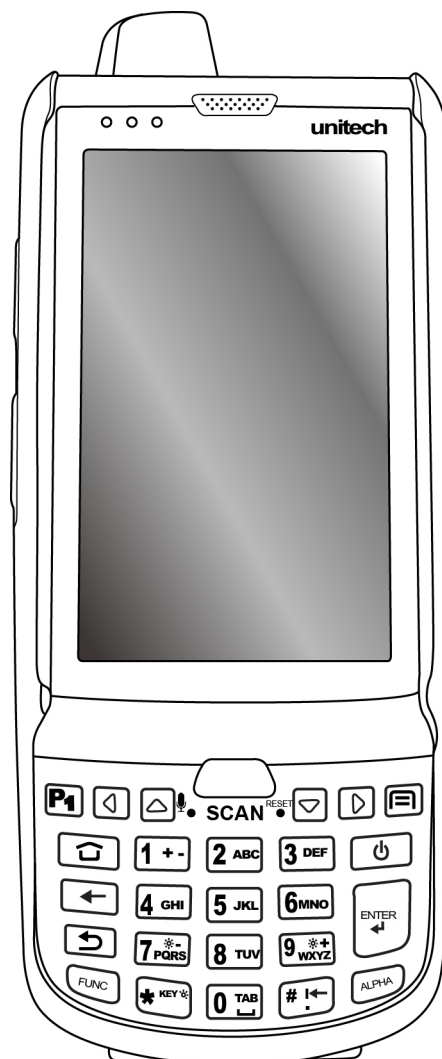


Rugged Handheld Computer

- PA692A -



User's Manual

Version 1.6

Revision History

Date	Change Description	Version
20160128	first published version	1.0
20160223	Update 1.4.4, 2.11, 3.2, and3.3 Add 2.12	1.1
20160504	1.update Sar	1.2
20160701	1. Update Spec 2. Change 3G to 4G	1.3
2016/12/22	Update spec.	1.4
20170110	Delete SIM Card caution	1.5
2019/01/08	Update SPEC	1.6

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. All product and company names are trademarks, service marks, or registered trademarks of their respective owners.

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.

–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.

Operation on the 5.15 - 5.25GHz frequency band is restricted to indoor use only. The FCC requires indoor use for the 5.15-5.25GHz band to reduce the potential for harmful interference to co-channel Mobile Satellite Systems. Therefore, it will only transmit on the 5.25-5.35 GHz, 5.47-5.725 GHz and 5.725 – 5.850 GHz band when associated with an access point (AP).

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 1.5 cm from the body.

Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Canadian Compliance Statement

This Class B Digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B respecte les exigences du Règlement

sur le matériel broilleur du Canada.

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 R&TTE 1999/5/EC directive, the EMC 2004/108/EC directive and the Low Voltage 2006/95/EC directive.

The declaration of conformity is available for download at :

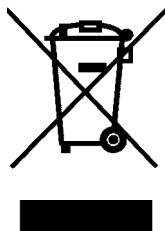
<https://portal.unitech.eu/public/Safetyregulatorystatement>

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 EU directive 2002/96/EC and update 2003/108/EC 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>

Taiwan NCC Warning Statement

低功率電波輻射性電機管理辦法

第十二條：經型式認證合格之低功率射頻電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。

第十四條：低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現有干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。

低功率射頻電機需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。

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。

SAR 標準值 2.0W/Kg，送測產品實測值為 1.838w/Kg

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 825-1. 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.

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.
 - Keep the battery cool. Avoid hot vehicles. For prolonged storage, keep the battery at a 40% charge level.
 - 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

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 and make the batteries unstable and dangerous. Please use a battery temperature detecting device for a charger to ensure a safe charging temperature range.

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.*

Hearing Damage Warning

Zx.3 Warning

The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following:

- the symbol of Figure 1 with a minimum height of 5 mm; and
- the following wording, or similar :

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



Figure 1 – Warning label (IEC 60417-6044)

Alternatively, the entire warning may be given through the equipment display during use, when the user is asked to acknowledge activation of the higher level.

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 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	Europe 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 Tel: +86-59-2310-9966 E-mail: info@cn.ute.com Address: Room401C, 4F, RIHUA International Mansion, Xinfeng 3rd Road, Huoju Hi-tech District, Xiamen, Fujan , China Website: http://cn.ute.com	Japan 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 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	Latin America 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 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	Please scan QR Code to visit us : 

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 PA692A gift box.
If something is missing or damaged, please contact your unitech representative.

