Rugged Smartphone

- EA630 Plus -



User's Manual

Version 1.1

Revision History

Date	Change Description	Version
2022/5/9	first published version	1.0
2022/5/16	Update 2.11 Key Remap	1.1

Preface

About This Manual

Thank you for purchasing the Unitech product.
This manual explains how to install, operate and maintain our product.
No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without permission in writing from the manufacturer. The material in this manual is subject to change without notice.

Regulatory Compliance Statements

FCC Warning Statement

This device 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 with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference with 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.

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–Consult the dealer or an experienced radio/TV technician for help.

1. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
2. This device complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. To maintain compliance with FCC RF exposure requirements, avoid direct contact to the transmitting antenna during transmitting.
3. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

FCC Label Statement

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

RF Radiation Exposure Statement

For body contact during operation, this device has been tested and meets FCC RF exposure guidelines when used with an accessory that contains no metal and that positions the handset a minimum of 1.0 cm from the body.
Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

European Conformity Statement

Unitech Electronics co., Ltd herewith declares that the Unitech product is in compliance with the essential requirements and all other provisions of the RED 2014/53/EU directive.
The declaration of conformity is available for download at :
https://portal.unitech.eu/public/Safetyregulatorystatement

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CE RF Exposure Compliance

For body-worn operation, this device has been tested and meets the ICNIRP guidelines and the European Standard EN 62209-2, for use with dedicated accessories, SAR is measured with this device at a separation of 0.5 cm to the body, while transmitting at the highest certified output power level in all frequency bands of this device. Use of other accessories which contain metals may not ensure compliance with ICNIRP exposure guidelines.

CE Mark Warning



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RoHS Statement

This device conforms to RoHS (Restriction Of Hazardous Substances) European Union regulations that set maximum concentration limits on hazardous materials used in electrical and electronic equipment.

Waste Electrical and Electronic Equipment (WEEE)



Unitech has set up a policy and process to meet the 2012/19/EU concerning electronic waste disposal.

For more detailed information of the electronic waste disposal of the products you have purchased from Unitech directly or via Unitech's resellers, you shall either contact your local supplier or visit us at : https://portal.unitech.eu/public/WEEE

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Taiwan NCC Warning Statement

NCC 警語

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前述合法通信，指依電信管理法規定作業之無線電通信。低功率射頻器材須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

SAR標準值　W/KG, 送測產品實測值為: (W/KG)

注意事項:

1. 使用過度恐傷害視力。
2. 使用30分鐘請休息10分鐘；2歲以下幼兒不看螢幕，2歲以上每天看螢幕不要超過1小時。
3. 減少電磁波影響，請妥適使用。

Note:

Within the 5.25-5.35 GHz band, U-NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations.

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Laser Information

The Unitech product is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J and to the requirements of IEC 60825-1. Class II and Class 2 products are not considered to be hazardous. The Unitech product contains internally a Visible Laser Diode (VLD) whose emissions do not exceed the maximum limits as set forth in the above regulations. The scanner is designed so that there is no human access to harmful laser light during normal operation, user maintenance or prescribed service operations.

The laser safety warning label required by the DHHS/IEC for the Unitech product's optional laser scanner module is located on the memory compartment cover, on the back of the unit.

* Laser information only applies to the products with laser components.

CAUTION! Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light. Use of optical instruments with the scanner, including binoculars, microscopes, and magnifying glasses, with will increase eye damage. This does not include eyeglasses worn by the user.

LED Information

The Unitech product contains LED indicator(s) or LED ring whose luminance is not harmful to human eyes during normal operation, user maintenance or prescribed service operations.

*LED information only applies to the products with LED components.

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Battery Notice

1. To guarantee optimal performance, it is recommended that rechargeable batteries be replaced every year, or after 500 charging cycles are completed. It is normal for the battery to balloon or expand after one year or 500 cycles. Although it does not cause damage, it cannot be used again and must be disposed of according to the location's safe battery disposal procedures.
2. If a battery performance decreases more than 20%, the battery is at the end of its life cycle. Stop use and ensure the battery is disposed of properly.
3. The length of time that a battery lasts depends on the battery type and how the device is used. Conserve the battery life by doing the following:

- Avoid fully uncharging the battery because this places additional strain on it. Several partial uncharges with frequent charges are better than a fully uncharged battery. Charging a partially charged battery does not cause harm to the unit.

- **DO NOT leave the battery pack or in the device in a hot condition such as in the car with closed door on a hot day or similar environment, and/or under direct sunlight for an extended period of time. High-temperature condition might cause the battery damaged for further safe usage. Keep the device with the battery within acceptable operating temperatures (please refer to the “specification” section for further details).**

  To guarantee optimal battery performance, we generally recommend you replace your rechargeable batteries every two years, or after 500 charging cycles. By ignoring the warning message from above and continuing using the battery neglectfully may lead to a critical consequence.

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- Do not leave the battery uncharged and unused for an extended period of time, the battery will wear out and the longevity of the battery will be at least half of one with frequent charges.

4. Protect battery life by not over or under charging the battery.
5. Please do not leave battery unused for long time without charging it. Despite Unitech's safety precautions, the battery pack may begin to change shape. If so, stop using it immediately. Please check to see if you are using a proper power adapter to charge the battery or contact your service provider for service.
6. If you cannot charge the battery after it has been idle for an extended period of time and it begins to heat up, please do not try to charge it. It may not be functional anymore.
7. Please only use the original battery from Unitech. Using a third party battery can damage our products. Please note that when such damage occurs, it is not covered by Unitech's warranty policy.

CAUTION!

- RISK OF EXPLOSION IF BATTERY IS REPLACED INCORRECTLY.
  DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
- 如果更換不正確之電池行事會有爆炸的風險
  請依製造商說明書處理用過之電池
- 如果更换不正确之电池行事会有爆炸的风险
  请依制造商说明书处理用过之电池

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Battery Charge Notice

It is important to consider temperature when the battery pack is charging. Charging is most efficient at normal room temperature or in a slightly cooler environment. It is essential that batteries are charged within the stated range of 0˚C to 40˚C. Charging batteries outside of the specified range could damage the batteries and shorten their life cycle.

CAUTION! Do not charge batteries at a temperature lower than 0˚C. This will make the batteries unstable and dangerous. Please use a battery temperature detecting device for a charger to ensure a safe charging temperature range.

CAUTION! To ensure the unit working properly, please keep all connectors away from the contaminants staying inside of them such as dust, grease, mud, and water. The negligence may cause the unit with no communication, short circuited, overheated and so on.

CAUTION! If the connector is damaged, please ensure the connector is being fully repaired before use the unit to avoid causing short circuited.

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Storage and Safety Notice

Although charged batteries may be left unused for several months, their capacity may be depleted due to build up of internal resistance. If this happens, they will require recharging prior to use. Batteries may be stored at temperatures between -20°C to 60°C, however they may deplete more rapidly at higher temperatures. It is recommended to store batteries at room temperature.

** The message above only applies to the usage of the removable batteries. For the products with non-removable batteries / without batteries, please refer to the specification of each product.*

Product Operation and Storage Notice

The Unitech product has applicable operation and storage temperature conditions. Please follow the limitation of suggested temperature conditions to avoid failure, damage or malfunction.

**For applicable temperature conditions, please refer to the specification of each product.*

Adapter Notice

1. Please do not leave the power adapter in the socket when it is not connected to your Unitech product for charging.
2. Please remove the power adapter when the battery is fully recharged.
3. The bundled power adapter that comes with your Unitech product is not meant to be used outdoors. An adapter exposed to water or rain, or a very humid environment can cause damage to both the adapter and the product.
4. Please only use the bundled power adapter or same specification of adapter to charge your Unitech product. Using the wrong power adapter can damage your Unitech product.

** The message above only applies to the product connected to the adapter. For the products without using the adapters, please refer to the specification of each product.*

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Hearing Damage Warning

To prevent possible hearing damage, do not listen at high volume levels for long periods.



Figure 1 – Warning label (IEC 60417-6044)

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Worldwide Support

Unitech's professional support team is available to quickly answer questions or assist with technical-related issues. Should an equipment problem occur, please contact the nearest Unitech regional service representative.
For complete contact information please visit the Web sites listed below:

Taipei, Taiwan – Headquarters	Europe
Tel: +886-2-89121122 **E-mail:** info@hq.ute.com **Address:** 5F, No. 136, Lane 235, Baoqiao Road, Xindian District, New Taipei City 231, Taiwan (R.O.C.) **Website:** http://www.ute.com	**Tel:** +31-13-4609292 **E-mail:** info@eu.ute.com **Address:** Kapitein Hatterasstraat 19, 5015 BB, Tilburg, the Netherlands **Website:** http://eu.ute.com
China	**Japan**
Tel: +86-59-2310-9966 **E-mail:** info@cn.ute.com **Address:** Room401C, 4F, RIHUA International Mansion, Xinfeng 3nd Road, Huoju Hi-tech District, Xiamen, Fujan , China **Website:** http://cn.ute.com	**Tel:** +81-3-35232766 **E-mail:** info@jp.ute.com **Address:** Kayabacho Nagaoka Building 8F.,1-5-19 Shinkawa, Chuo-Ku, Tokyo, 104-0033, Japan **Website:** http://jp.ute.com
Asia-Pacific/Middle East	**Latin America**
Tel: +886-2-27911556 **E-mail:** info@apac.ute.com info@india.ute.com info@mideast.ute.com **Address:** 4F., No. 236, ShinHu 2nd Rd., NeiHu Chiu, 114, Taipei,Taiwan **Website:** http://apac.ute.com / http://mideast.ute.com	**Tel:** +52-55-5171-0528 **E-mail:** info@latin.ute.com **Address:** 17171 Park Row, Suite 210 Houston, TX 77084USA (Rep.) **Website:** http://latin.ute.com
North America	**Please scan QR Code to visit us :**
Tel: +1-714-8916400 **E-mail:** info@us.ute.com / info@can.ute.com **Address:** 6182 Katella Ave, Cypress, CA 90630, USA **Website:** http://us.ute.com	

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Warranty Policy

The following items covered under the Unitech Limited Warranty are free from defects during normal use:

The warranty period is varied from each country. Please consult with your supplier or Unitech local office for actual length of warranty period to your purchased product.

Warranty becomes void if equipment is modified, improperly installed or used, damaged by accident or neglect, or if any parts are improperly installed or replaced by the user.

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Chapter 1 - Overview

1.1 Package

Please make sure the following contents are in the EA630 Plus gift box.
If something is missing or damaged, please contact your Unitech representative.

The basic package contents

- EA630 Plus Terminal
- Battery
- Quick Start Guide
- Regulatory Compliance Statements

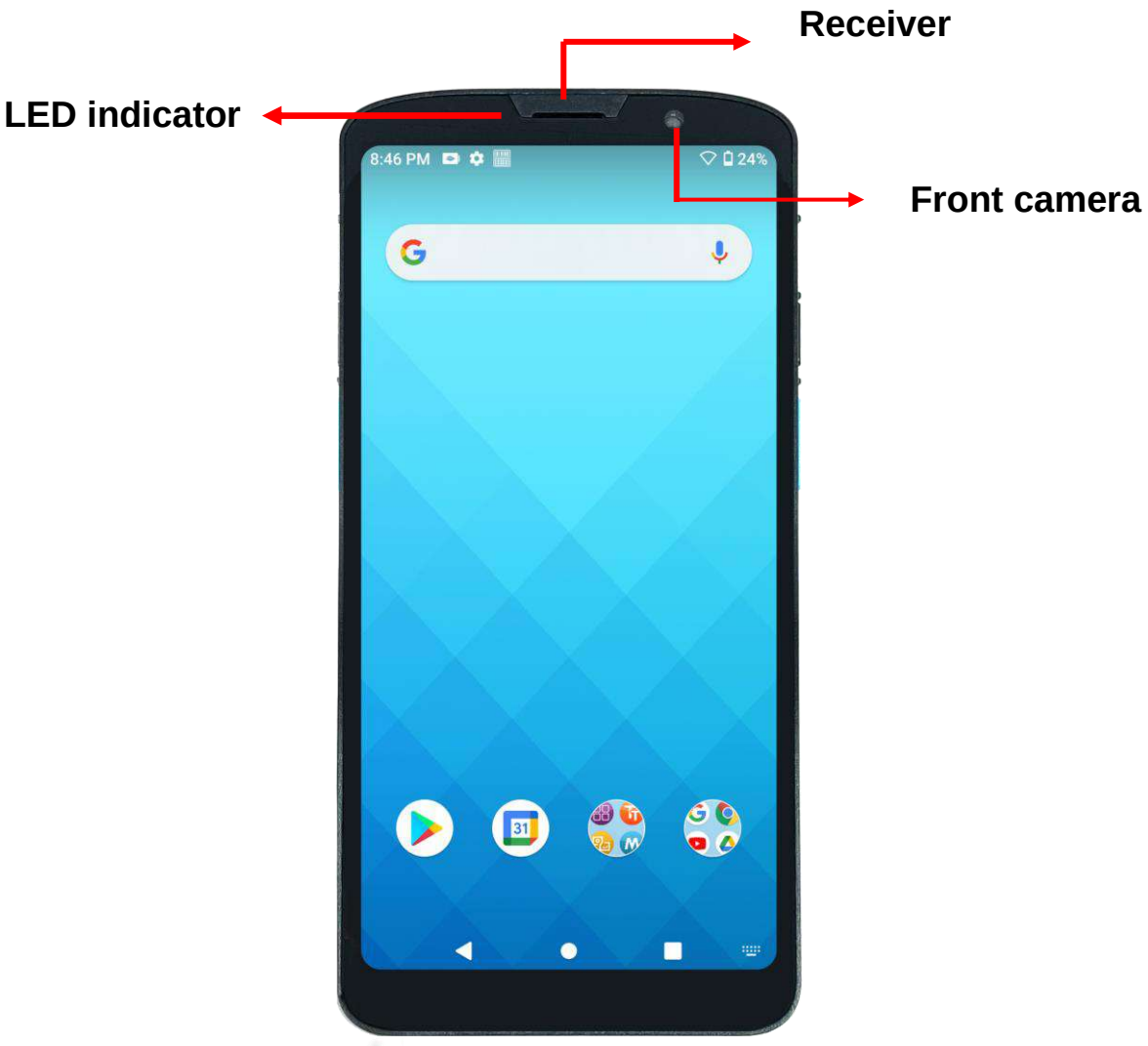
Optional accessories

- Stylus
- Hand strap
- Quick charge adaptor (via USB type-C cable)
- USB 3.0 Type-C cable
- 9H glass screen protector
- Boot Case
- Gun grip: standard/ UHF
- Single Slot Charging cradle
- Single Slot USB cradle
- Single Slot Ethernet cradle
- 4 Slots Ethernet cradle
- 4 Slots Terminal Charging cradle

