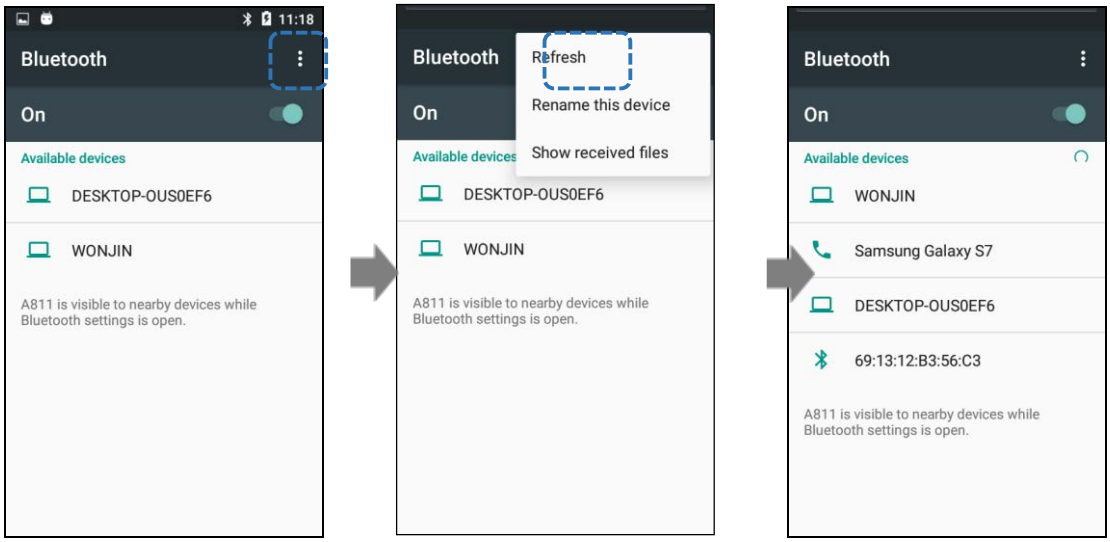
3. Or just touch and Bluetooth menu from Settings and turn on, then you will see the available devices.
4. Select the device you want to pair with.



5. Type or confirm the PIN, and touch **PAIR**, if required.



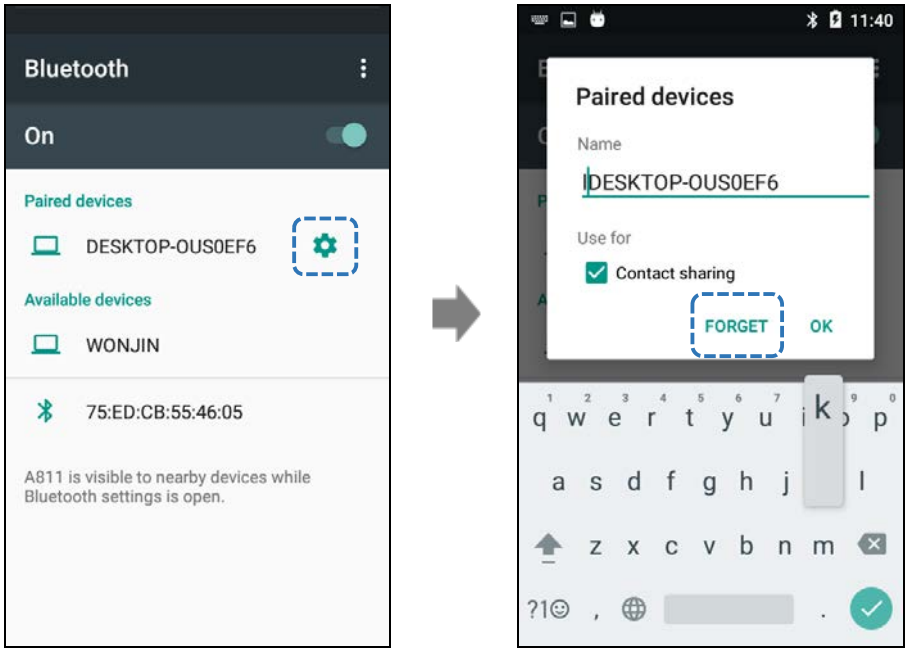
If there's no device you want to pair with on the list, tap ⋮ and touch Refresh to search available devices again.



You may need to start the pairing process from the headset.
For details, see your headset user guide.

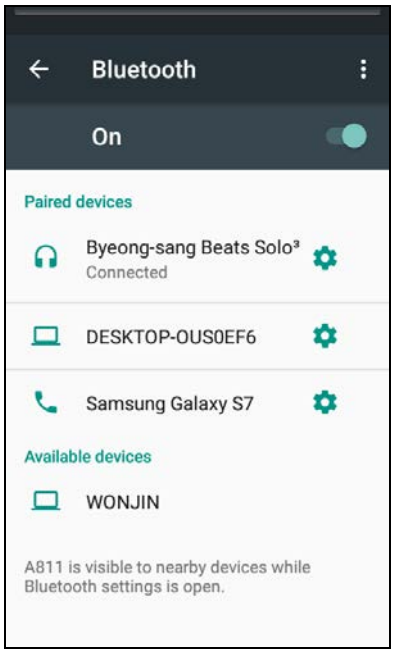
To uppair a Bluetooth device.

1. From Quick settings panel, touch Bluetooth ▼ and **MORE SETTINGS** or touch and Bluetooth menu from Settings
2. Touch Icon right of paired device name, and tap **FORGET**.