The standard package contents

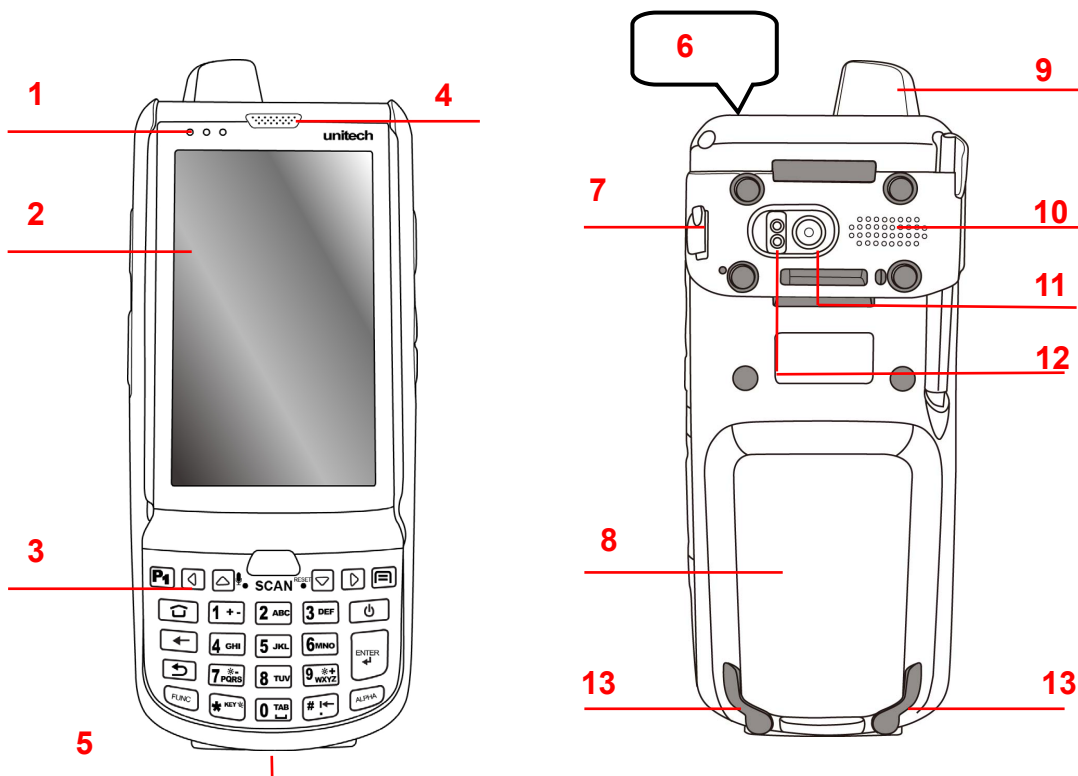
- PA692A Terminal
- Battery
- Plugs + Power Adapter
- Hand Strap
- USB cable
- Regulatory Compliance Statements

Optional accessories

- Vehicle Cradle (Car Kit)
- Single slot USB Cradle
- RS232 cable
- Single Slot Ethernet cradle.
- 4 slot Multi-Bay Ethernet Cradle
- 4 slot battery charger
- Gun grip
- Earphone

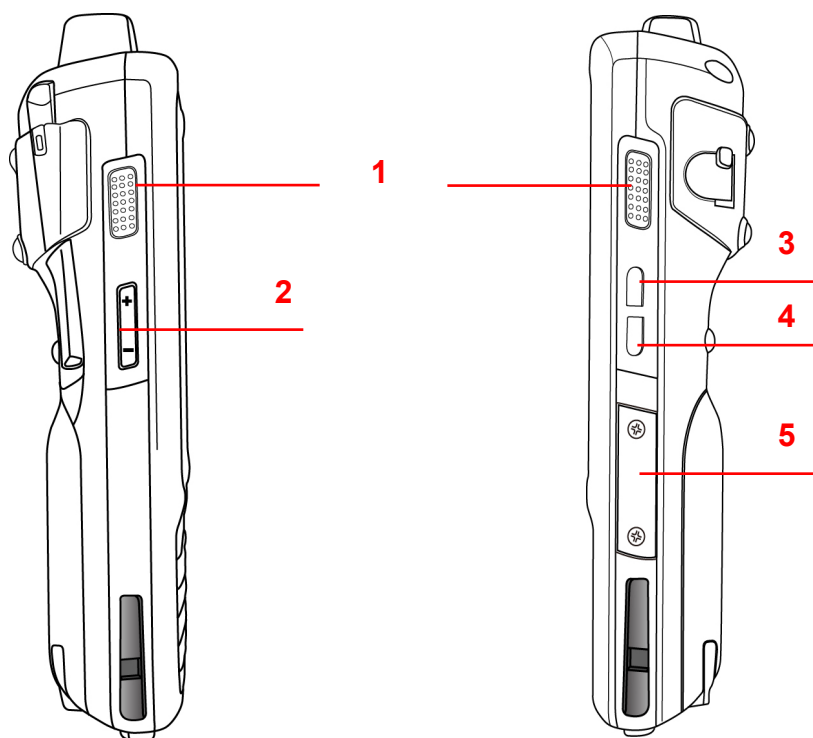
1.2 Product Detail

PA692A Front and Rear View



- | | |
|--------------------------|-----------------------------------|
| 1 LED indicators | 8 Battery cover |
| 2 LCD touch screen | 9 Antenna |
| 3 Keypads | 10 Speaker |
| 4 Receiver | 11 5 megapixel / Autofocus camera |
| 5 Universal connector | 12 LED flash light |
| 6 Barcode scanner window | 13 Battery cover tab |
| 7 Earphone jack | |

PA692A Left and Right View



1 Scanner trigger button

2 Volume up/down

3 Vibration/Mute mode

4 Camera mode

5 MicroSD card slot

1.3 Specifications

System Features	
CPU	TI OMAP 4470 1.5GHz Dual Core Processor
Memory	1GB Mobile SDRAM 8GB eMMC / MLC Flash
OS	Android 4.3 Jelly Bean
Languages support	English, Simplified Chinese, Traditional Chinese, Japanese, Spanish, German, French and multiple languages
Display	
Gorilla Glass III with 5-point capacitive touch panel	
3.77" Color 570nits High Brightness 480x800 dots Color Transmissive type's TFT	
Keypad	
Numeric keypad -- Total 26 keys QWERTY keypad -- Total 44 keys	
Indicator	
3 LED indicators Vibrator	
Symbolologies	
1D	All major codes
2D Imager (2D is only available when the 2D imager is on your device)	PDF417 MicroPDF417 Code 128 Emulation Data Matrix Data Matrix Inverse Decode Mirror Images (Data Matrix Only) Maxicode QR Code QR Inverse MicroQR Aztec Aztec Inverse Han Xin Han Xin Inverse