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1.2 Product Detail

EA630 Plus Front View



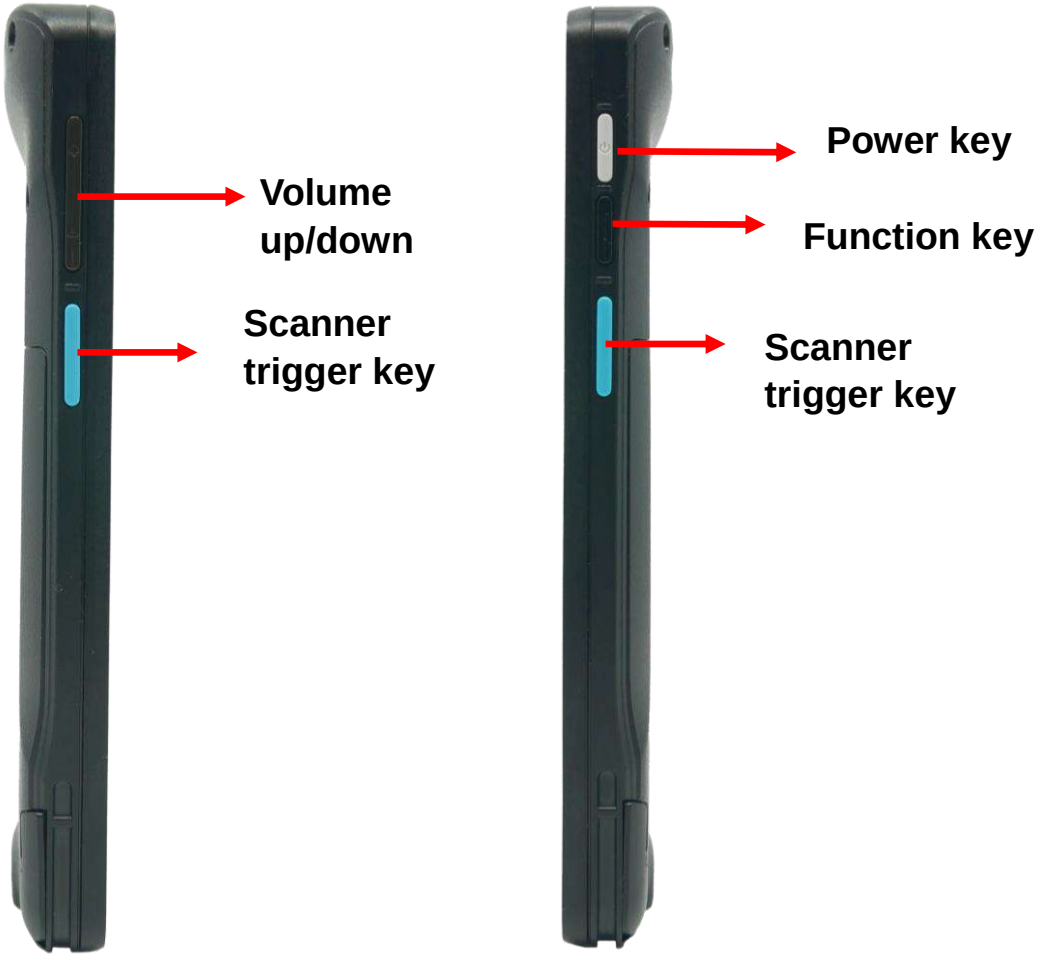
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EA630 Plus Rear View



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EA630 Plus Left and Right View



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Barcode scanner window





Pogo pin
(For Cradle Charging)

Pogo pin
(For Cradle Charging)

USB Type C Port

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1.3 Specifications

System Features	
CPU	2GHz, Qualcomm® Snapdragon™ 662 64bits Octa-core Processor
Memory	4 GB RAM 64 GB Flash
Expansion Slot	MicroSD, up to 256 GB
OS	Android 11
Languages Support	Multiple languages
Display	
Capacitive type 5 points multi-touch touch panel with Gorilla® 5 Glass 5, 6",18:9 Full-HD (2160 x 1080) color screen (450nits)	
Indicator	
1 x LED indicator Speaker, Vibrator	

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Comes with the Google™ app and Google Chrome™

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Functionality	
Symbologies	**1D:** UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 11, Code 93, Codabar/NW7, Interleaved 2 of 5, Matrix 2 of 5, MSI, Trioptic, Code 32 **2D:** PDF417, MicroPDF417, GS1 Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code, DOT Code **Postal**: Intelligent Mail Barcode, Postal-4i, Australian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code **OCR**: OCR-A, OCR-B, E13B (MICR)
Audio	
One speaker with Smart PA (95±3Db @ 10cm), One receiver, Dual noise-cancelling microphones	
Regulatory Approvals	
CE, FCC, NCC, VCCI,TELEC, CCC, SRRC, RoHS, CEC, BQB, N-Mark	
Communication	
USB	USB 3.1 (type-C) support USB OTG Support Ethernet/USB-Host via cradle
Camera	5MP front camera 16 MP Rear with auto-focus function and Flash Light
Bluetooth®	Bluetooth® 5 supported
WLAN	Wireless LAN 802.11a/b/g/n/ac, 2.4GHz and 5GHz Support 802.11d/e/h/i/k/r/v, fast roaming Compliant with WEP, WPA and IEEE 802.11i WPA2
WWAN	GSM: 850,900,1800,1900 MHz WCDMA: Band 1, Band 2, Band 5, Band 8 LTE: FDD-LTE (B1/B2/B3/B4/B5/B7/B8/B12/B17/B19/B20/B28) TDD-LTE (B38/B39/B40/B41)

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GPS	AGPS, GPS, GLONASS, Beidou, Galileo
RFID/HF	Support HF/NFC Frequency 13.56Mhz Support: ISO14443A/B, ISO15693, Mifare, Felica (ISO/IEC18092) compliance
Sensor	Gyroscope, Light sensor, e-Compass, Proximity sensor, Accelerometer sensor
Power Source	
Main Battery	3.85V, 4000mAH Li-polymer battery
Enclosure	
Weight	232g (with battery)
Dimension	157mm x 76.4mm x 13.9mm (H x W x D)
Environmental	
Operating Temperature	-10°C to 50°C
Storage Temperature	- 30°C to 70°C (without battery)
Charging temperature	0°C to 45°C
Relative Humidity	10% ~ 90% (non-condensing)
Durability	
Drop Specification	1.2m, 1.5m with boot case
Sealing	IP65
Vibration/ Tumble test	MIL-STD 810G
Software	
SOTI, AirWatch and MoboLink	

Note:

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

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	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK
	IS	LI	NO	CH	TR		

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1.4 Getting Started

1.4.1 Remove the Battery Cover

1. Turn the knobs a quarter of a turn (90°) to unlock the battery cover.



2. And pull the battery up to remove it.



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1.4.2 Install the Battery Cover

1. There are 3 hooks on the battery cover.
   Align the hooks with the recesses on the battery compartment



2. Insert the battery cover up to 45 degrees (45°) from top to bottom.



3. Press the battery cover down to secure in place. Ensure no gap exists between the device and battery cover.



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4. To lock the battery cover, turn the knobs a quarter of a turn (90°).
   Make sure the battery cover is securely closed, or you may be unable to turn on the terminal.



WARNING! *There is a risk of fire and burns if the battery is handled improperly. DO NOT disassemble, crush, puncture, short external contacts, or dispose the battery pack in fire or water. DO NOT attempt to open or service the battery. Dispose of used batteries according to local recycling guidelines in your area.*

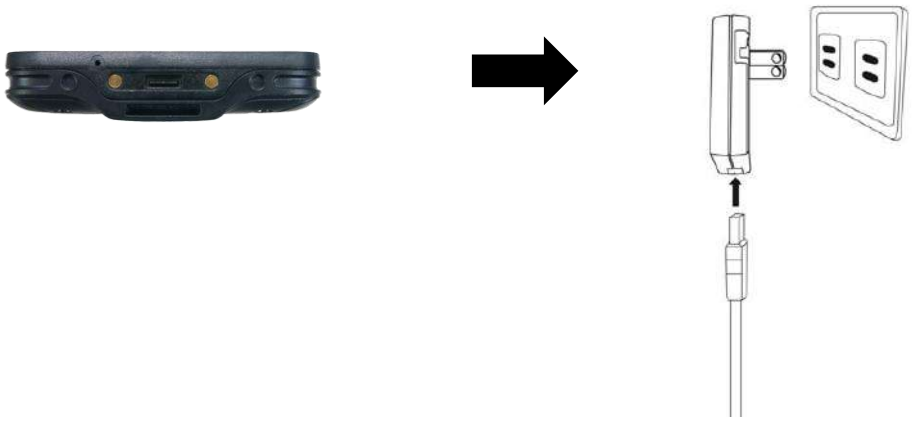
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1.4.3 Charging Battery

Before using the terminal for the first time, you need to charge it for about 24 hours. For regular use, you can charge the terminal with QC (quick charge) USB type-C cable and QC adapter for within 2.5 hours to full capacity.
It takes within 4 hours to charge the terminal with the cradle to full capacity.

Connect the type C USB cable to the USB port on EA630 Plus and the other end of the USB cable. Please connect to AC power adapter into the electrical outlet on the USB plug.

The charging LED indicator on EA630 Plus is turning red when it is in charging state. The green light is on after the battery is fully charged.



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1.4.4 Turning on Terminal for the First Time

It is recommended to fully charge EA630 Plus before first use. You can now start up your device to set up the languages, WLAN setting, date and time.

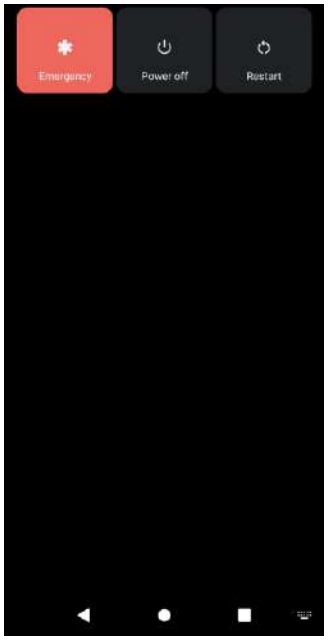
Power Button

Turn ON your device by pressing the power button on the side of the terminal.



power button

Long press the **Power button,** and it will show the options for Power off, and Restart.



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1.4.5 Checking LED status

	LED	Description
Terminal	Red Light	■ Battery Charging ■ Twinkling to indicate battery low status (less than 15%)
	Green Light	■ Battery Fully charged ■ Barcode scan good read
	Blue Light	Message
	All of LEDs can be controlled by software API	If scanner app is running, LED is controlled by scanner app.
	No LED (Red and Green) display when battery is out (even with AC IN)	

Checking Battery Status

If the battery level becomes low in the course of normal use, a status icon appears on the device screen indicating low or very low battery status. In both cases, please back up your data, and then recharge your device as soon as possible.

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1.4.6 Inserting the Micro SD/ Nano SIM Card

The EA630 Plus has 1 x micro SD and 2 x Nano SIM card slots inside the battery compartment.

Note: Before inserting or removing micro SD card or Nano SIM card, please TURN OFF the terminal for the first step.

1. Unlock the battery cover by turning the knobs a quarter of a turn (90°).
   Lift the battery cover up to 45 degrees (45°), and gently pull the cover off.



2. Remove the battery and pull out the card slot.



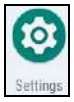
3. Put the battery back and lock the battery cover by turning the knobs a quarter of a turn (90°). Make sure the battery cover is securely closed, or you may be unable to turn on the terminal.



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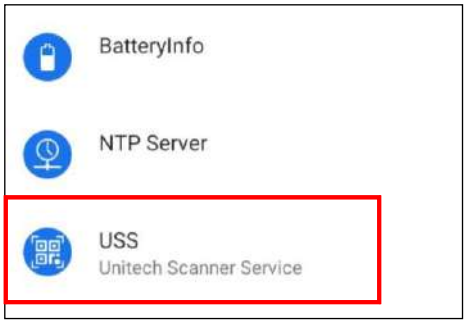
Chapter 2 – Installation & Operation

2.1 Barcode Setting

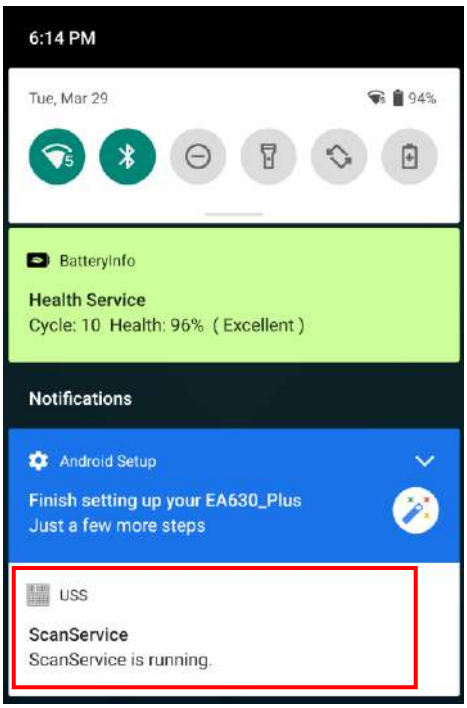
1. On the main screen, scroll up the screen to reach the APPS, and tap 

Settings and then tap **USS** (Unitech scan service).

