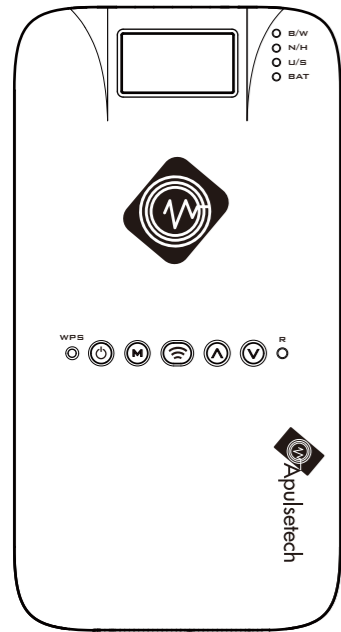


# α611 Quick Guide



## 1. Getting Started

### 1.1 About This Guide

The α611 (RFID UHF Reader) is a high performance UHF reader connecting to almost any mobile device. WIFI, Bluetooth, Serial or USB connections can be chosen in order to link to PC, Android or iPhone device.

Optional 2D barcode scanner engine from Zebra is available to capture 1D/2D barcode data and multitask on PC or mobile phone efficiently. Users are able to experience highest working performance with α611.

Instructions in this manual are based on default settings, and may vary from your device, depending on the software version on your device, and any changes to the device's Settings. All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your device and any changes to the Settings.

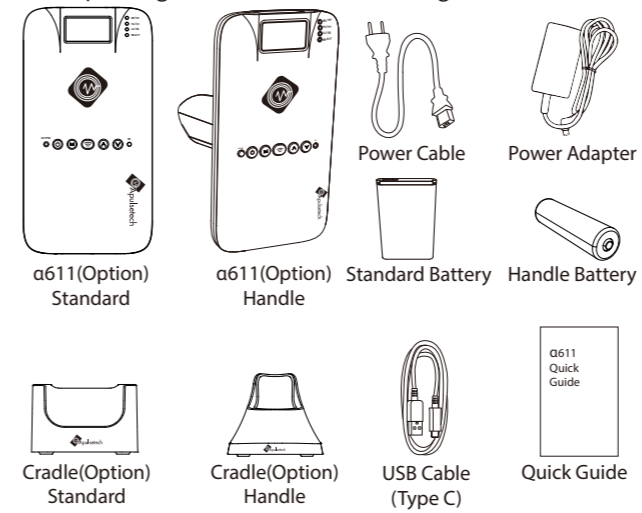
### Symbol

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.

## 1.2 Packing Contents

Your α611 packing box includes the following items.

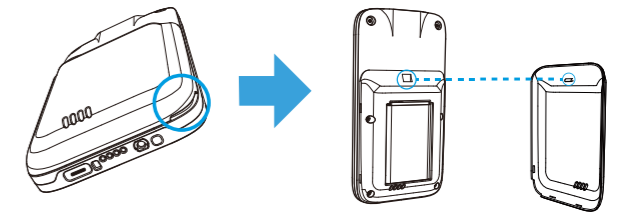


- α611 Device (Option) (Standard, Handle)
- Power Cable
- USB Cable (Type C)
- Battery
- Cradle (Option) (Standard, Handle)
- Quick Guide
- Power Adapter

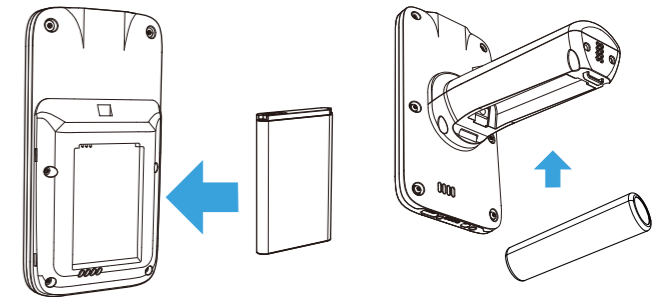
The images may differ from your actual items. To purchase additional accessories, contact your sales representative. You can download latest version of Quick guide from [www.apulsetech.com](http://www.apulsetech.com)

## 1.3 Battery disconnection and installation

The α611 uses a lithium-ion rechargeable battery.



1. To remove the battery cover, remove it using the hole on the bottom right.
2. When inserting the battery into the slot, make sure that the ground part of the battery is in the right direction.
3. If the battery is inserted and the battery cover is installed, install it in accordance with the hole at the top.

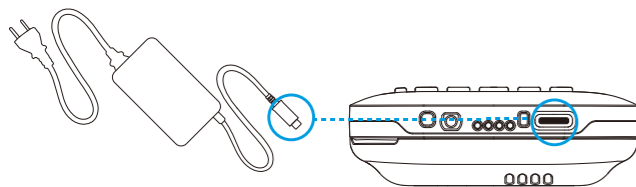


- Before removing the battery, turn off the power. Failure to do so it may cause damage to the device.
- When removing the battery cover, press the cover firmly and turn the latch unlock side, be careful not to damage your fingernail.