Engines	
1D Laser	<p>SE965 :</p> <p>Light Source: Laser drive circuit controlling a 650 nm laser diode</p> <p>Optical Resolution : 5 mil</p> <p>Scan Repetition Rate: 104(±12) scans/sec (bidirectional)</p> <p>Print Contrast : 25%(min) absolute dark/light reflectance measured at 650 nm.</p> <p>Ambient Light Immunity Light Source: Sunlight 10,000 Ft Candles (107,640 Lux)</p>
2D Imager	<p>SE4750SR (LASER AIMER) :</p> <p>Sensor Resolution: 1280 x 960 pixels</p> <p>Field of View: Horizontal: 48°, Vertical: 36.7°</p> <p>Aiming : 655 nm Laser</p> <p>Illumination Element: 2 x Warm white LED</p> <p>Minimum Bar Code Print Contrast : 20%</p> <p>Ambient Light: Max 107,639 lux (direct sunlight)</p>
Audio	
1W speaker 85 dB at 10cm , 3.5mm Audio Jack, Receiver, Microphone	
Regulatory Approvals	
CE, RoHS compliance	
Communication	
USB	USB 2.0
WLAN	IEEE 802.11 a/b/g/n
WWAN	<p>4G LTE FDD : EU(Band3/Band8), US(Band2/Band5)</p> <p>UMTS (WCDMA) : EU(900/1800/2100MHz), US(850/1900 MHz)</p> <p>GSM/GPRS/EDGE : EU(900/1800 MHz), US(850/1900 MHz)</p>
RFID/HF (Optional)	<p>Frequency: 13.56MHz</p> <p>Tag Support: ISO15693, ISO14443A , ISO14443B</p> <p>Support NFC</p>
GPS	12 x 12 mm patch antenna
Camera and Flash Light	
5MP CMOS Sensor autofocus camera with dual LED flash light	
External Storage	

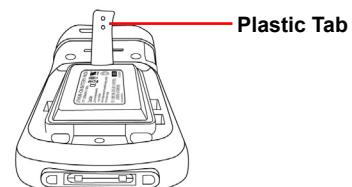
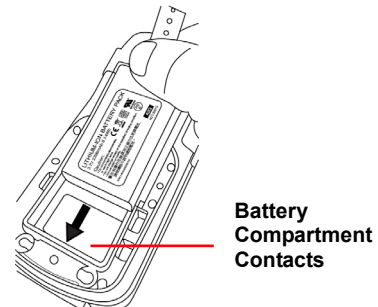
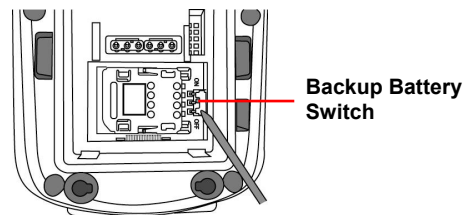
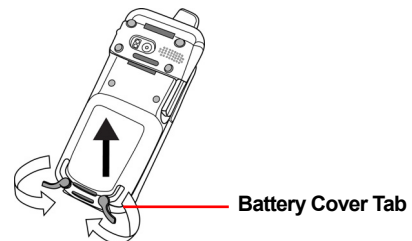
Support MicroSD memory card up to 32GB	
Other Sensors	
eCompass	
G-sensor	
Power Source	
Standard Battery	2200mAh / 3.7V, full charge should over 95% capacity
Double Battery	4000mAh / 3.7V, full charge should over 95% capacity
Backup Battery	11mAh / 3.1V
Enclosure	
Weight	390g with 2200mAh Battery
Dimension	Approximately 177.66mm (L) x 40.41mm (H) x 74.58mm (W) (Antenna length included)
Environmental	
Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Charging Temperature	32°F to 104°F (0°C to 40°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.5 meter
Environmental Sealing	IP65
Vibration and Shock test	MIL-STD-810F, 514.4 process II
Software	
Android 4.3 API level 18	

1.4 Getting Started

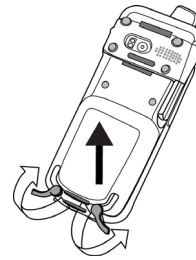
1.4.1 Installing the Battery

A backup battery cell is embedded into your device to prevent data loss when the main battery pack is removed or completely discharged. This backup battery will keep the data and system setting for up to 2 hours if the main battery is removed.

1. Open the battery cover by sliding the tabs on both sides in the direction of the arrows shown and lift the cover up.
2. Push up the backup battery and switch to the "ON" position by using any tip of a pen to turn on the backup battery.
3. Slide and position the battery pack, making sure the battery contacts are aligned with the contacts in the compartment.
4. Use your thumb to snap the battery in place.



5. Replace the battery cover by pushing down on the tabs and sliding them back into place as shown.



NOTE: Make sure the battery cover is securely closed, or you may be unable to turn ON the terminal.

NOTE: To enable the backup battery cell to provide backup power supply, charge your device with the main battery pack for at least 24 hours.