   Or from the notification bar to tap USS (Unitech scan service).



or

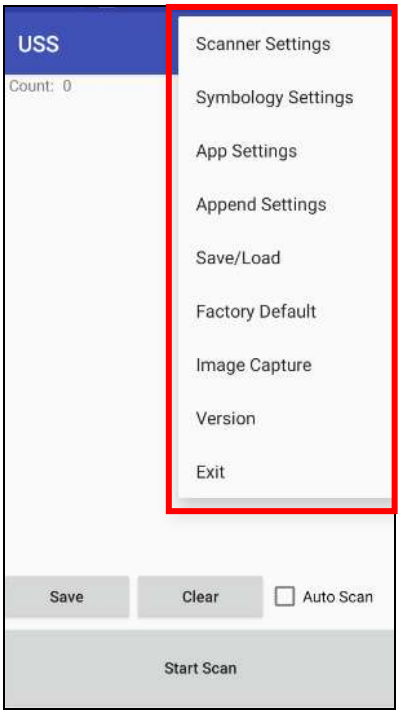


2. You now enter the Unitech scan service application.

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2.1.1 Settings

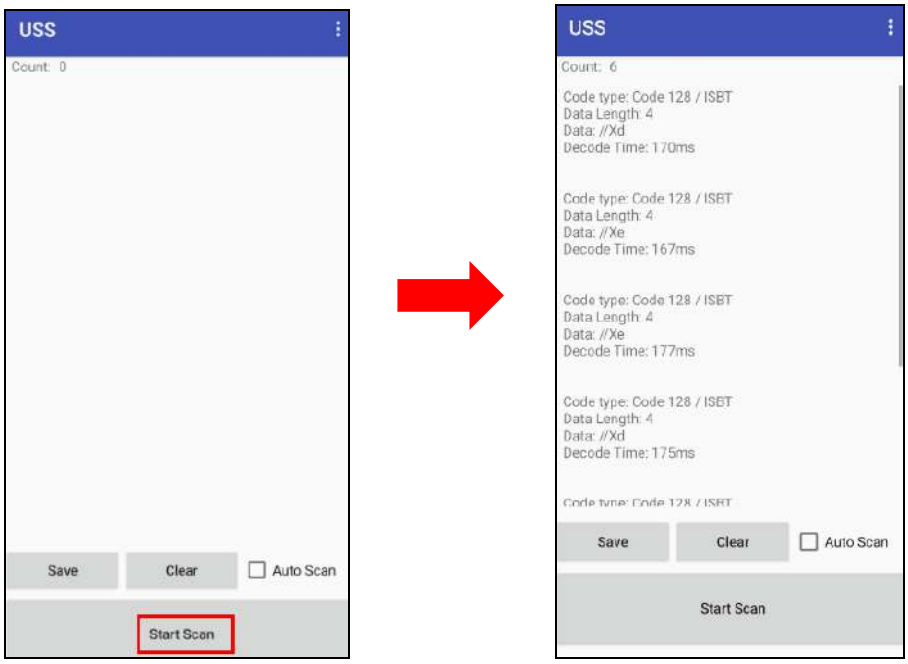
1. After you enter the Unitech scan service application, please tap  on the screen to see all the settings of **USS**.



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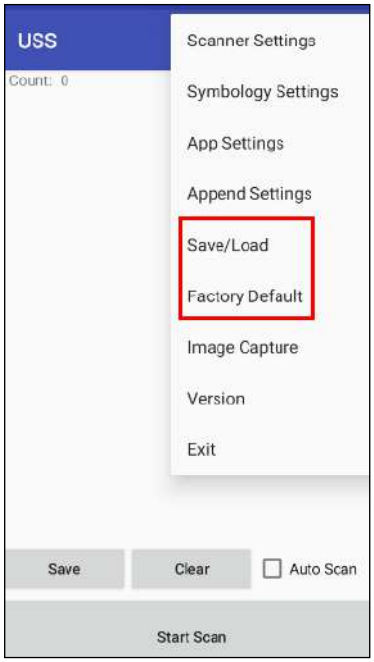
2.1.2 Barcode Scan

1. Please tap **Start Scan** to get ready for barcodes scan service.



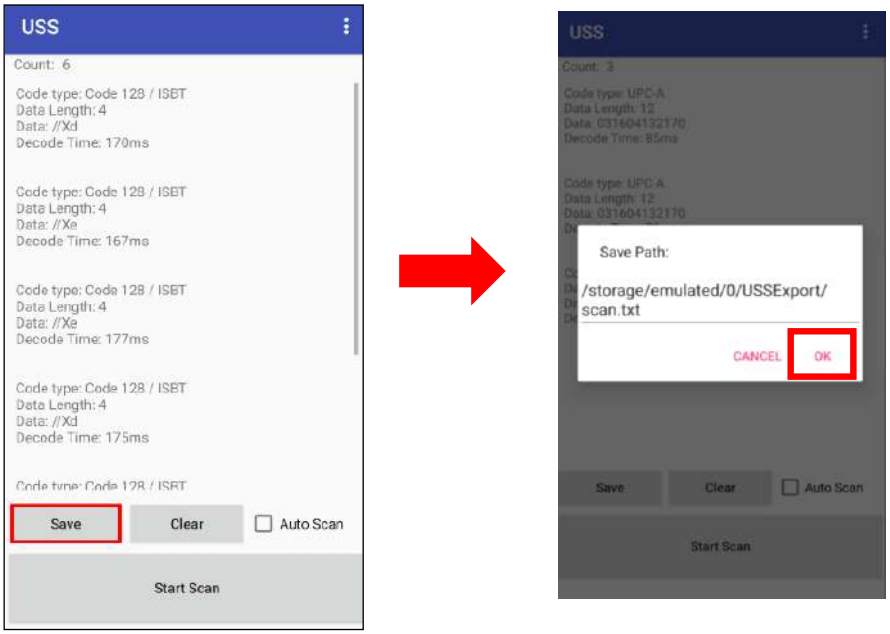
2. For **Save / Load Settings,** and **Factory Default,**

   Please tap  and to select **Save / Load Settings,** and **Factory Default.**

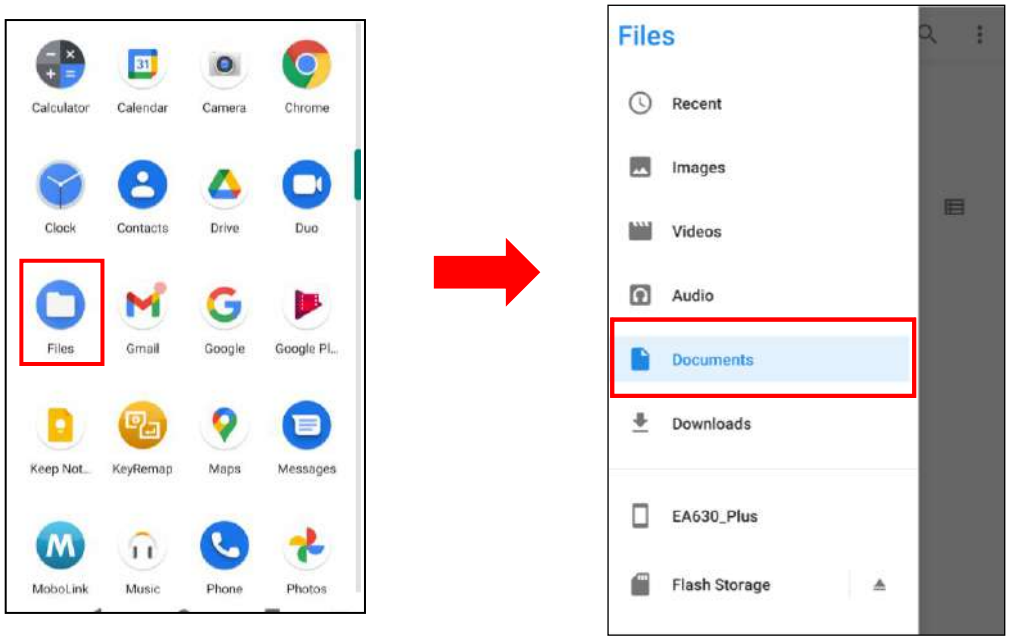


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3. To save settings, you can also tap **Save** on the screen and input path then tap **OK**.

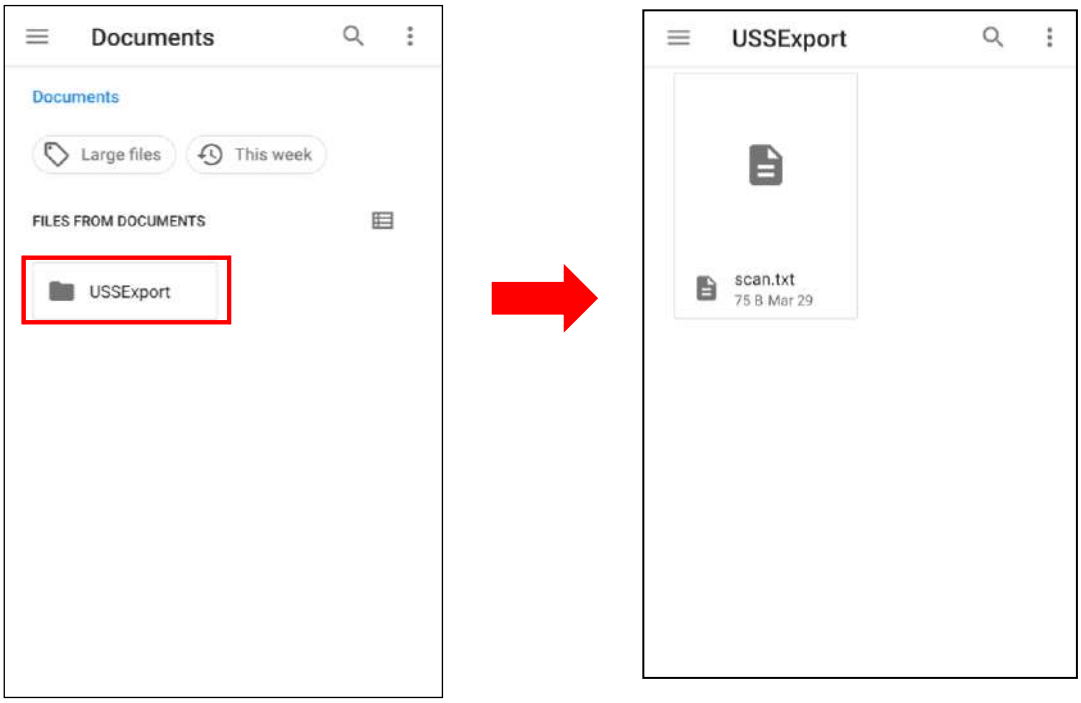


The saved data is stored in Files (Please see 3.2 Files) → Documents



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USSExport → scan.txt.



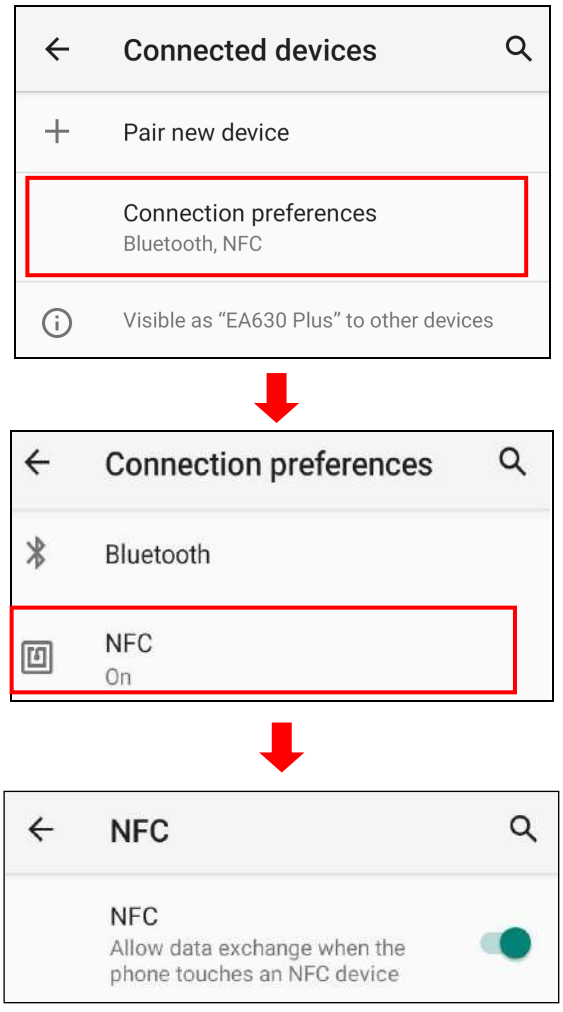
Note: For more information, please refer to 3.1 USS (Unitech scan service)

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2.2 HF Setting

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap  **Settings** and then tap **Connected devices**.

2. Tap **Connection Preferences** to enable **NFC**



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3. Make sure that both devices are unlocked and have NFC turned on. Also make sure that the NFC antenna area of EA630 Plus and the other phone's NFC area are close to one another. Slightly move the phones until connection is made. Tap the screen.