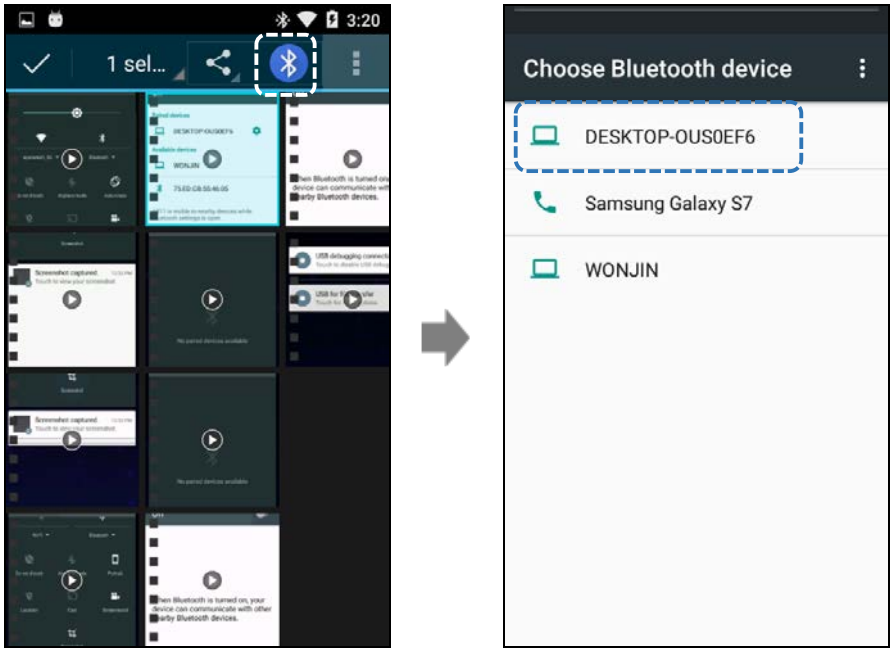


To send contents via Bluetooth.

By Bluetooth function, you can share photos or other contents with Bluetooth-compatible devices or PC. Bluetooth connection can be made more than one at a time. You can share contents with mutiple paired devices via Bluetooth.



1. Select a content you want to share then tap and On the Bluetooth devices list, tap the device you want to share with.



You need to accept the file transfer in the paired device.

3.3.3 USB Connection with PC

Connect α811 device with computer for synchronizing data, then you can control the device such as installation, copy, movement and deletion of files and application.

1. Swipe down with a finger from the status bar to open the quick settings panel.

4 Applications

To open application lists, touch from home screen.

4.1 Installing & Uninstalling Apps

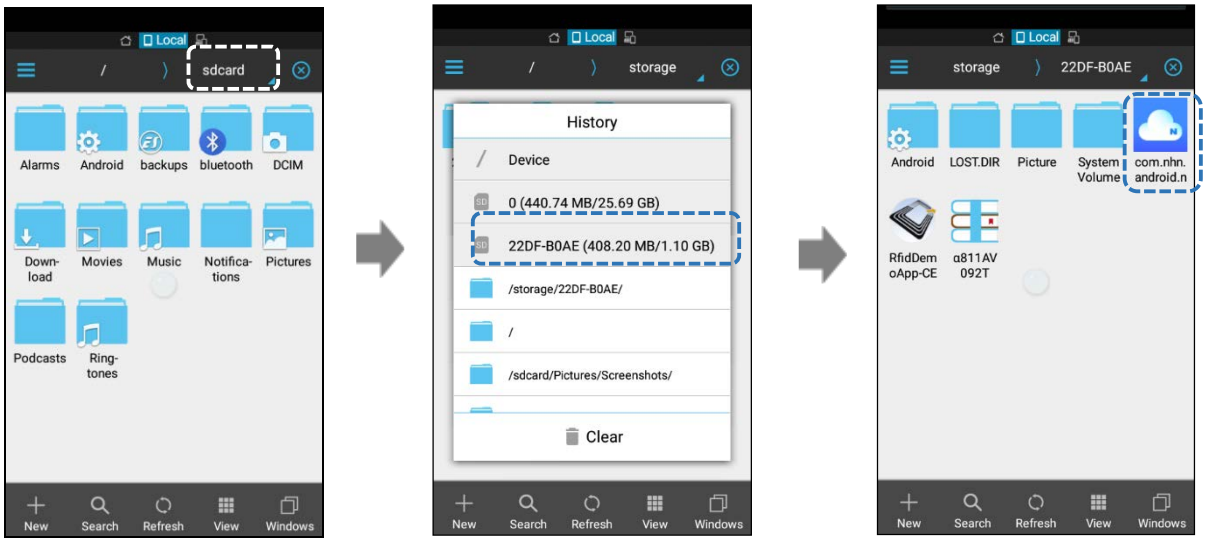
You can install and uninstall Apps by using Micro SD card or direct connection to PC.

There's no Google play function in α811 device. If user want to install Apps, download apk file from computer and install the file by using Micro SD card or direct PC connection.

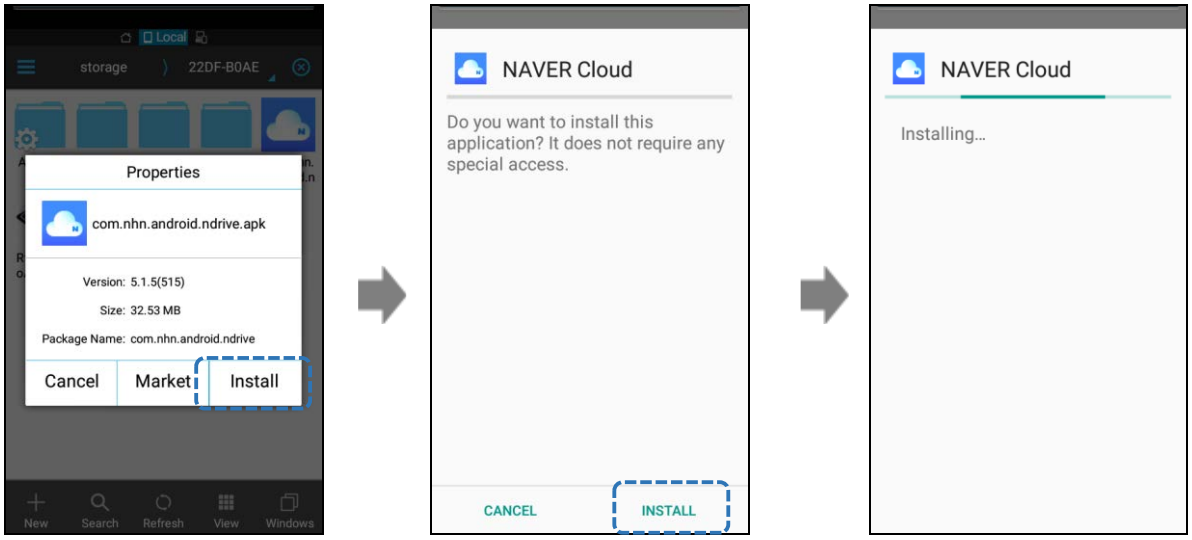
Installing Apps.