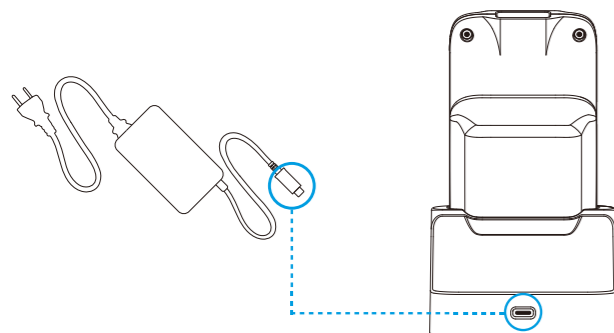
## 1.4 Charging the Battery

α611 can be charged using a USB cable or by connecting the adapter to the cradle. You can also charge your PC by connecting it to a USB cable.

### When Charging only α611 using DC Adapter



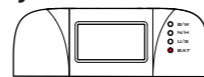
### Charging the Cradle with α611 using DC Adapter



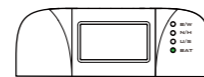
It is recommended to charge using the charger provided (5V / 4A).

## 1.5 Battery Management

**α611 Charging :** The red LED turns on when charging the battery.



**α611 fully charged :** The green LED turns on when the battery is fully charged.



### Battery LED Charge Indicator

The LED indicator on α611, provides information on the status of the batteries inserted into the product and their respective information.

When the battery is charged, the LED color of α611 turns red.

When the battery is buffered, the LED on α611 turns green.

### 1.6 Switching α611 on or off

**α611 Power On**  
Press the power button in the front center of the product for 3 seconds.

**α611 Power Off**  
Press the power button in the front center of the product for at least 3 seconds. Alternatively, remove the battery or press the reset button (reboot).

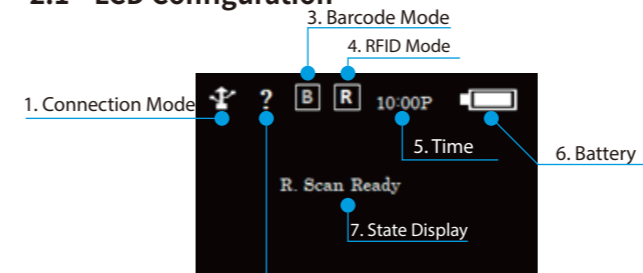
### 1.7 Reset

If you press the reset button on the front center of the product, the system restarts. The Reset button is a hardware button and works when α611 is powered on.

Reset function shuts down the device and the application that used to operate. There may be data loss in the app that used to operate, so back up important

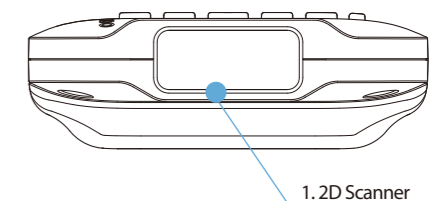
## 2. α611 Name and role of each part

### 2.1 LCD Configuration



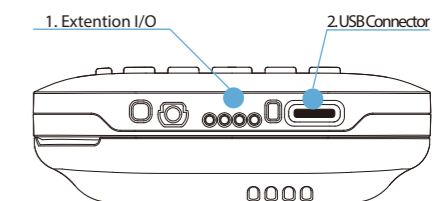
No.	Item	Description
1	Connection Mode	Displays USB/Bluetooth/WIFI connection mode.
2	Connection State Display	Shows the connection status with the parent instrument. Disconnect/HID/Serial
3	Barcode Mode	1D/2D Barcode Read
4	RFID Mode	RFID Tag Read/Write
5	Time	Shows the current time.
6	Battery	Shows the remaining amount of the battery. Displays a total of four steps.
7	State Display	Displays the instrument's status light. When barcode scanning is prepared, B."ScanReady" pops up. When RFID scanning is prepared, R.Scan Ready appears. When the data is read, the tag value is displayed in the center, and the tag quantity is displayed in the lower left corner.

### 2.2 Top View



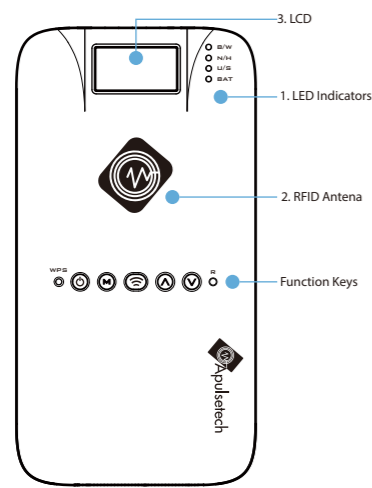
No.	Item	Description
1	2D Scanner	You can scan the barcode by pressing the Scan button.