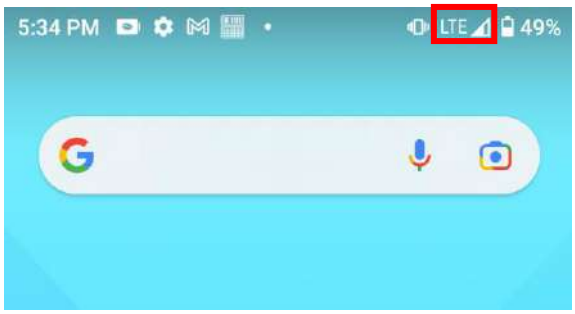


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2.3 WWAN Setting

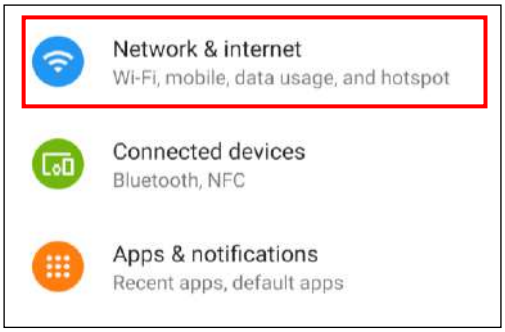
1. Turn off the terminal to insert the SIM card.
   Note : *• For the instruction, please refer to 1.4.6 Inserting the Micro SD/Nano SIMCard.*

2. Turn on the terminal, 4G signal will show at the top of the screen.



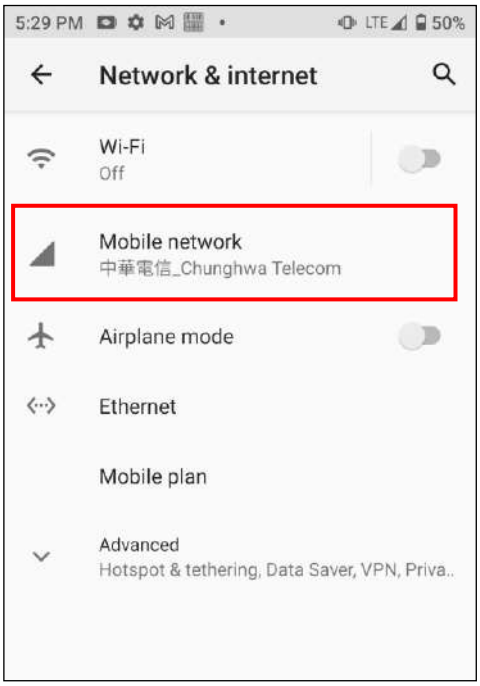
2.3.1 Mobile Network Settings

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap  **Settings** and then tap **Network & internet.**

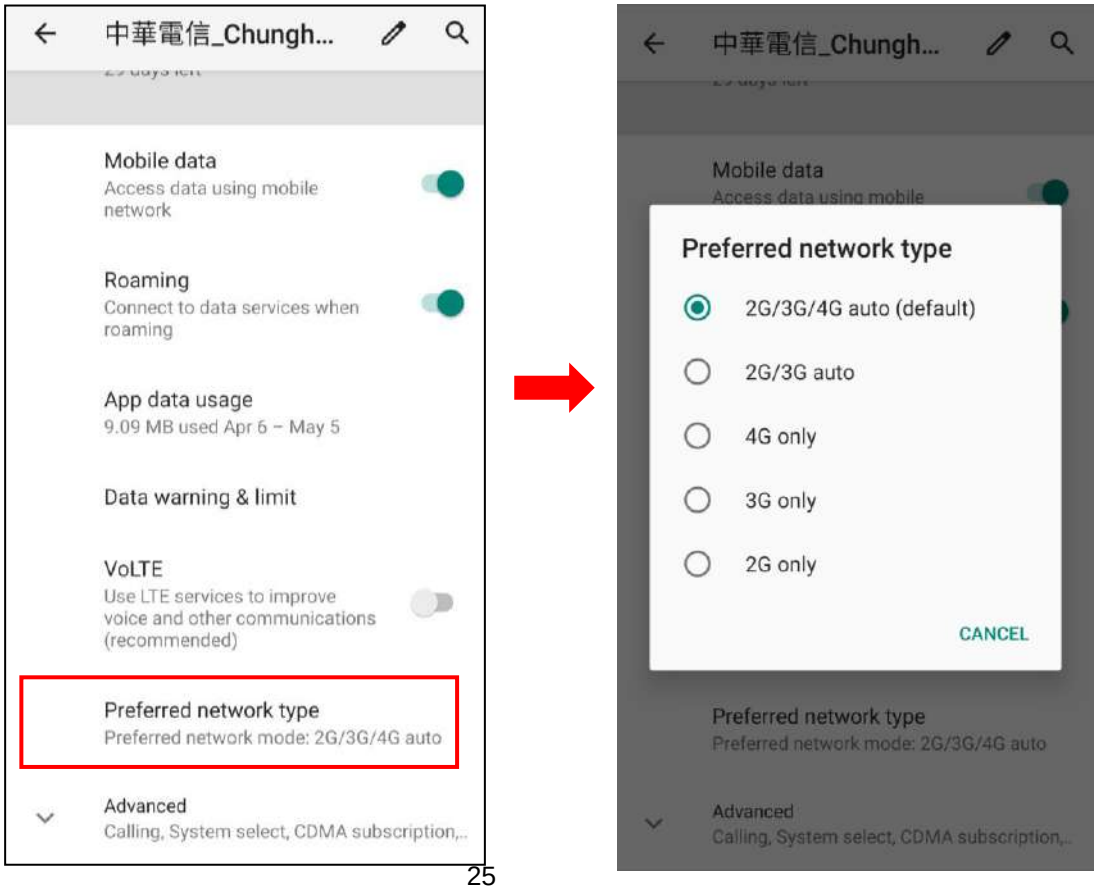


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2. Tap **Mobile network** for more network settings.



3. To choose different network type, please tap **Preferred network type.**

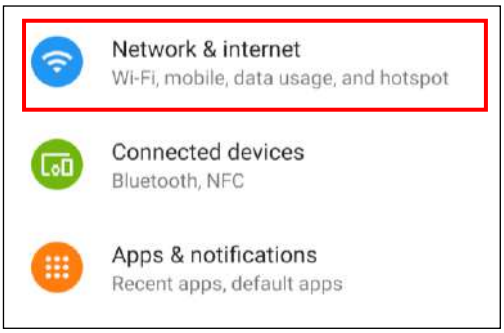


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2.4 WLAN Setting

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **Network & internet.**

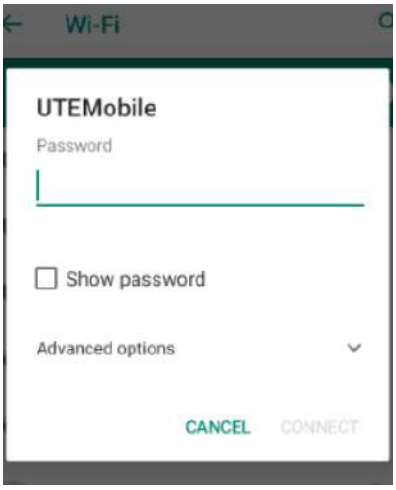


2. To see available networks, turn WLAN **ON**. And tap to choose the available networks.

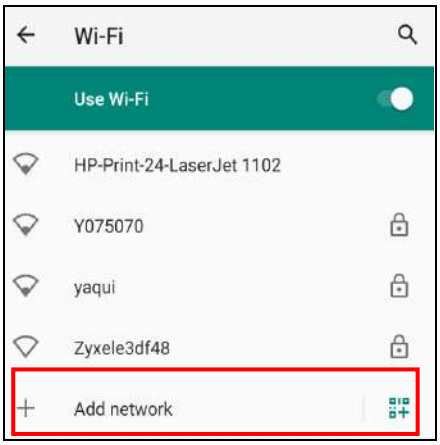


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3. Choose the available networks, and enter the Password and tap **Connect.**



4. If the wireless network that you want is not listed, tap **+ Add network** to manually add it.



5. When enabled, the  icon is displayed on the status bar.

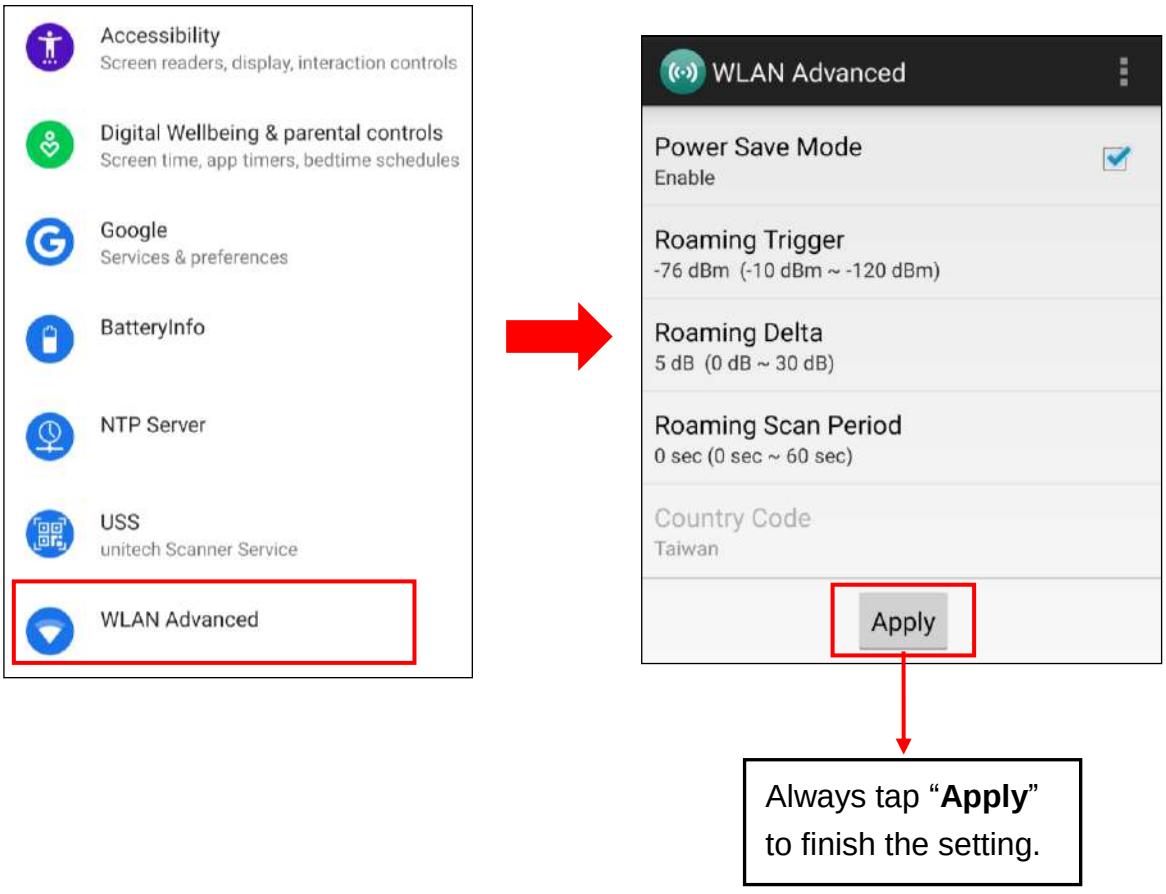
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2.4.1 WLAN Advanced

WLAN advanced can enhance the roaming behavior when the device is in areas of particularly low coverage or losing its connection to the network infrastructure and provides the power save mode to control the power consumption setting.
WLAN advanced will help users to manage the seamless roaming.

1. On the main screen, scroll the screen from down to top to reach the APPS, and tap 

Settings and then tap **WLAN Advanced.**



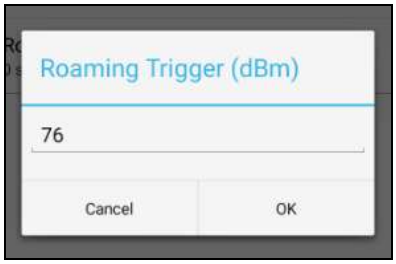
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- **Power Save Mode**

  Tap to enable the power save mode to set the WLAN module to its optimum power consumption setting.

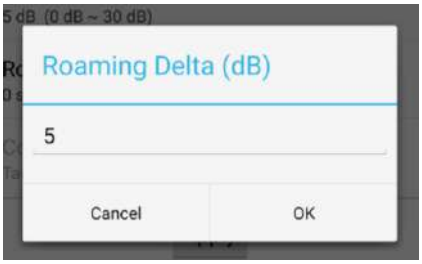
- **Roaming Trigger (Default : -76 dBm, Range : -10 dBm ~ - 120 dBm)**

  Roaming trigger will help users to look for a better and stronger signal strength (in dBm) by scanning many access points. When the signal strength is lower than roaming trigger value, roaming trigger will start to look for better access points.



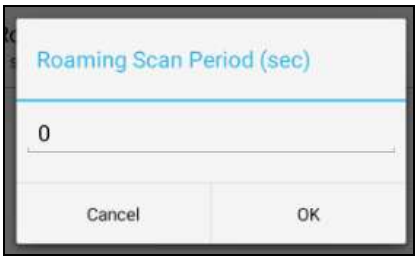
- **Roaming Delta (Default : 5 dB, Range : 0 dB ~ 30 dB)**

  Based on roaming delta value, the device will roam to a better signal strength access point.



- **Roaming Scan Period (Default : 0 ms, Range : 0 ms ~ 60 sec)**

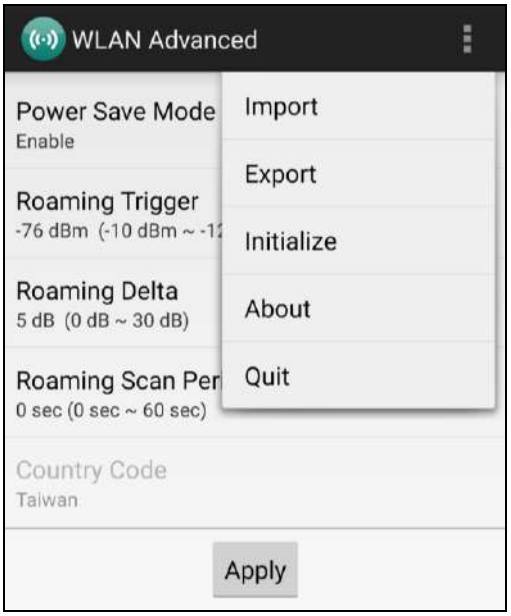
  The device will stay with the current AP based on the roam period value before it roams to a different AP.



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2.4.1.1 Other options

Tap  for more options to import / export the current data from the device. **Initialize** is able to restore the default settings.