1. By Micro SD card
   1) Download apk file you want to install from PC.
   2) Copy and paste the file into Micro SD card.
   3) Insert Micro SD card into the slot of α811 device.
   4) Run **ES File Explore** app and tap **SD card**, then tap apk file you want to install. (ex. NHN

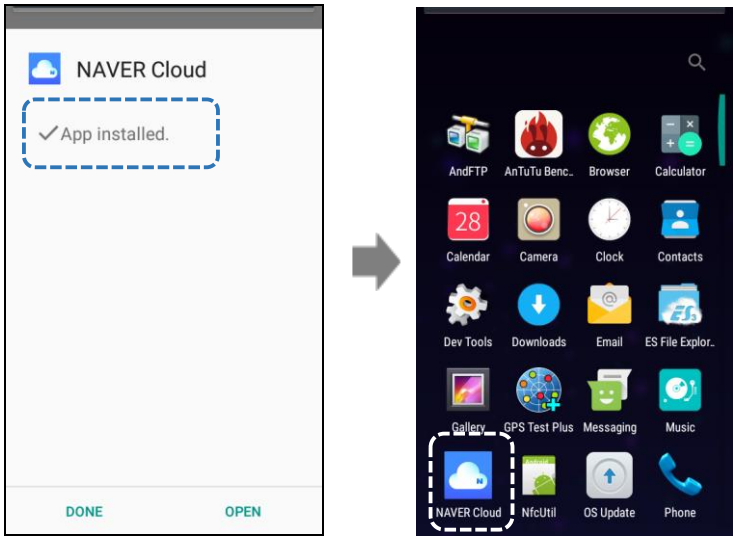
android cloud app apk)



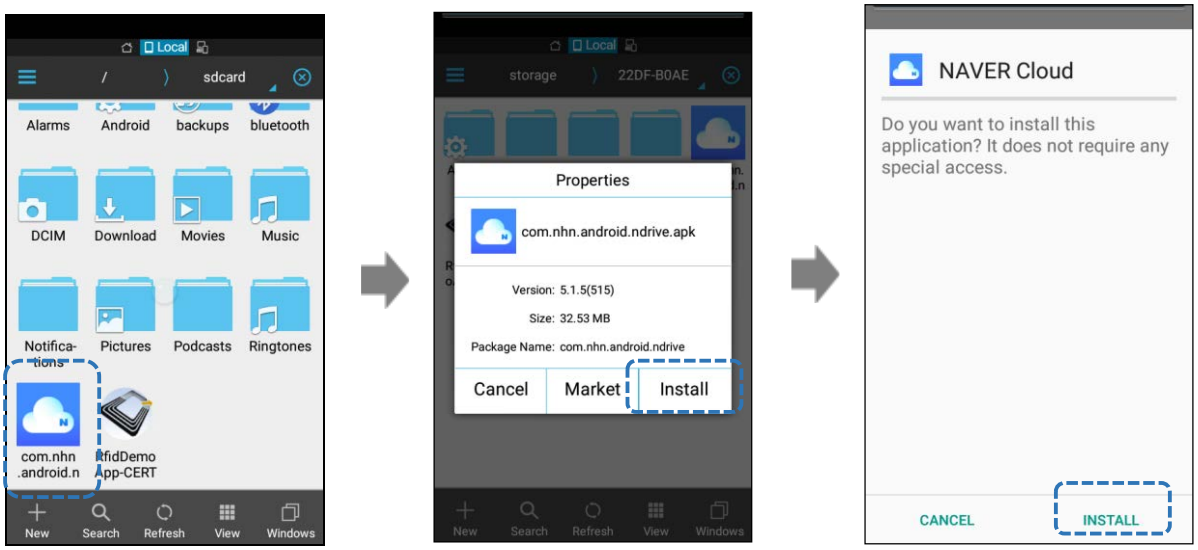
5) Tap install, then read the caution message (if there is with other apps) and tap INSTALL.



6) Once the installation is done, **App installed** message appears. You can see app icon from the application screen.