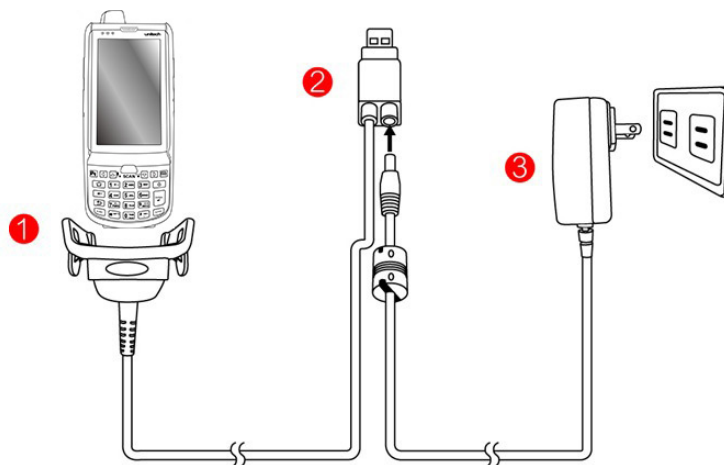
NOTE: To power on the device properly, make sure to replace the battery cover after installing the battery.

WARNING! There is a risk of fire and burns if the battery pack 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 pack. Dispose of used batteries according to local recycling guidelines in your area.

1.4.2 Charging the Battery

Before using the terminal for the first time, you need to charge it for about 24 hours. After that, you can charge the terminal for 3 hours to recharge the battery to full capacity. Charge the terminal using the USB charging cable or the docking station.

1. Press and hold the release button on both sides of the USB charging cable and connect it to the PA692A.
2. Plug the AC adapter cable into the power jack of the USB charging cable.
3. Plug the AC adapter cord into an electrical outlet.




WARNING! Turn ON the backup battery switch before charging the battery.

Data you entered may not be properly stored until the built-in backup battery has been adequately charged.

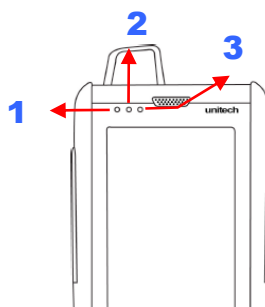
1.4.3 Turning on the terminal for the first time

After you have initially charged your device for about 24 hours, the device is ready to be used. You can now start up your device. You can then set up the languages, WiFi setting, and date and time.

Power-On Button

Turn ON your device by pressing the power button  on the front panel.

1.4.4 Checking the LED status



	Status	LED	Description
Terminal	LED 1 : Scan	Green light blinks once	Successful reading
	LED 2 : Power	Solid Red light	Being charged
		Solid Green light	Fully charged
	LED 3 : This LED indicator is reserved for windows mobile operation system. Not activated in Android.		

Checking the Battery Status

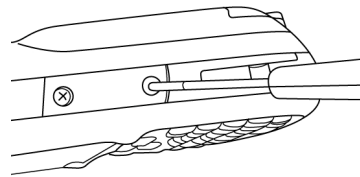
If the battery level becomes low in the course of normal use, a status icon appears on the device screen indicating low or very low battery status. In both cases, connect PC with USB to back up your data, and then recharge your device as soon as possible.

1.4.5 Using the MicroSD Memory Card

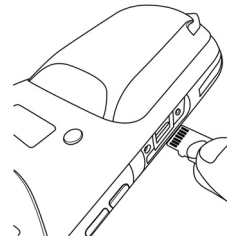
The PA692A has an expansion slot compatible with a range of MicroSD memory cards, which are primarily used to back up or transfer files and data.

Inserting a Memory Card

1. Remove the two screws on the MicroSD slot shield and remove the shield.



2. Insert the MicroSD card with the notched corner as shown.



3. Push the card into the slot until you feel the MicroSD card click into place.
4. Screw the MicroSD compartment cover back into place.

Removing the Memory Card

1. Remove the two screws from the MicroSD compartment shield and remove the shield.
2. Press the card in and release. The card pops out.
3. Remove the card from the slot.

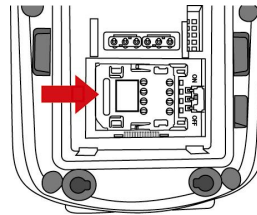
1.4.6 Using the SIM Card

The PA692A has a slot for a GPRS SIM card inside the battery compartment.

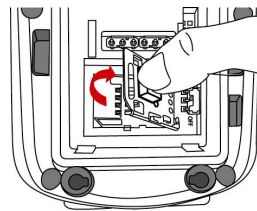
Inserting the SIM card

1. Remove the battery cover and the main battery.

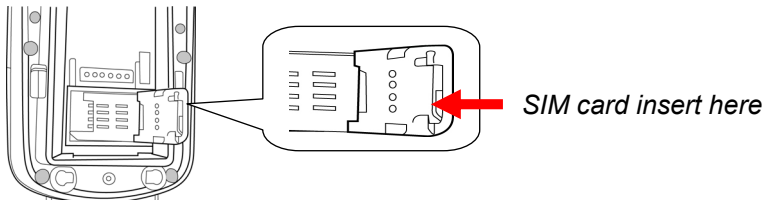
2. Slide the cover of the SIM card slot to the right to release the latch.



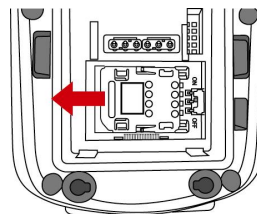
3. Pull and open the cover with thumb.