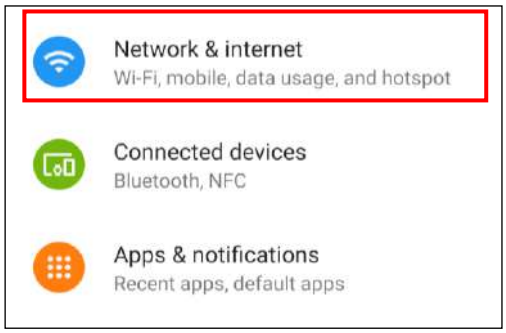


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2.4.2 Share Wi-Fi

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **Network & internet.**

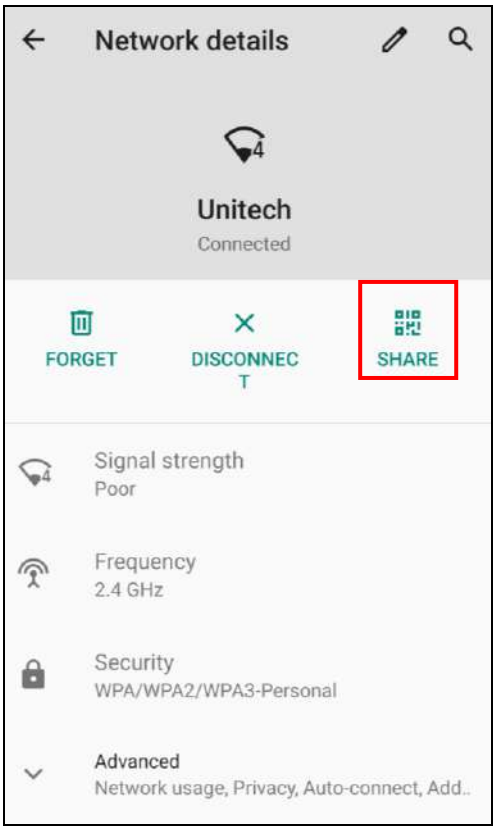


2. To see available networks, turn WLAN **ON**. And tap to choose the available networks.



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When Wi-Fi is connected, tap "**Share**" icon to show QR code.



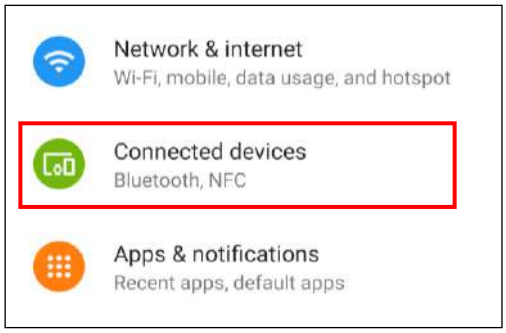


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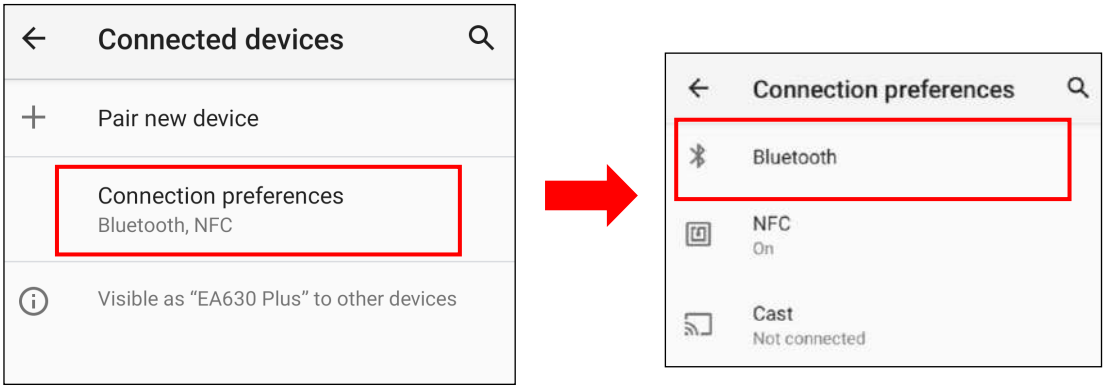
2.5 PAN Setting

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **Connected devices**.

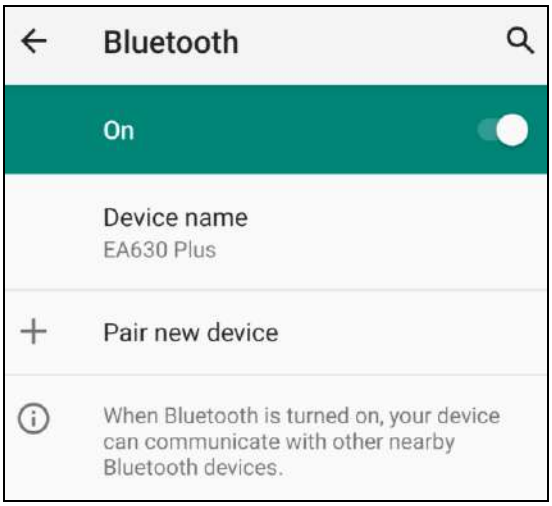


2. Tap **Connection Preferences** to enable **Bluetooth®**.



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3. Tap **ON / OFF** to enable / disable Bluetooth®.
   To pair the available device, turn Bluetooth® **ON** to choose the available device.

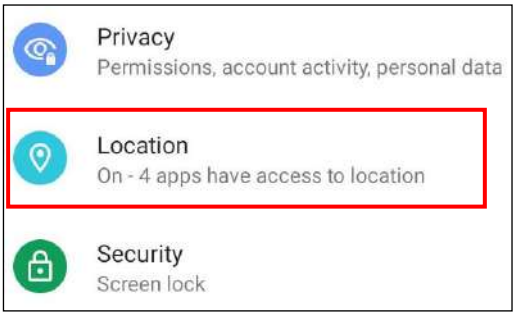


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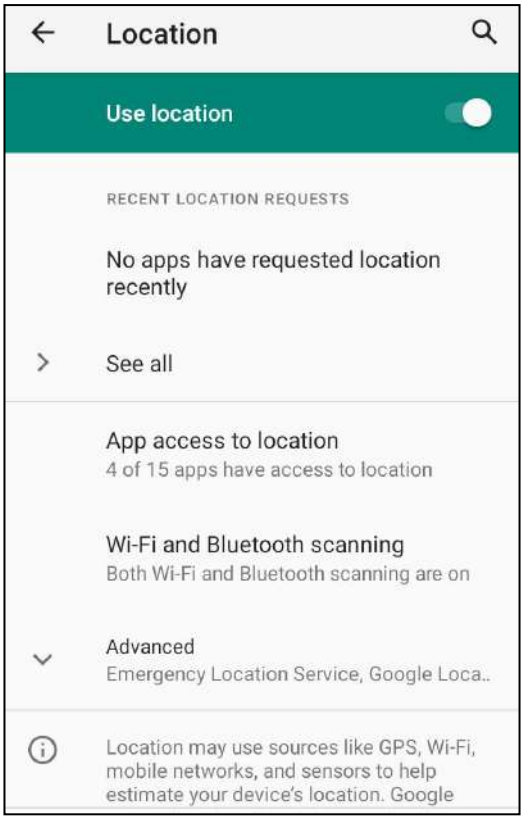
2.6 GPS Setting

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **Location.**



2. Tap **ON/OFF** for the permission to use your location information.



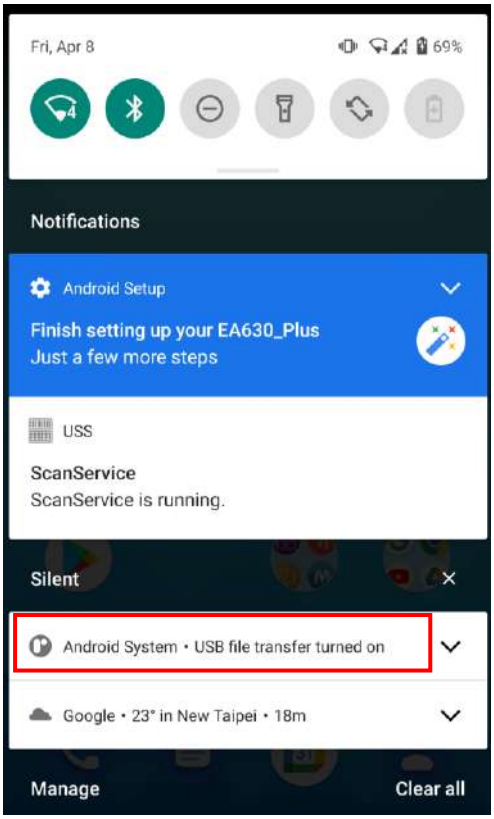
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2.7 PC Setting

1. Connect EA630 Plus to your computer with the USB type C cable. Your computer will recognize it is USB charging.

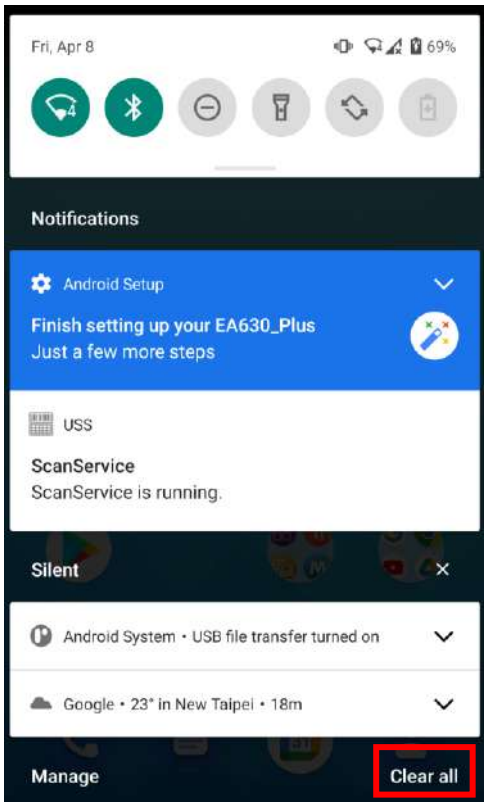


2. Slide down from top, the system will show as follow picture, then you can tap on **Android System Charging this device via USB**.

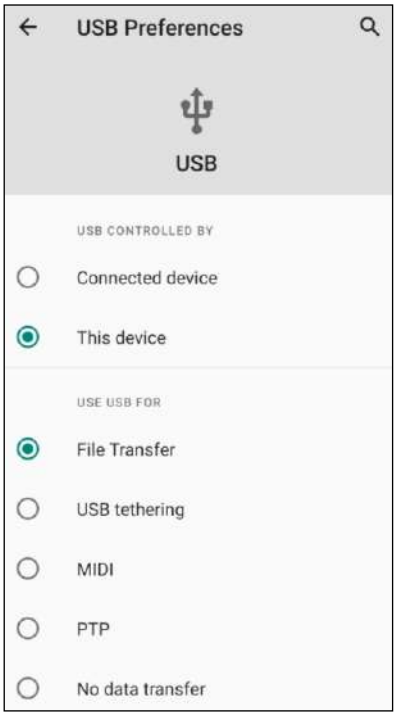


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Note: If you cannot find the Android System Charging this device via USB notification in step 2, click on CLEAR ALL and try again.



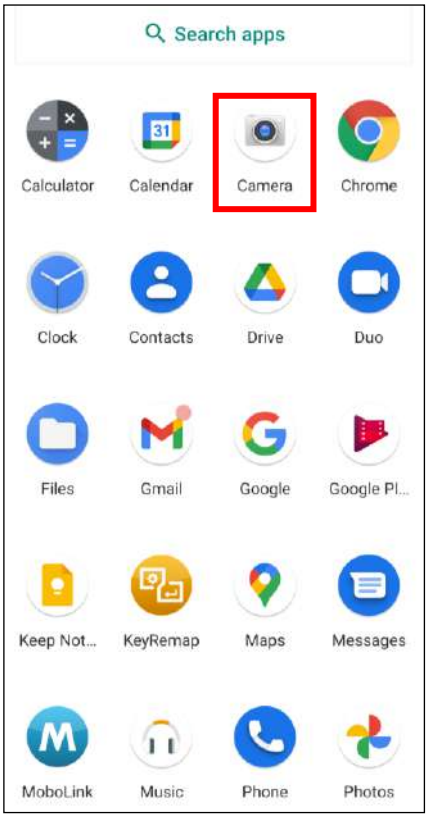
3. Then you can select File Transfer.



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2.8 Camera Setting

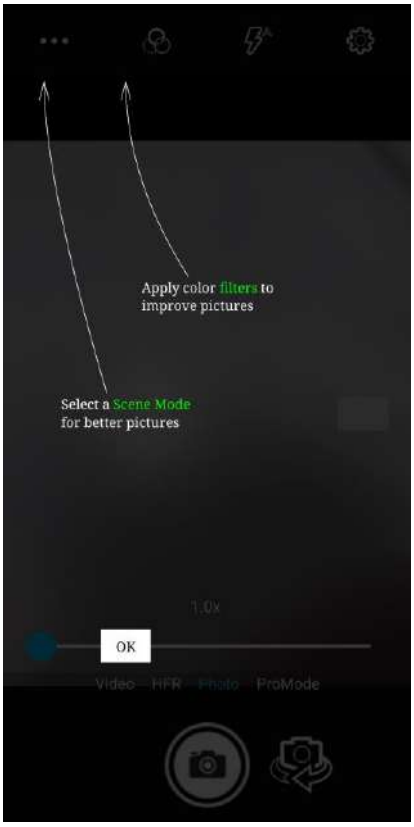
Scroll the screen from bottom to top to reach the APPS, and tap **Camera**.