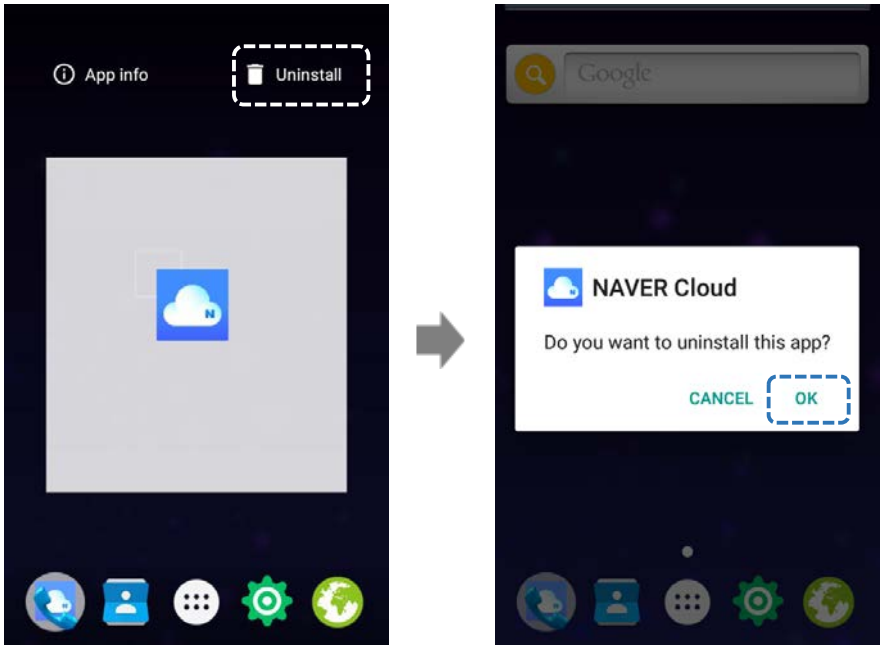


2. By direct PC connection
   1) Download apk file you want to install from PC.
   2) Make a USB connection between α811 device and PC.
   3) Copy and paste the file into Root or a folder you may want to place of α811 device.
   4) Run **ES File Explore** app and tap apk file you want to install. (ex. NHN android cloud app apk), the rest of sequence is the same as above.



Uninstalling Apps.

1. On the App screen, tap and hold the App you want to uninstall, you can see menus on the top of the screen.
2. Drag the app to **Uninstall** menu and release it.
3. You can see **Do you want to uninstall this app?** message and tap **OK**.

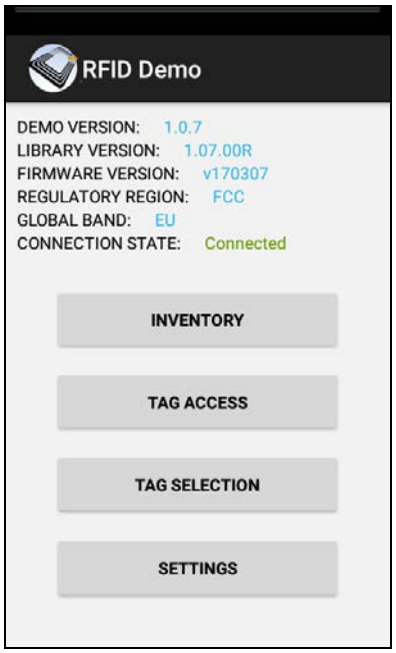


4.2 Demo Apps

α811 provides Demon Apps for function test and customer application development.
Demo Apps may update or change without any notice.
For latest demo apps or support, please contact your regional partner or visit our website.
www.apulsetech.com

4.2.1 UHF RFID Demo

With UHF RFID Demo app, you can test UHF function on α811 fully.



4.2.2 Barcode Emulator

4.2.3 GPS Test Plus

4.2.4 NFC Utill

4.2.5 Self-Diagnosis

4.3Default Apps

4.3.1 Browser
4.3.2 Calculator
4.3.3 Calendar
4.3.4 Camera
4.3.5 Clock
4.3.6 Contacts
4.3.7 Downloads
4.3.8 Email
4.3.9 ES File Expore
4.3.10 Gallery
4.3.11 Music
4.3.12 OS update
4.3.13 Phone
4.3.14 Settings
4.3.15 Sound Recorder
4.3.16 VideoPlayer

Overview of default Apps

Icon.	Name	Description
	Browser	Use browsing the internet. For more information, refer to Browser on page
	Calculator	Use for mathematical calculations. For more information, refer to Calculator on page 96
	Calendar	Use to create, view, and manage events. For more information, refer to Calendar on page 90.
	Camera	Use to take photos or record videos. For more information, refer to Snapdragon Camera on page 86.
	Clock	Use to set an alarm, view current times around the world, and use a timer or a stopwatch. For more information, refer to Clock on page 92.

	Contacts	Use to add, view, and edit your contacts. For more information, refer to Contacts on page 83.
	Downloads	Use to view all downloaded files. For more information, refer to Downloads on page 96.
	Email	Use to send or view emails. For more information, refer to Email on page 85.
	ES File Explore	Use to organize and manage your files. For more information, refer to ES File Explore on page 96.
	Gallery	Use to check images taken by camera or up and downloaded. For more information, refer to Gallery on page 96.
	Music	Use to play music. For more information, refer to Music on page 74.
	OS Update	Use to update your device. For more information, refer to OS Update on page 74.
	Phone	Use to make phone calls. For more information, refer to Phone on page 74.
	Settings	Use to configure your device. For more information, refer to Settings on page 113.
	Sound Recorder	Use to record sound. For more information, refer to Sound Recorder on page 113.
	Video Player	Use to play movies. For more information, refer to Sound Recorder on page 113.