4. Insert the SIM card into the cover with the notched corner up, and the contact side of the SIM card faces down.

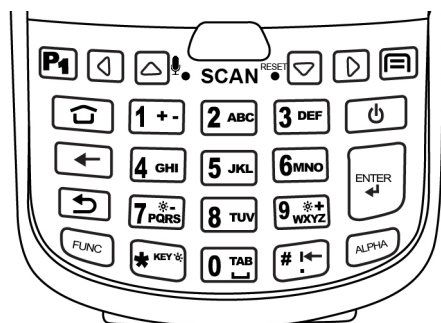


5. Close the cover over the slot, and then slide the cover to the left to lock the SIM card.



6. Put the battery back into the battery cover and replace the battery cover.

1.5 Keypads and Function Buttons



Numeric Keypad

For Numeric Keypad






Qwerty Keypad

Key	Description	Key	Description	Key	Description
	Power key		Back key		Up cursor key
	Enter key		Backspace key		Right cursor key
	TAB key		Function key		Down cursor key
	Alpha key, toggle between numeric and alphabetic entry modes		Home key		Left cursor key
	Alphanumeric keys		Programmable key		Menu key
	Trigger Key				

For Qwerty Keypad






Key	Description	Key	Description	Key	Description	Key	Description
	Power key		Back key		Up cursor key		Alphanumeric keys
	Enter key		Backspace key		Right cursor key		Menu key
	TAB key		Function key		Down cursor key		Home key
	Trigger Key				Left cursor key		

Using Function keys





























Press the  /  key once, it will appear a blue symbol  in the status bar at the top of the screen. Then you can refer to the following table to execute the desired function or input.

Function key definition



For Numeric Keypad

Key	Description	Key	Description
	Decrease screen backlight brightness		Back TAB
	Increase screen backlight brightness		TAB key
	Keypad backlight toggling		

















For Qwerty Keypad

Key	Description	Key	Description
	input symbol @	         (0 N)	Numeric Key 0~9
	input symbol (	input symbol _
	input symbol ?		input symbol !
	input symbol)		input symbol "
	input symbol '		input symbol &
	Back TAB		input symbol #
	input symbol *		input symbol +
	input symbol /		input symbol \$
	input symbol -		input symbol =
	input symbol :		input symbol %

















Numeric Keypad Combination

The following table indicates how to quickly execute useful functions using numeric keypad combination. Press and hold the  /  key, and then press the corresponding key to execute the desired function.


For Numeric Keypad

Key	Description	Key	Description
 + 	Screen backlight toggling	 + 	Task manager execution
 + 	Keypad backlight toggling	 + 	ScanService
 + 	Increase screen backlight brightness	 + 	Power management
 + 	Decrease screen backlight brightness	 + 	Settings














For Qwerty Keypad

Key	Description	Key	Description
 + 	Screen backlight toggling	 + 	Task manager execution
 + 	Keypad backlight toggling	 + 	ScanService
 + 	Increase screen backlight brightness	 + 	Power management
 + 	Decrease screen backlight brightness	 + 	Device information

Using Alpha keys



Press the  key, it will appear a red symbol in the status bar at the top of the screen. Then you can refer to the following table to execute the desired function or input.

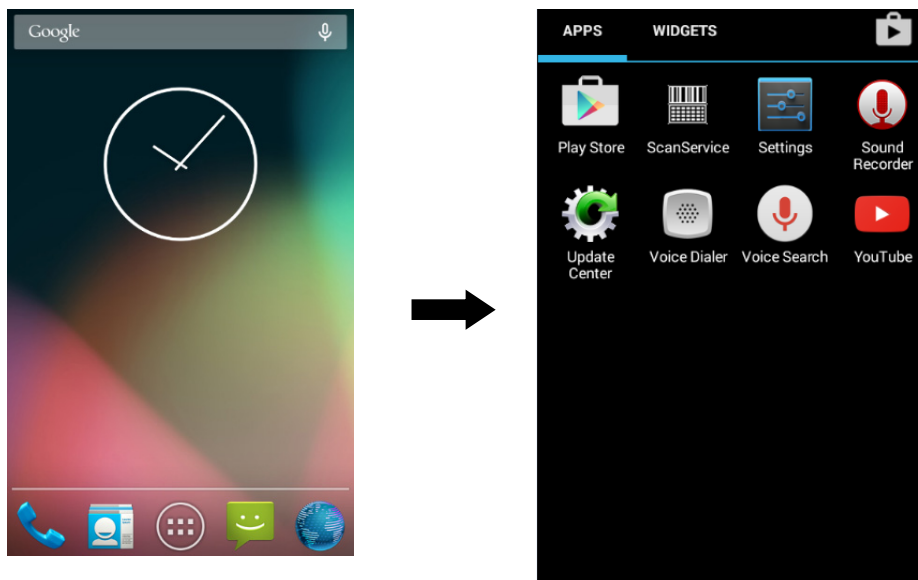
When the PA692A turns on, the numeric mode is on by default. When you toggle to alpha mode, the CAPS mode is off by default. Use the Alpha key to toggle to CAPS.

Key	Alpha Off	Alpha On	
		CAPS Off 	CAPS On 
	0	Space, @, \$, ", 0	Space, @, \$, ", 0
	1	+, -, \, %, 1	+, -, \, %, 1
	2	a, b, c, 2	A, B, C, 2
	3	d, e, f, 3	D, E, F, 3
	4	g, h, i, 4	G, H, I, 4
	5	j, k, l, 5	J, K, L, 5
	6	m, n, o, 6	M, N, O, 6
	7	p, q, r, 7	P, Q, R, 7
	8	t, u, v, 8	T, U, V, 8
	9	w, x, y, z, 9	W, X, Y, Z, 9
	#	, ; ! . /	, ; ! . /