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2.8.1 Introduction

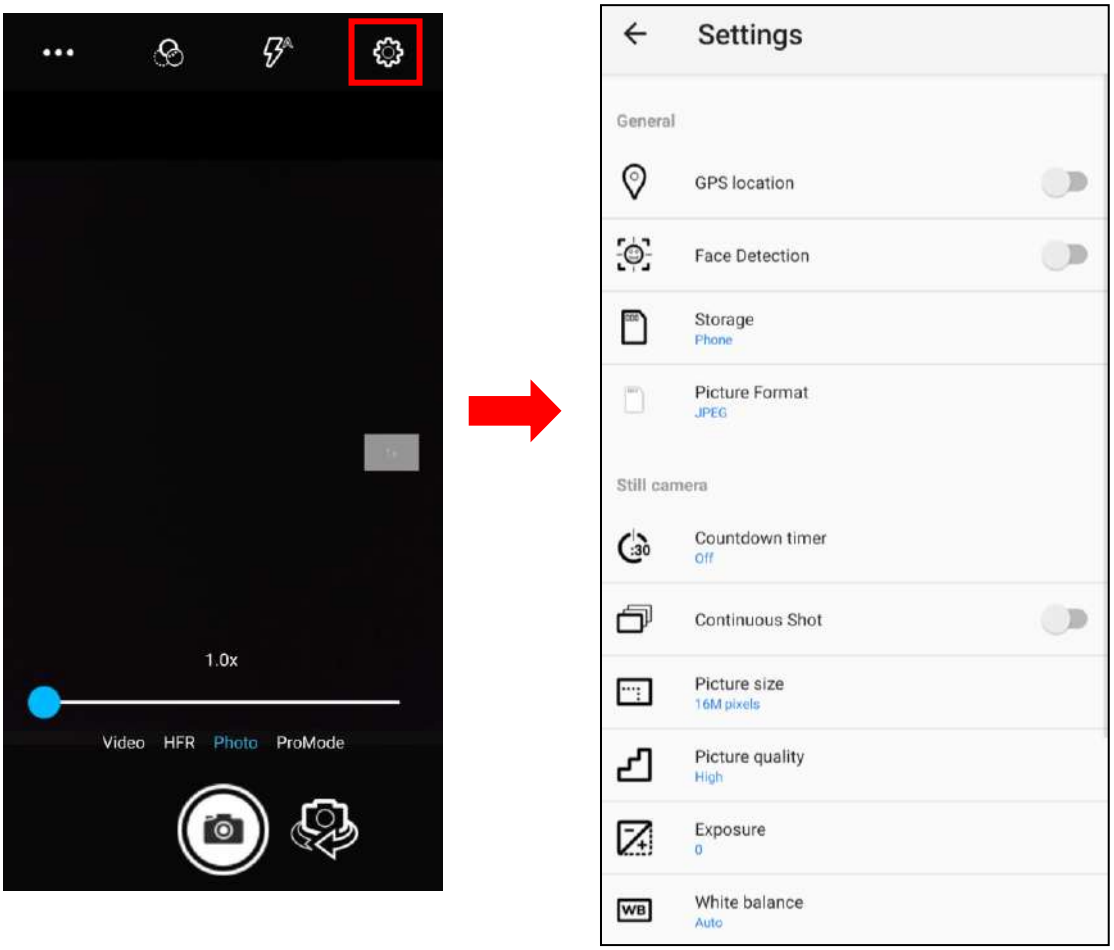
For the first time turn on, the screen will show a brief introduction about camera settings.



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2.8.2 Settings

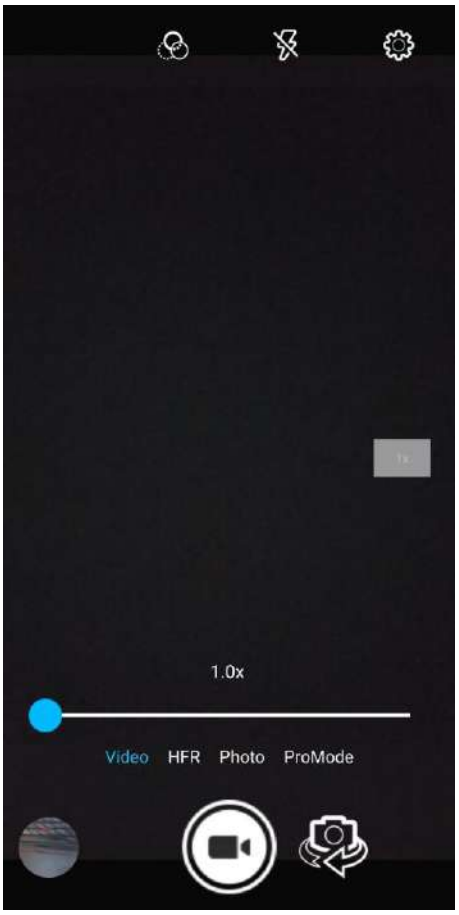
Please tap  to enter the settings section.



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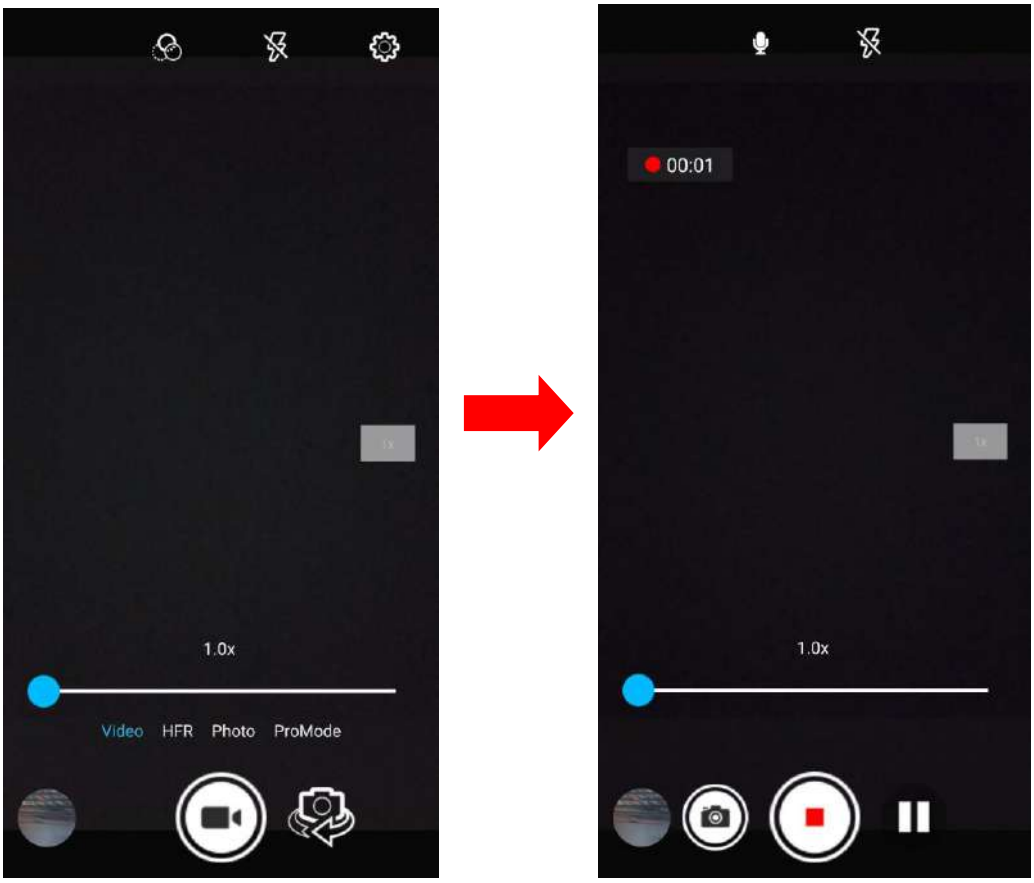
2.8.3 Record Videos

1. Tap on Video to switch to the Video mode.



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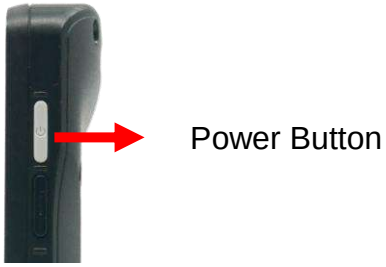
3. Once tap the record button, it will start recording.



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2.9 Performing a Hardware Reset

You may have to perform a reset if the device freezes (i.e., the terminal no longer responds to the buttons or tapping on the screen). Long press and hold the **Power button** around 10 seconds to restart the device.

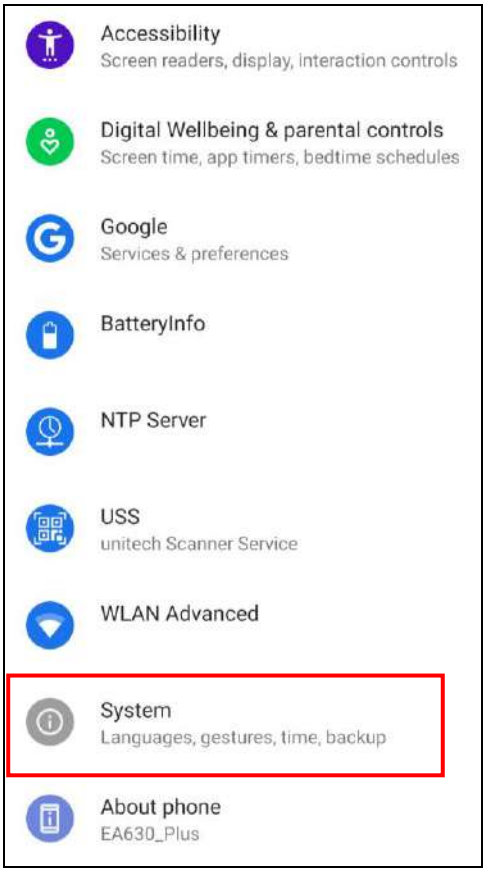


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2.10 Performing Factory data reset

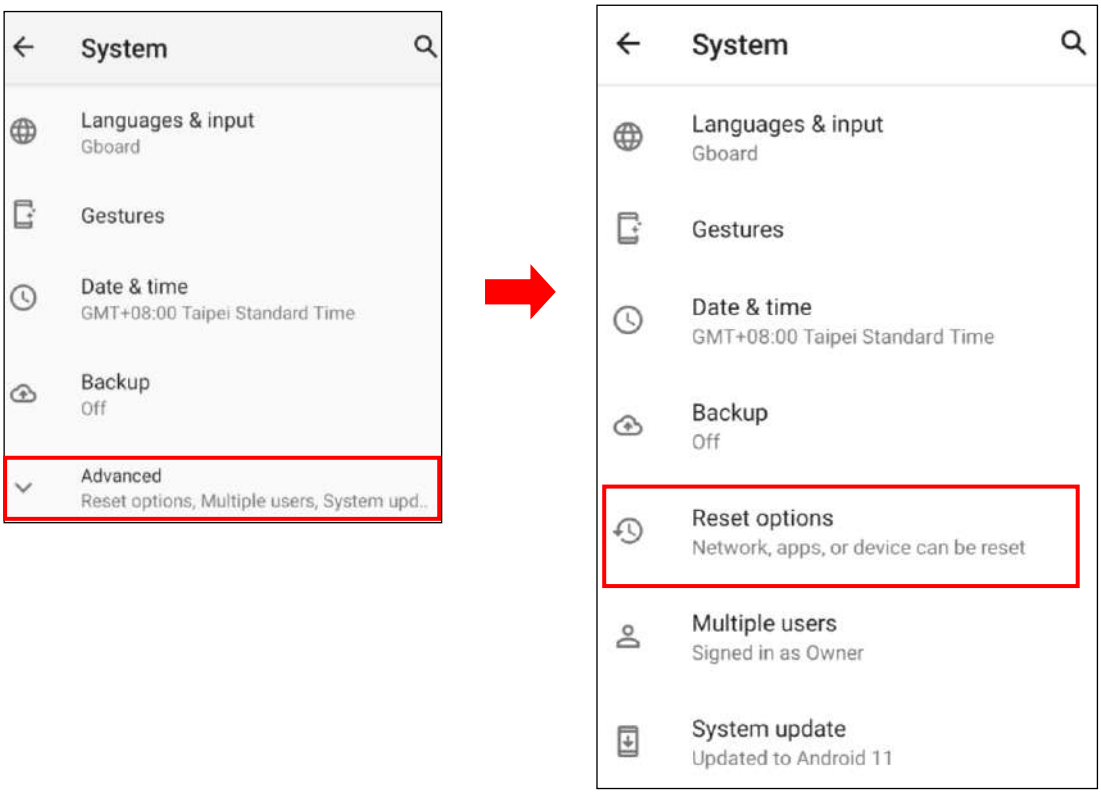
1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **System.**

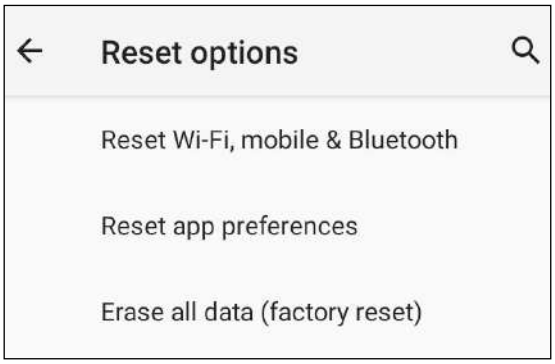


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2. Tap **Advanced** for more options, and then tap **Reset options**.



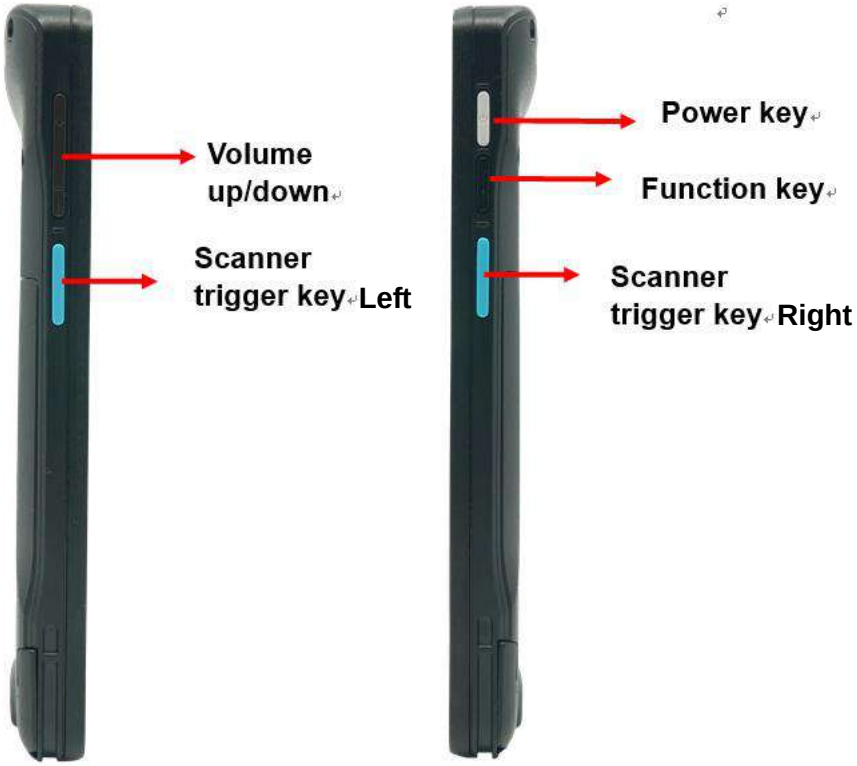
3. You can reset the system on **Reset options**.
   When you select **Erase all data (factory reset)**, it will erase all folders.