5 Wireless

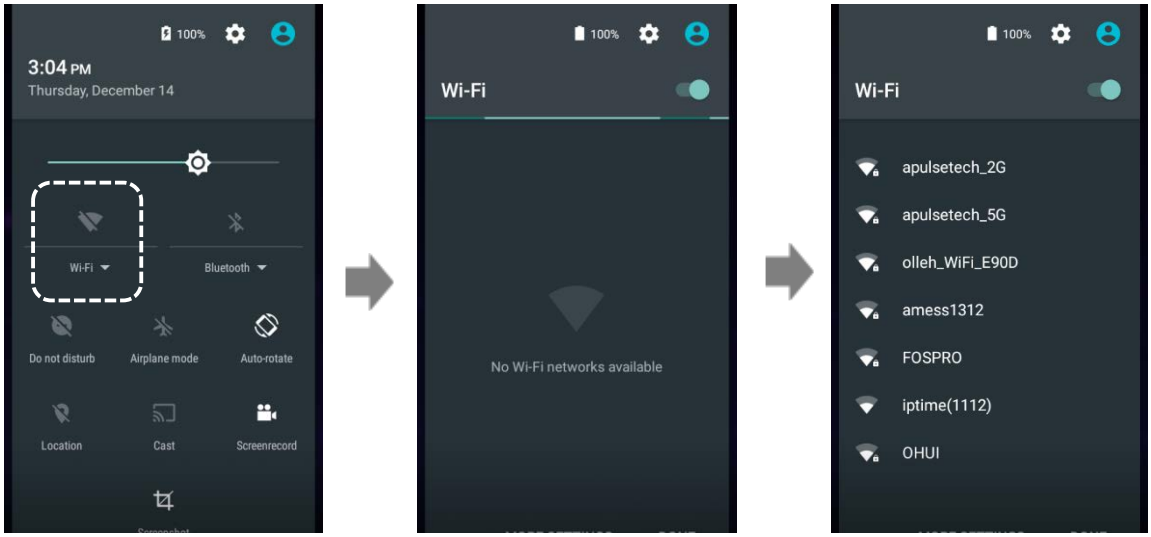
5.1Local Area Networks

Scan and Connect to a Wi-Fi Network

Connecting to Wi-Fi network is very easy by using Quick settings pannel.

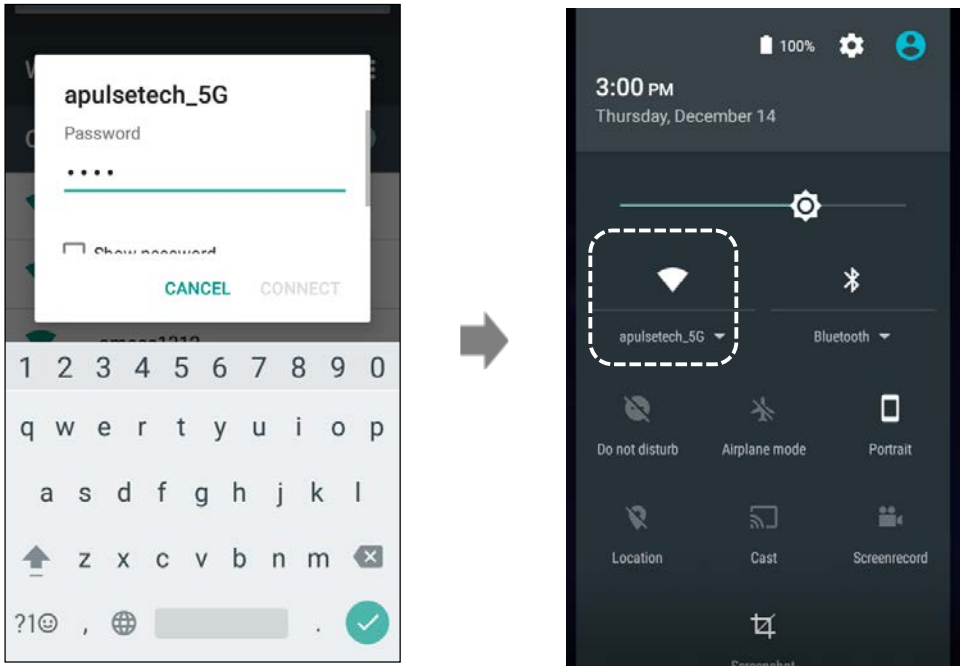
1. Swipe down with a finger from the status bar to open the quick settings panel.
2. Touch Wi-Fi icon to turn the function on and touch Wi-Fi ▼, device will search available network.

   Or just touch and Wi-Fi menu from Settings, then you will see the last image.



3. Tap the network you want to join.
4. If necessary, enter the password for the network and tap Connect.

If there's available Wi-Fi connection which connected earlier before, it will be automatically connected and you don't need to search available network, just turn on the function.



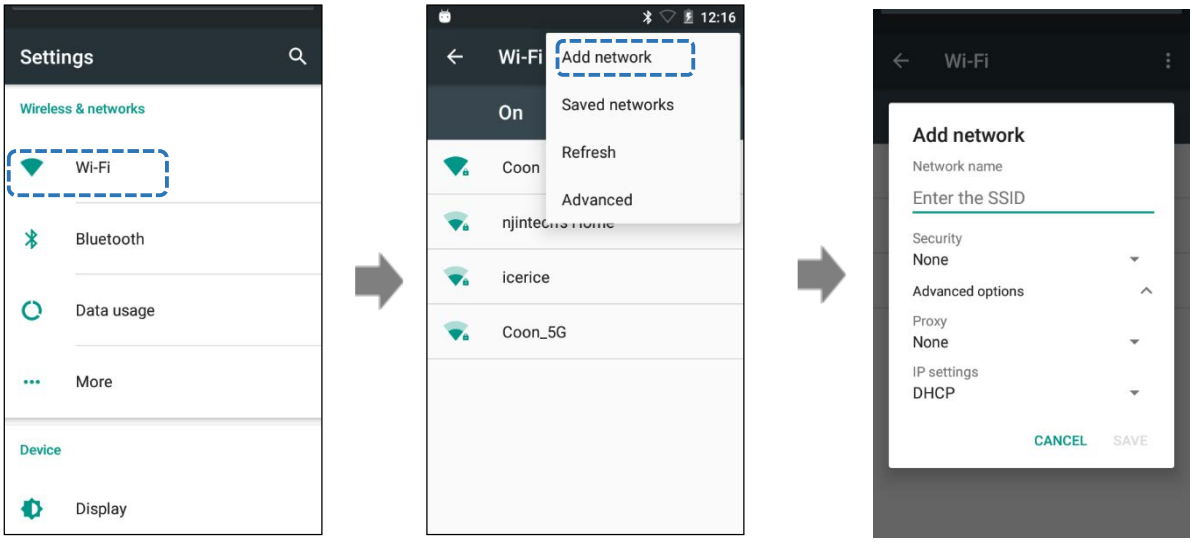
To close the connection, switch the Wi-Fi icon to OFF.

To save battery life, switch off the Wi-Fi connection when not using.