Chapter 2 – Installation & Operation

2.1 Barcode Setting

1. Tap  go to APPS, and tap  **ScanService**.

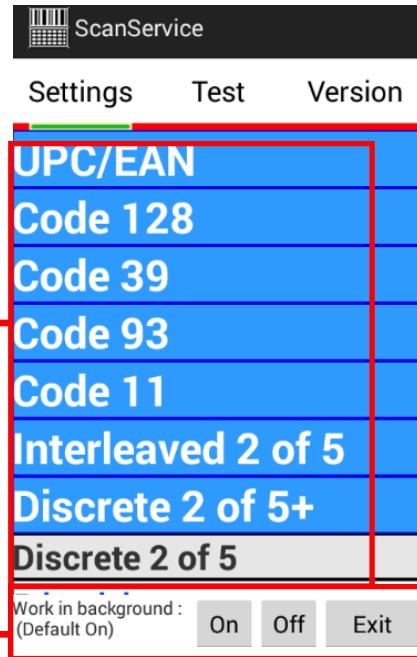


2. You are now enter the **ScanService** application:

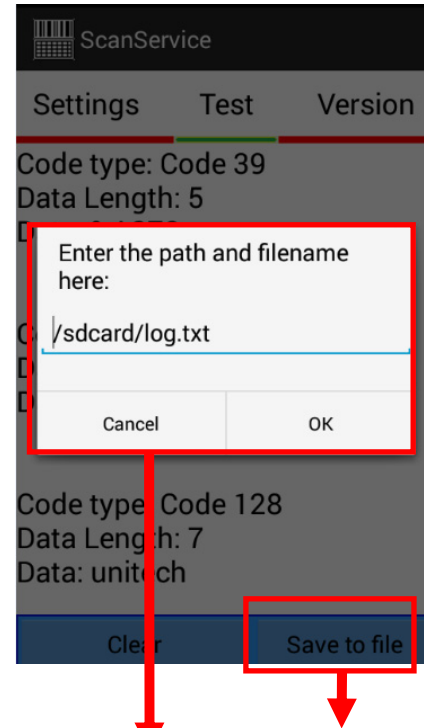
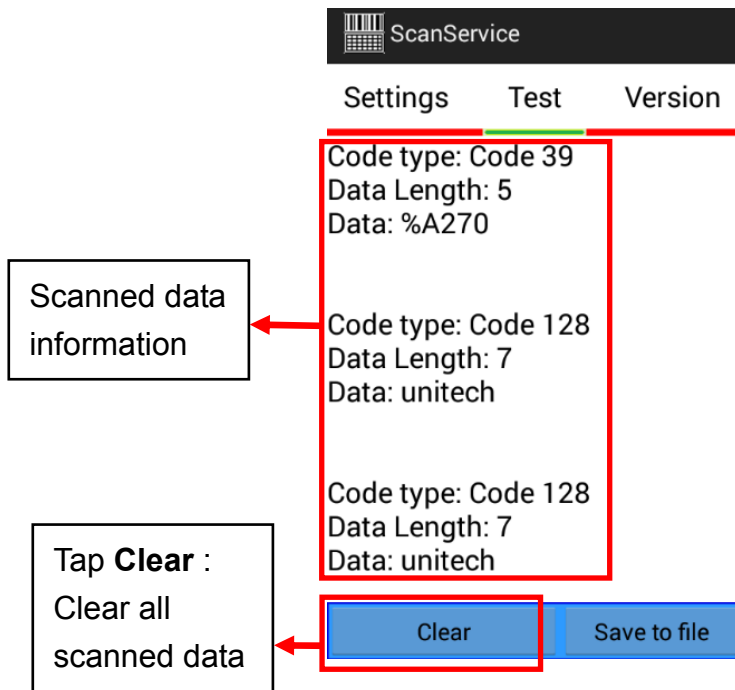
■ Settings

Tap the default barcode symbologies for a different application

Tap **On** / **Off** to enable / disable to work in background
Tap **Exit** to leave **ScanService**



■ Test



Tap **Save to file** :
Choose the path and filename to save the scanned data

■ Version



2.2 HF Setting

Current version is not available.

2.3 UHF Setting

Current version is not available.

2.4 MSR Setting

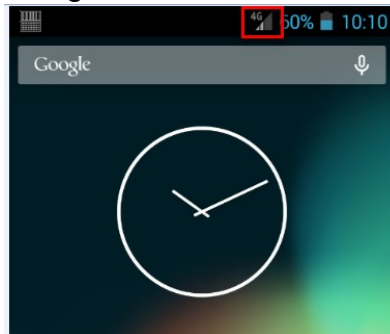
Current version is not available.

2.5 WWAN Setting



1. Turn off the terminal to insert the SIM card.

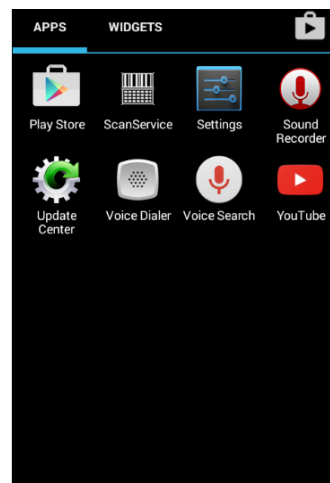
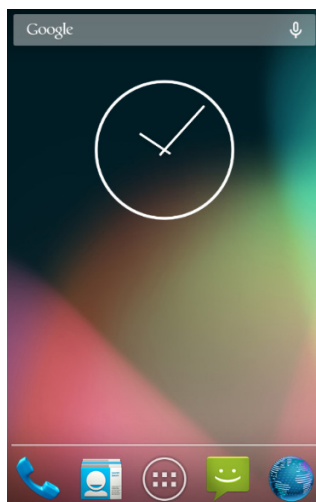
Note : For the instruction, please refer to [1.4.6 Using the SIM Card.](#)