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2.11 KeyRemap

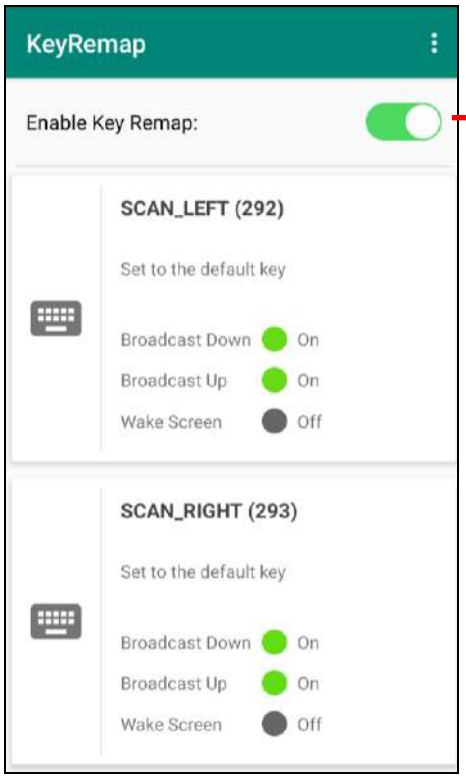
The EA630 Plus' keys can be programmed for users to be able to perform different functions or applications.
Four options to use key remap functions: SCAN_LEFT (Scanner Triger Key Left), SCAN_RIGHT (Scanner Triger Key Right), PROG_1 (Function Key), and VOLUME_UP, VOLUME_DOWN.



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2.11.1 Remap a key

On the main screen, scroll the screen from bottom to top to reach the APPS, and tap  KeyRemap. Select the keys to remap and enable key.



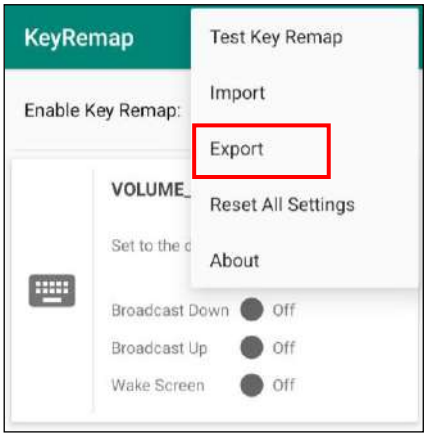
After remapping the key, remember to enable the key remap.

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2.11.2 Export / Import a remap Key Configuration file

■ Export file

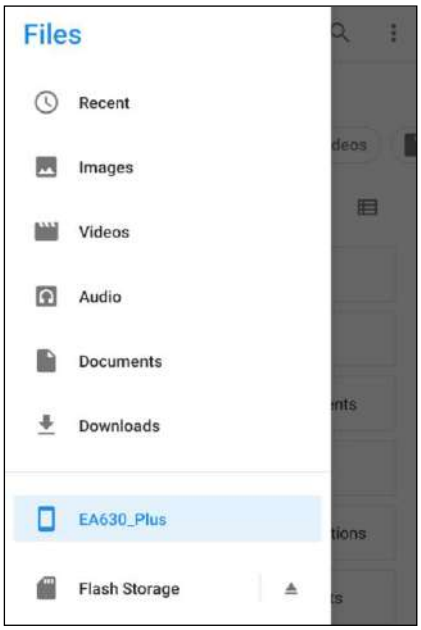
1. Tap 
2. Select **Export**

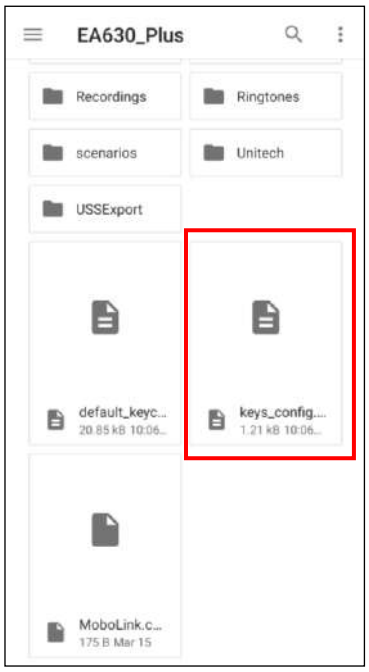


The remap Key configuration can be exported to a text file or imported into EA630 Plus.

Note: The configuration file (keys_config.txt) is saved in Files.

(For Files setting, please refer to 3.2 Files.)



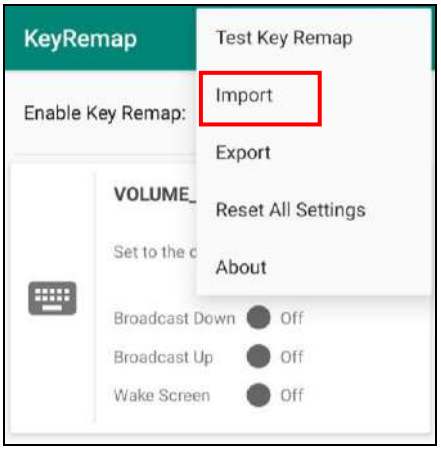


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■ Import file

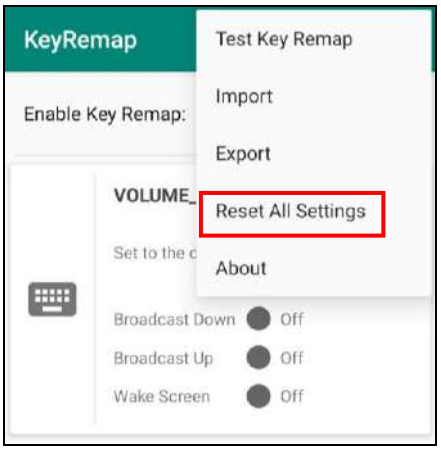
Before importing the file, please make sure the configuration file (keys_config.txt) is in the Files.

1. Tap 
2. Select **Import**



■ Reset all settings

1. Tap 
2. Select **Reset all settings**



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2.12 Split Screen

Split screen function allows you to have two apps work side by side on the same screen. Please follow the steps to enable split screen multitasking.

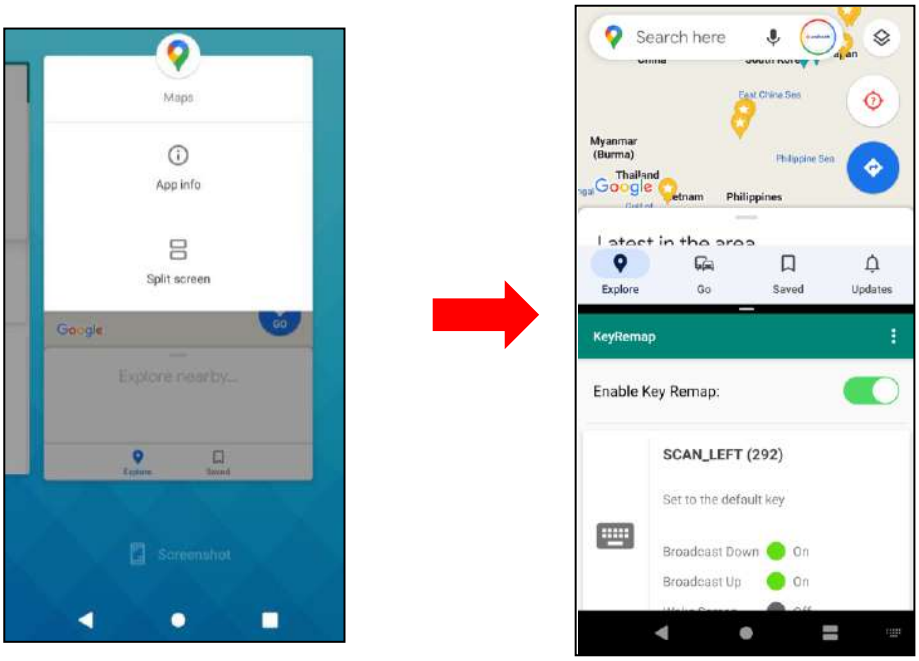
Note: Some apps may not work with split-screen.

1. Tap **Background APP button** until you see those background apps on the screen.

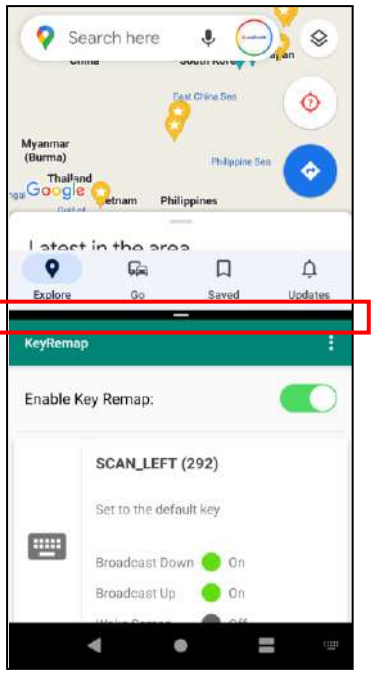


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2. Tap and hold the icon which appears above the APP thumbnail and then select "Split screen." First APP "Split screen" will be on top of the screen. For another APP to show on the bottom half of the screen, simply tap on the APP thumbnail.



3. To cancel split screen, simply drag up or down the black bar in the middle of the two APPs to expand the app that you would like to keep in full screen.



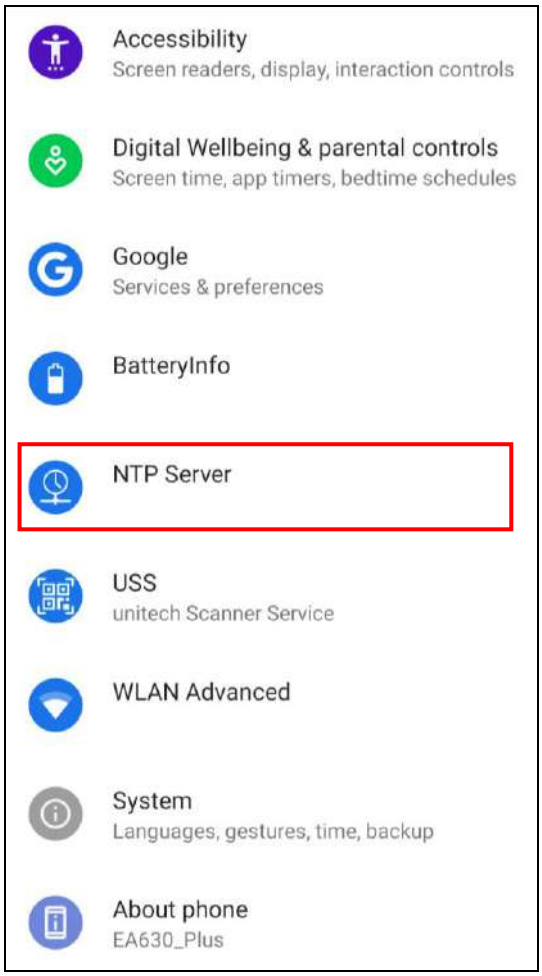
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2.13 Network Time Protocol (NTP) Server

The Network Time Protocol is used to synchronize the clocks over the Internet. Allow the users to set the clock by using NTP Server.

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

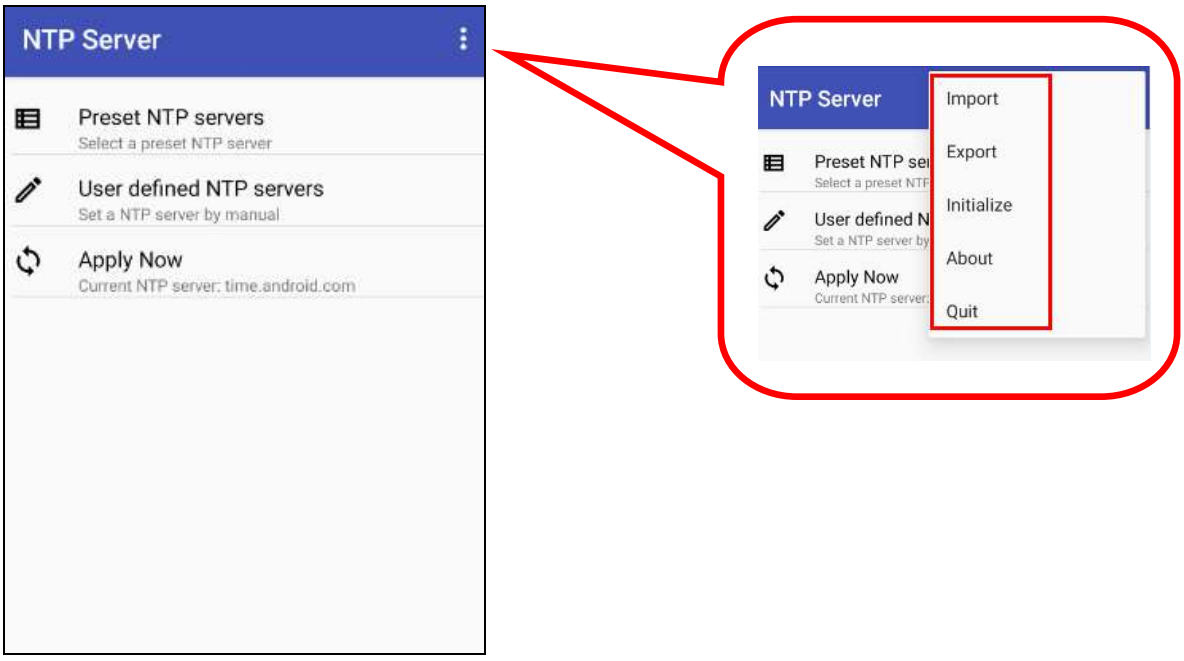
Settings and then tap **NTP (Network Time Protocol) Server.**



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2. On NTP Server, please choose the system preferences to set up network time.