Add network manually

To add network manually:

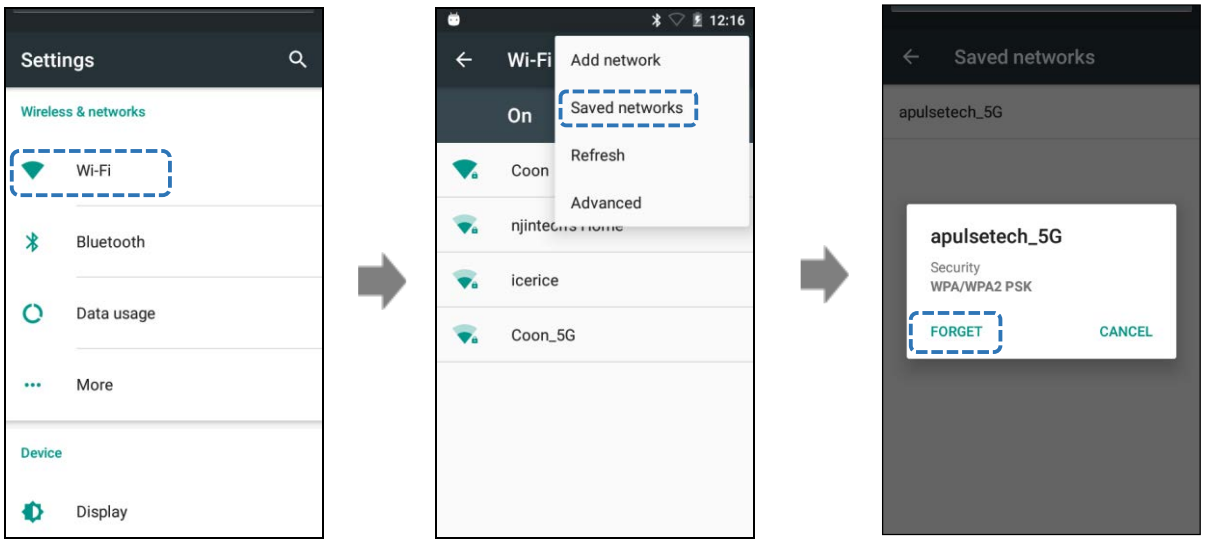
1. Touch from Home screen and Wi-Fi menu from Settings and tap , then tap **Add network.**
2. Enter Network name you want to add and set the rest of options.



Remove a Wi-Fi Network

To remove a remembered or connected network:

1. Touch from Home screen and Wi-Fi menu from Settings and tap , then tap **Saved networks**
2. Touch the name of network you want to remove and tap **FORGET**

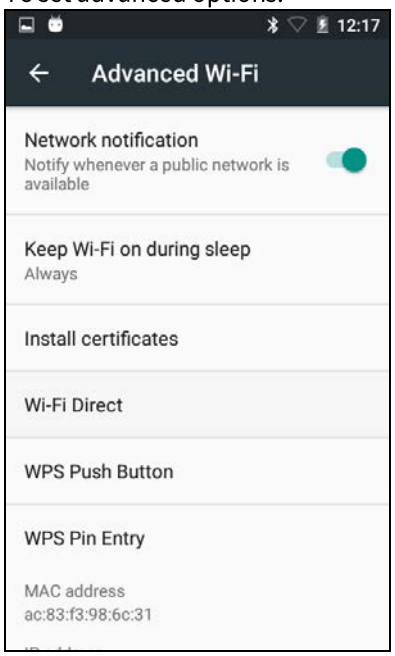


Refresh

To scan and connect to other available network, tap this option.

Advanced

To set advanced options:

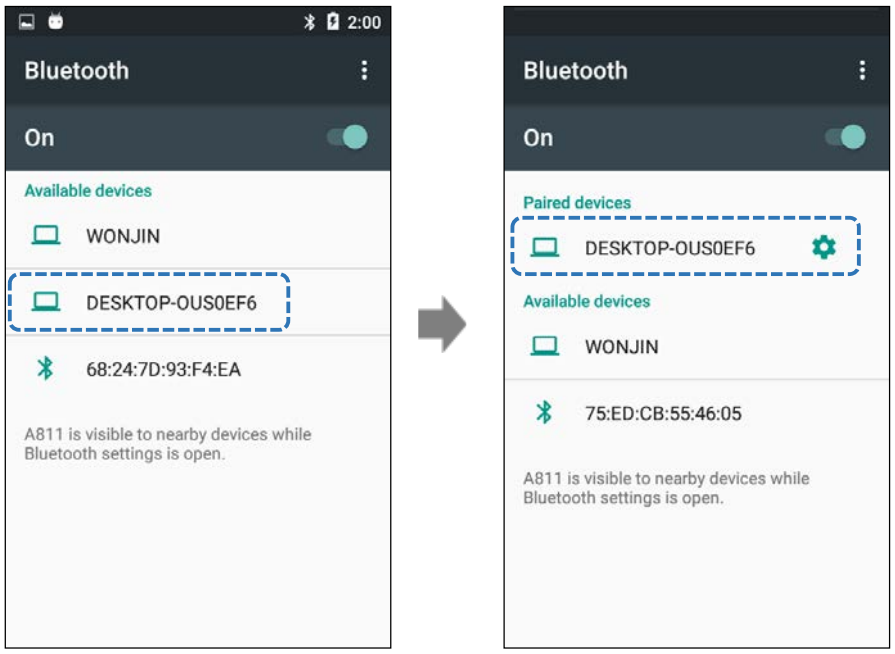


- **Network notification** : Turn on this switch to receive a notification when your device is within range of a public Wi-Fi network.
- **Keep Wi-Fi on during sleep** : Tap this option to choose whether your device remains connected to the Wi-Fi network when your device sleeps. If you turn off your Wi-Fi connection when your device sleeps, you might increase the amount of mobile data you use.
- **Install certificates** : Tap this option to install digital certificates that can identify your device when, for example, your device connects to VPN or a Wi-Fi network.
- **Wi-Fi Direct** : Tap this option to connect with available Wi-Fi Direct compatible devices.
- **WPS Push Button** : Tap this option to turn on the Wi-Fi Protected Setup feature
- **WPS Pin Entry** : Tap this option to enter the PIN for the Wi-Fi Protected Setup feature.