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

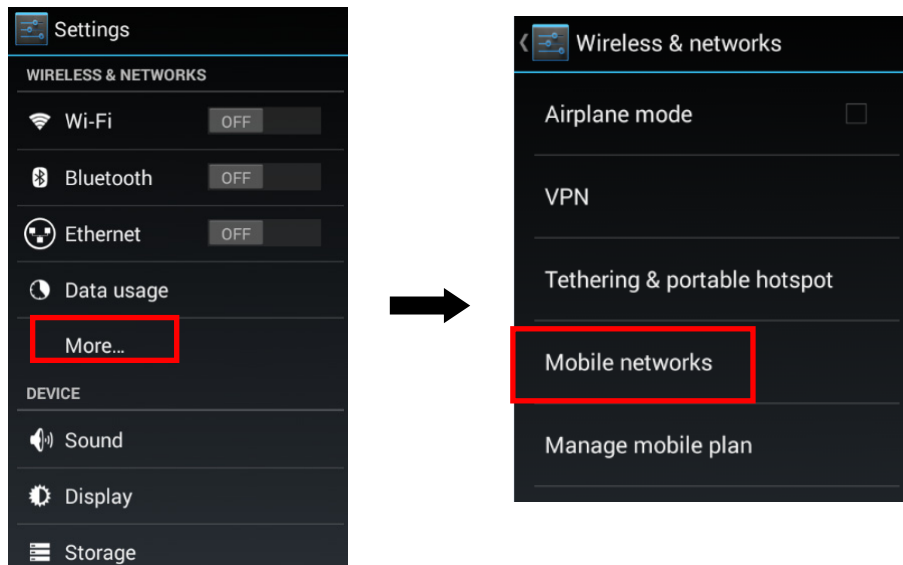


2.5.1 Mobile network settings

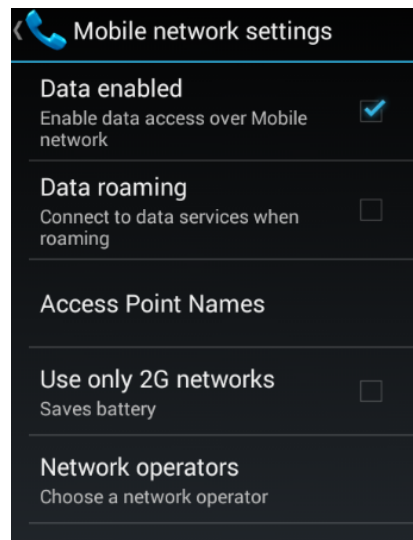
1. Tap  go to APPS, and tap  **Settings.**