### 2.3 Bottom View



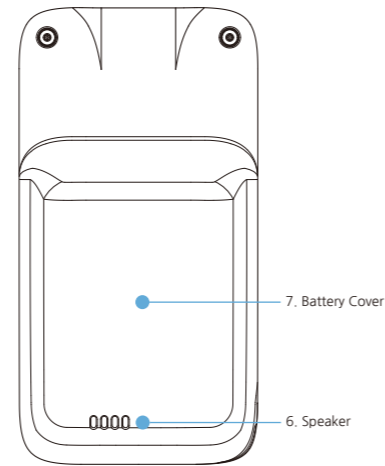
No.	Item	Description
1	Extention I/O	Charger
2	USB Connector	Allows the device to be connected to PC or other device.

## 2.4 Front View




No.	Item	Description
1	LED Indicators	Displays connection mode and battery state of charge.
	B/W	TBD
	N/H	TBD
	U/S	TBD
	BAT	Shows the battery's state of charge.
2	RFID Antenna	RFID Tag Read/Write
3	Display	Displays each information, such as connection mode and battery backlog.

## 2.5 Back View



### Function Keys



No.	Item	Description
1	Power	Press and hold to boot a611 when it's completely turn off.
	Reset	When a611 is stuck and no physical buttons are not working, use small objects and press RESET button shortly, then device will force to shut down. Recommend not using the RESET key while a611 is working normally. It may damage the system and data loss.
2	Mode	Selection button for communication mode

No.	Item	Description
3	Scan	1D/2D Barcode and RFID Tag Reading
4	WPS	Button to attempt to connect a611 to a WIFI AP
5	UP	Volume UP or RFID power level UP Button Default is volume UP
	DOWN	Volume Down or RFID power level Down Button. Default is volume UP
6	Speaker	For Sound alert
7	Battery Cover	You can remove and install the battery by removing the battery cover.

## 3. Android Connections

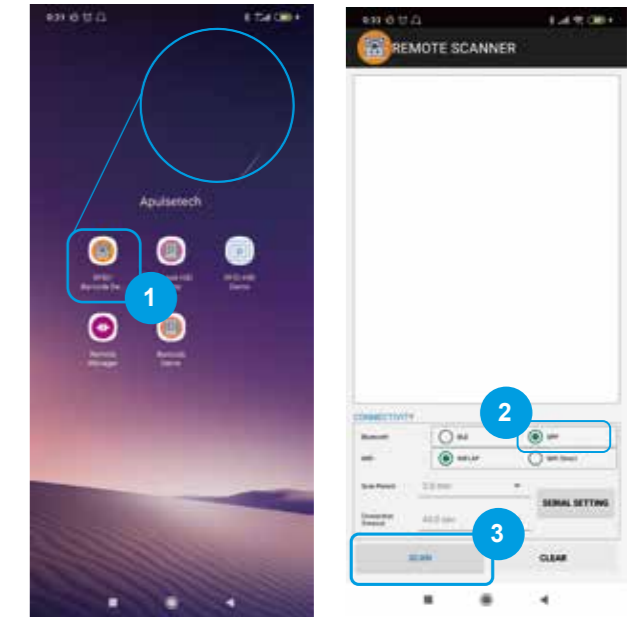
It is recommended to use of the mobile device with Android OS Version 5.0 or later.

### 3.1 Demo Application

Install the application on the PC and Mobile device to connect to a611 and refer to Android SDK User Guide. a611 provides Demo 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.

## 3.2 Bluetooth Connection

Confirm that it is ready for Bluetooth connection by checking Bluetooth LED light blinks on a611. Enable Bluetooth function on the mobile device and pair it with a611. Run "RFID/Barcode demo app" on your mobile device.



1. Run Demo app on the mobile device.
2. Select SPP mode from Bluetooth section.
3. Press SCAN button on the screen.

## 4. Information

### 4.1 Service Information

If you have problem with a611, 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 Lable)
- Firmware Version

### 4.2 Safety Information

**Before you use a611, 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 a611 during driving for safety.
- In medical sites, please follow the relevant regulations by turning off your a611 when you are in medical sites.
- Please turn off your a611 or turn on jamming mode when you are boarding, to avoid wireless signals jamming aircraft control signal.
- Please turn off your a611 near the use of high precision electronic equipment, otherwise it may lead to electronic equipment disability.
- Do not take apart your a611 or accessories without authorizing. Only authorized institutions can repair this a611.
- Please keep a611 away from magnetic equipment. The radiation of a611 will erase the information of the magnetic storage device.
- Please don't use a611 under high temperature or in flammable areas (example: gas station).
- Please keep your a611 and accessories away from children without supervising.