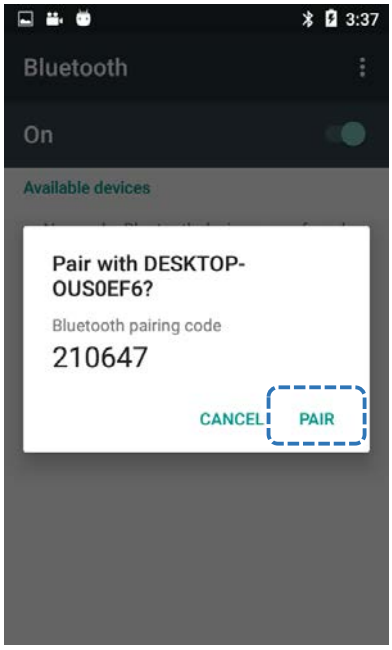
5.2Bluetooth

1. Touch from Home screen and **Bluetooth** menu from Settings
2. Switch on to enable the function if it's switched off.
3. Select the device you want to pair with.

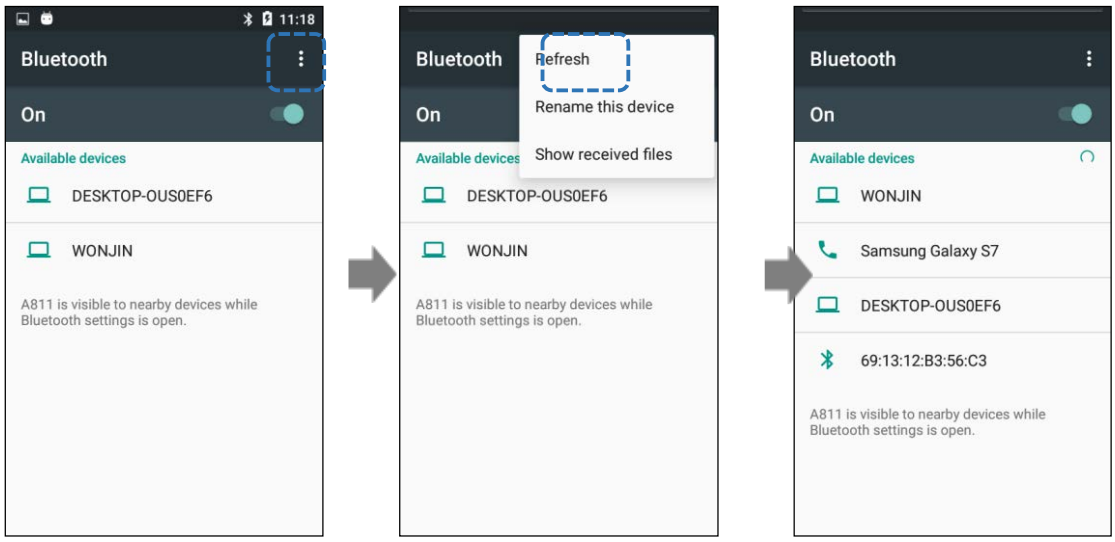
Paired devices can be connected to your device when Bluetooth turns on.
Other devices can detect your device only if the Bluetooth setting view is open.



4. Type or confirm the PIN, and touch **PAIR**, if required.



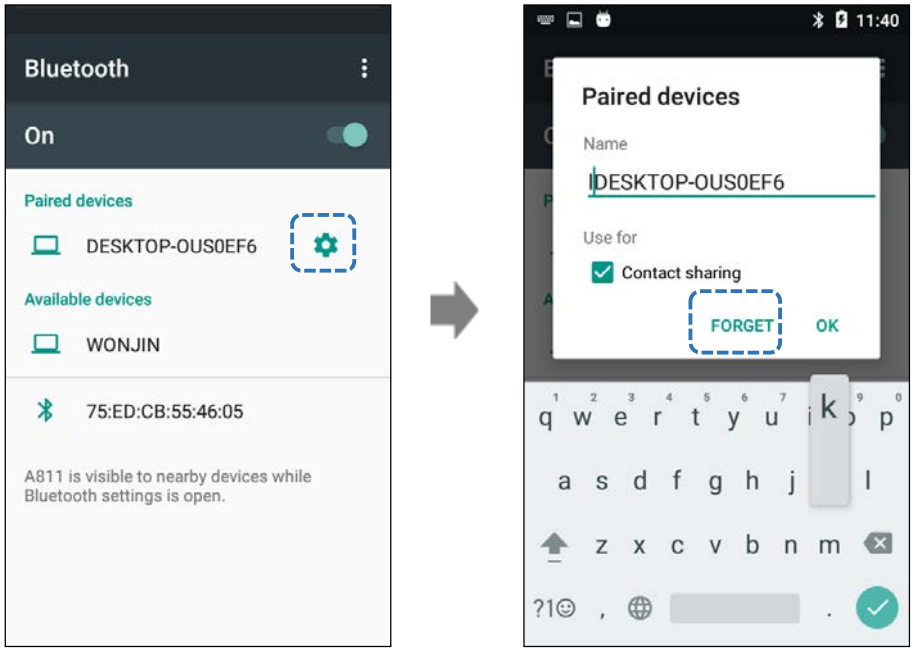
If there's no device you want to pair with on the list, tap ⋮ and touch Refresh to search available devices again.



You may need to start the pairing process from the headset.
For details, see your headset user guide.