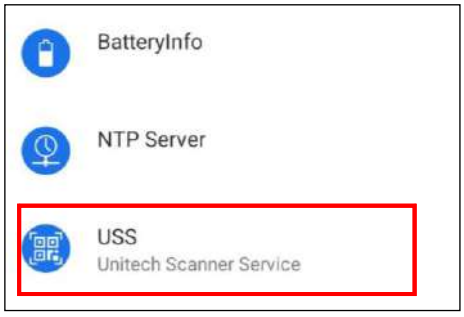
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Chapter 3 – Introduction to Applications

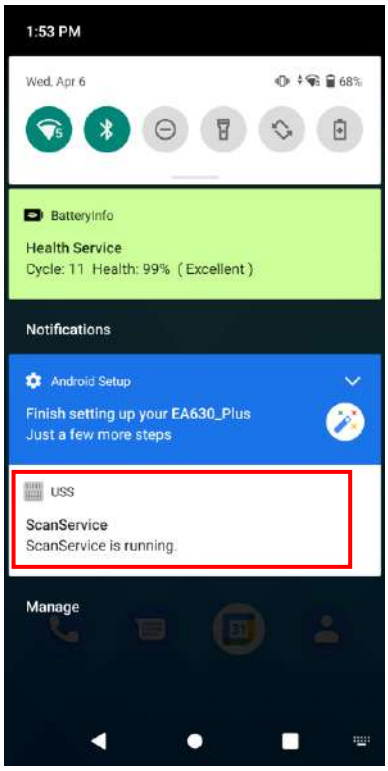
3.1 USS (Unitech scan service)

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap 

Settings and then tap **USS** (Unitech scanner service). Or from the notification bar to tap USS (Unitech scanner service).



Or



2. You now enter the Unitech scan service application.

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3.1.1 How to scan

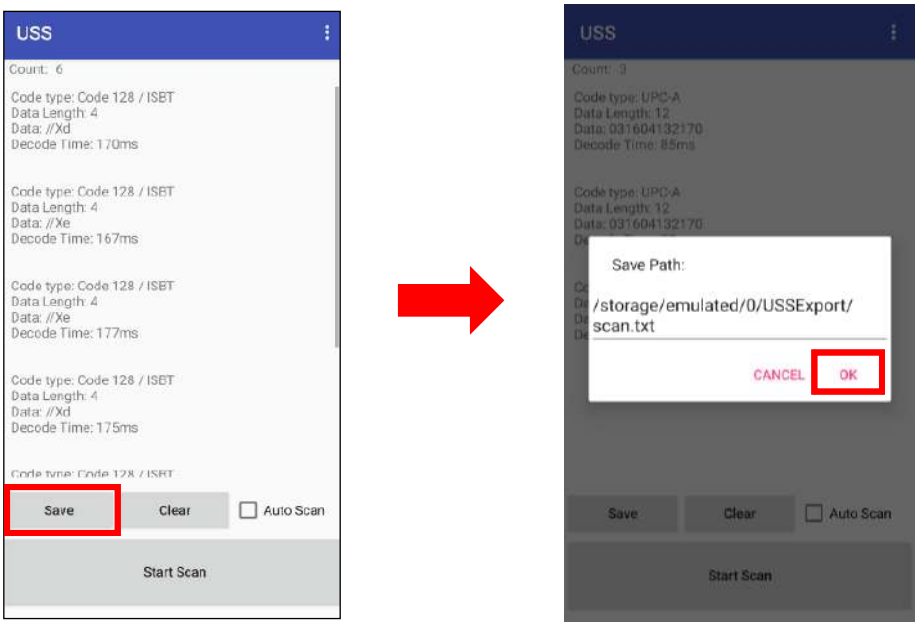
1. Aim the Barcode Scan Engine to the barcode and press one of two scan trigger keys or tap **Start Scan button**.



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1. After scanning the barcodes, the barcode information is shown as below.

2. To save the scanned data, tap **Save** and enter the path and filename, then tap **OK.**



3. More Options

   For more options and settings, please tap .

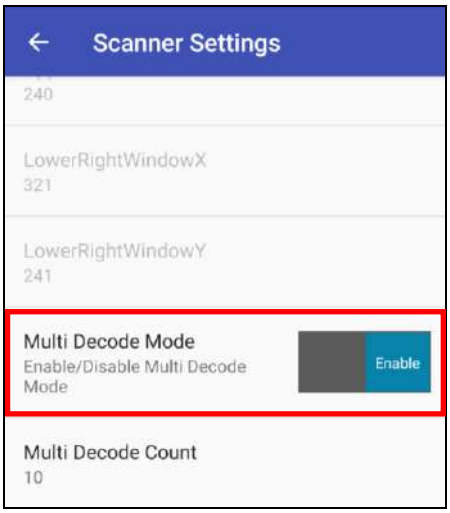


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3.1.2 Multi Decode Scan Mode

Multi decode scan function allows users to scan multiple barcodes at once.

1. Tap , Choose **Scanner Settings**
2. Enable **Multi Decode Mode**, and input the barcode decode count (up to 10 counts) and start multi decode scan.

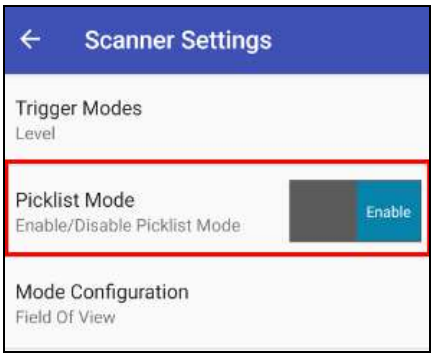


3.1.3 Picklist Mode

Picklist mode enables EA630 Plus to decode only barcodes that are aligned under the laser crosshair or LED aiming dot.
For picklist mode demonstration, please click on our Youtube channel for more information : https://www.youtube.com/watch?v=QjT2E6hxD_k

1. Tap , Choose **Scanner Settings**
2. Enable **Picklist Mode**, and allows users to easily select and scan a single or specific barcode from a field of barcodes.

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3.1.4 More information about USS

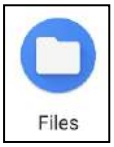
For more information about USS, please download the document from the below link:

http://w3.tw.ute.com/pub/cs/manual/uss/USS-RA-1-MANUAL_en20210326.pdf

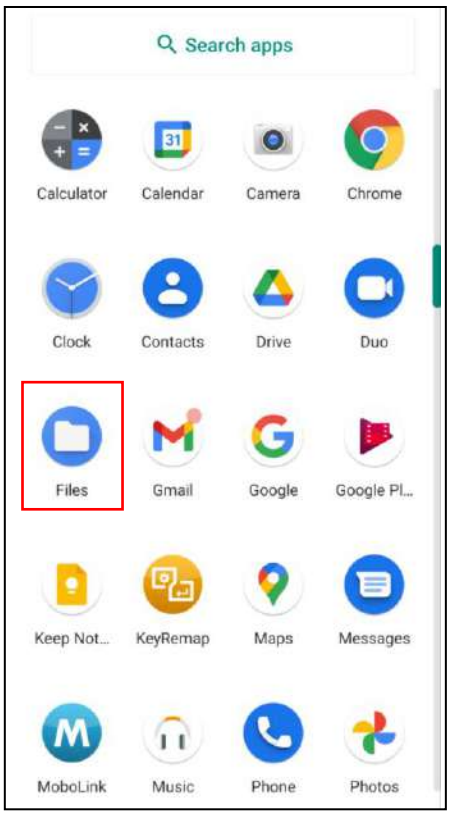
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3.2 Files

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and

tap 

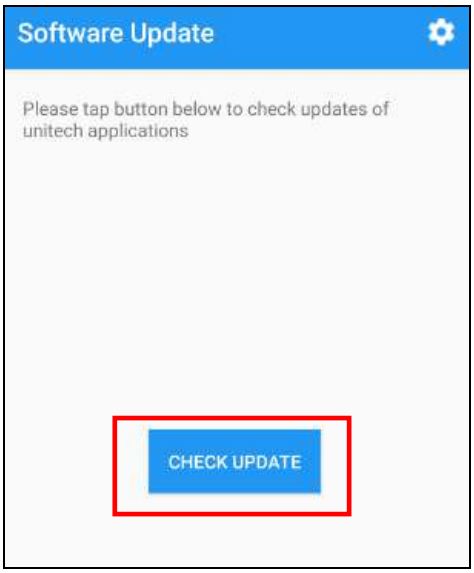
Files.



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3.3 Software Update

1. On the main screen, scroll the screen from bottom to top to reach the APPS, and tap  **Software Update**.
2. To update or check the latest version of each application, please tap **CHECK UPDATE.**
3. Select the Apps to be updated, and click **Update**.



3.3.1 Software Update Settings

Tap  for more settings on Software Update.



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- **Operation Mode**
  - Normal Mode → User can manually select apps to update
  - Auto Mode → Apps are automatically checked and updated each time Software Update is run.
  - Silent Mode →Similar to Auto Mode, but the GUI is hidden when updating (Software Update is run in the background).

- **Update Policy**
  - App Updates → Configure whether all or only the selected apps are updated, or turn off App Updates altogether.
  - New App → Configure whether new apps are being installed when they become available for your device.

- **Passcode** → Configure a password to access the Software Update Settings menu.

- **Import / Export / Reset** → Import or Export settings to a file, or Reset all settings to factory default. You can find the exported settings file in the Internal Storage: /unitech/usus/usus_config.stxt

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3.4 StageGO

StageGO is a barcode-based device staging solution from Unitech. StageGO helps IT admins to swiftly set up a device by just a few barcode scans.

Features

- Swift and effortless device staging for Unitech Android Mobile Devices.
- Device staging becomes more accessible, time-efficient, and secure.
- Complete device control at your fingertips.
- Data Compression.
- Security and Privacy.
- No installation required.

Using StageGO to configure a device is in 3 simple steps:

Step1: Create Script –



It all begins with IT staff creating a StageGO Script on the easy-to-use and secure web-based Script Editor. A StageGO script can contain one or more staging commands such as change system settings, connect to WiFi, download files, install apps, or set restrictions, etc.

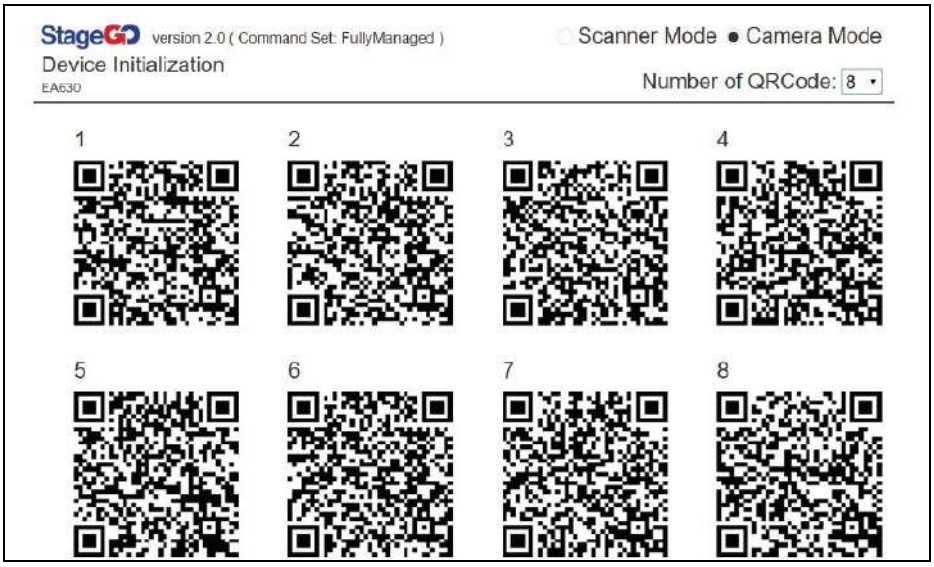


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Print QRCode

This is when the script is ready to be transformed into QRCodes and get printed out for distribution to the fields. The QRCodes are always encrypted so that sensitive information such as username and passwords will stay hidden. You can also choose to save your script as an ecnrypted file and share it with a colleague.

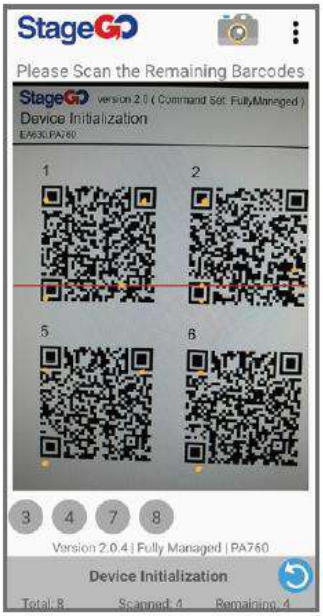


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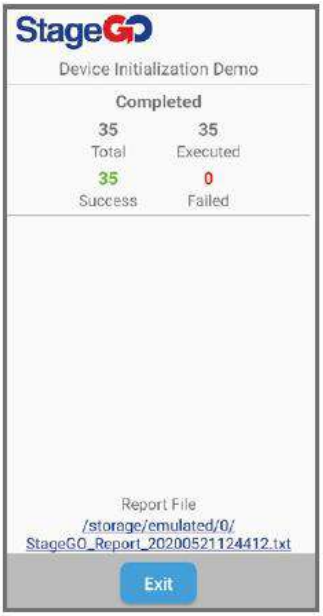
Step 3. Scan QRCode:

Scan QRCode

The device user scans all the QRCodes into the StageGO app, or alternatively load script from file. The script will then automatically start to execute. Users will be informed of the progress of the execution, and should any execution errors occur, the execution report can be shared to IT admins for investigation.







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