- Please obey the relevant laws and regulations when you use your a611, 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 a611 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 voids your one-year limited warranty.

### Contact Info

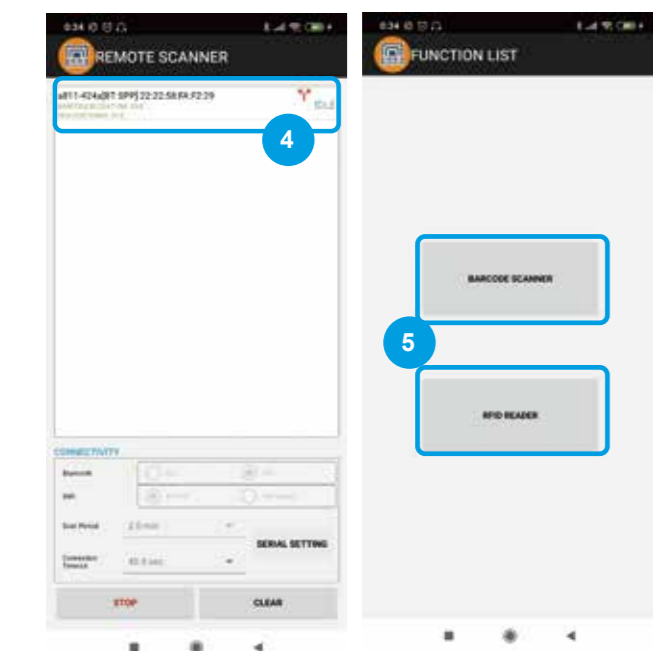
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Email : [sales@apulsetech.com](mailto:sales@apulsetech.com)  
Website : [www.apulsetech.com](http://www.apulsetech.com)

### Warranty Policy

Unless otherwise stated by Apulsetech in a sales agreement between Apulsetech and a Partner, Hardware is warranted for a period of twelve (12) months, Battery and Accessory are warranted for a period of six (6) months from date of shipment from Apulsetech.

### Hardware Warranty

- When the product is under warranty period,  
There will be no charge to the customer for warranty repairs. Apulsetech shall not be responsible for any loss or damage of data, software programs or reinstallation of any customer own program or data.  
Customer is responsible for shipment to Apulsetech and assumes all costs and risks associated with this transportation. Apulsetech shall be responsible for return shipment to customer, unless Apulsetech determines that the hardware has no defect or is not under warranty.
- If the product is out of warranty,  
Customer is responsible for both in/outbound shipment, also repairing charge including material and service costs.



4. Select a searched device.
5. Control RFID or barcode scanner while BT in connected

For USB, WIFI connections, it is similar sequence . Connect a611 to a device , run the demo application and select a611 device among the list searched. Then scan barcodes or read RFID tags.

For more detailed setting information of demo application and others, please refer to user guide and SDK user guide.

### Out of coverage

- Hardware cannot be warranted for cases below,
- Unauthorized service partner or person repaired
  - Damages by inappropriate opening, assembling, installation and part remove.
  - Damages by customer abuse, negligence and misuse
  - Damages by improper storage
  - Damages by direct shock on LCD and touch pannel
  - Damages by external shock on purpose
  - Contaminated by water or other liquids including battery leakage

### Software / Firmware service

Apulsetech provides firmware, software including demoware which can be applicable to customer software development. Firmware and Software are licensed "as is" with no warranty. Customer shall download latest firmware or software, and get technical support from <http://www.apulsetech.com> or contact our regional service partner.

### DOA (Dead on arrival) replacement

checks all hardware before shipment throughly, however in case it happens, If the goods are found not operated or not properly working when it arrives, contact regional sales manager first to claim DOA.  
DOA claim requires a submission thru our website service & support page, you could enter Parnter name, purchase order number and other information to process the claim.  
Or contact your regioinal sales manager to claim by email.  
In general, submission of DOA claim must be within 2 weeks after shipment arrival.  
For DOA claim, replacement or credit will be provided to customer AFTER receiving the faulty goods from customer and Apulsetech completes the diagnostic process.

### RMA (Return Material Authorization)

For warranty or Non-warranty repair, customer must apply RMA request form.  
Prior to returning your defective product for repairs, an authorized RMA number must be retained. To obtain an authorized RMA number you must fill out the RMA request form, which can be submitted from Apulsetech website or requested via email at [service@apulsetech.com](mailto:service@apulsetech.com) directly.  
Once this form is submitted, customer will receive a response within 24 hours with either: (1) an RMA number; or (2) a request to provide additional details and information regarding the defective product.