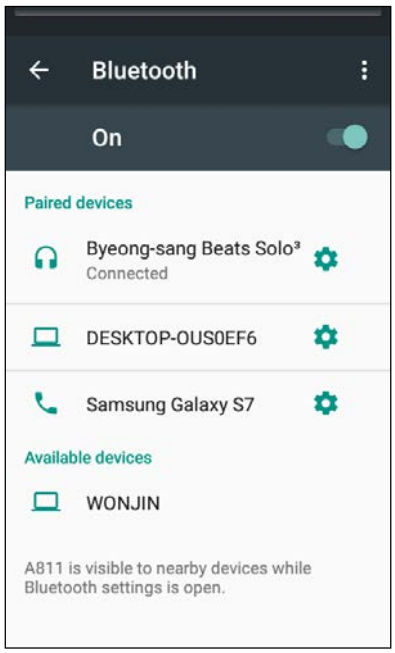
To uppair a Bluetooth device.

1. From Quick settings panel, touch Bluetooth ▼ and **MORE SETTINGS** or touch and Bluetooth menu from Settings
2. Touch Icon right of paired device name, and tap **FORGET**.

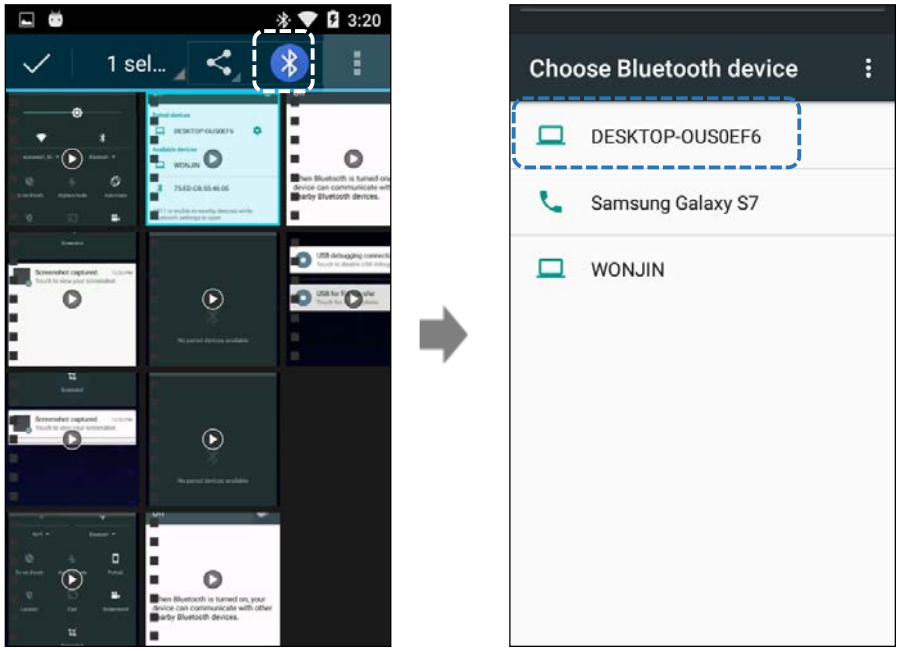


To send contents via Bluetooth.

By Bluetooth function, you can share photos or other contents with Bluetooth-compatible devices or PC. Bluetooth connection can be made more than one at a time. You can share contents with mutiple paired devices via Bluetooth.



1. Select a content you want to share then tap and On the Bluetooth devices list, tap the device you want to share with.



You need to accept the file transfer in the paired device.

5.3 Mobile Network 3G

5.4 NFC (Near Field Communications)

6 Accessories

6.1 Docking Cradle

6.2 Leather Case

7 Settings

Change your α811 settings

To access Setting menus, touch from Home screen or Swipe down with a finger from the status bar to open the quick settings panel and then touch to see setting menu.

To find a setting quickly, tap , and then type the setting that you're looking for.

7.1 Wi-Fi

Please refer to page

7.2 Bluetooth

Please refer to page

7.3 Data usage

7.4 More Settings

7.5 Display

7.6 Sound & notification

7.7 Apps

7.8 Storage & USB

7.9 Battery

7.10 Memory

7.11 Users

7.12 Location

7.13 Security

7.14 Accounts

7.15 Language & input

7.16 Backup & reset

7.17 Date & time

7.18 Accessibility

7.19 Pinting

7.20 Developer options

7.21 About phone

8 Appendix 1 Specifications

Type	Content	Description
Basic parameters	Device model	α811
	CPU model	Cortex A7 Octa Core
	CPU frequency	2.0GHz
	RAM	LPDDR3 2GB
	ROM	eMMC 32GB

	Operation system	Google Android 6.1
	Network insertion	Wi-Fi 802.11a/b/g/n/ac
	USB interface	Micro USB OTG x 1
	Camera	8MP(rear)
	Standard batteries	5200mAh
	Power adaptor	Output: DC5.0V/2.0A
	SD card	Supporting 32G maximum
Product visual appearance	Visual pattern	PDA
	Master screen	4.0-inch TFT liquid crystal touch (Capacitance 5-touch) liquid crystal screen at the resolution of 480x800
	Product size	
Application programs	Video playing	Supporting AVI, RMVB, MKV, FLV and other formats, and supporting 1080P high resolution playing
	Music playing	Built-in music player supporting playback in the MP3, WMA, WAV and other formats
	Games	Supporting a third party program
	Input method	Android input method
	Picture browsing	Supporting picture browsing in the formats of JPEG, BMP, PNG and GIF, etc
	OFFICE software	Supporting office (word, excel, Power point reading and editing), and supporting PDF browsing

FCC Warning:

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 explicitly approved by manufacturer could void your authority to operate this equipment.

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.

Specific Absorption Rate (SAR)

Information

SAR tests are conducted using standard operating positions accepted by the FCC

with the RFID handheld reader transmitting at its highest power level in all tested frequency bands, although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value, in general, the closer you are to a Wireless base station antenna, the lower the power output. Before a new product is an available for sale to the public, it must be tested and

certified to the FCC that it does not exceed the exposure limit established by the FCC, Tests for each the FCC that it does not exceed the exposure limit established by the FCC, Tests for each required by the FCC.

The highest body transmission SAR value is **less than 1.6W/Kg** of FCC standards.

For body worn operation, this RFID handheld reader has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the device a minimum of 10 mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.