2. Tap **More...**, go to Wireless & networks, and tap **Mobile networks**.

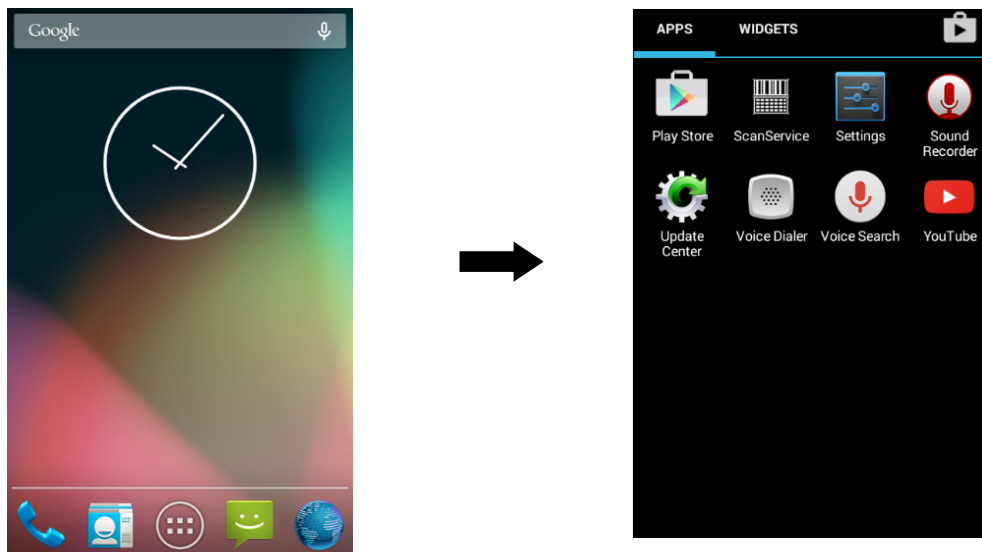


3. You can have more **mobile network settings** in this section.



2.6 WLAN Setting



1. Tap  go to APPS, and tap  **Settings**.

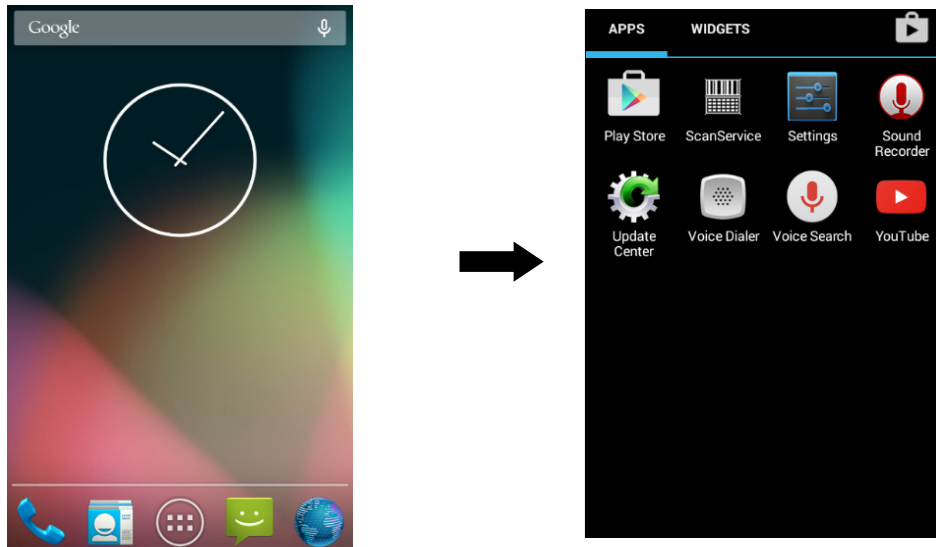


2. Tap **ON/ OFF** to enable/Disable Wi-Fi.
3. To see available networks, turn Wi-Fi **ON**. Tap Wi-Fi to choose the available networks.

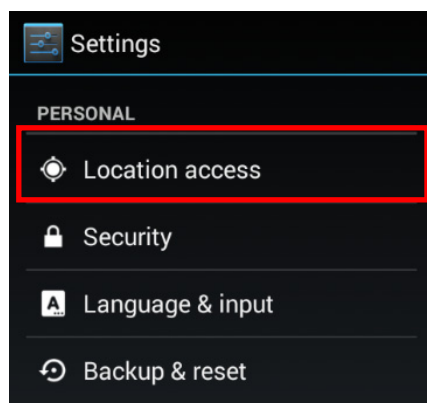


2.7 GPS Setting

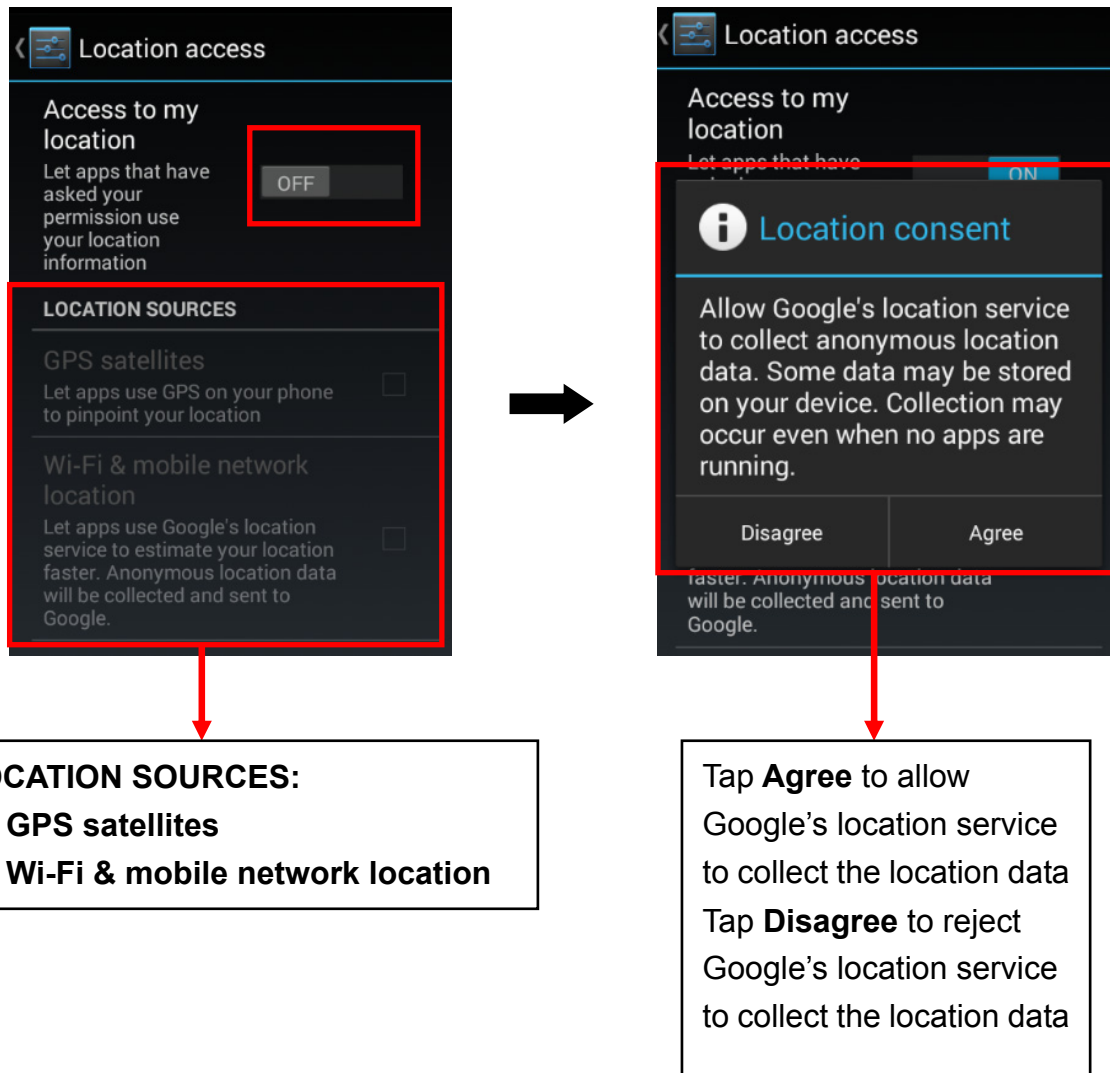
1. Tap  go to APPS, and tap  **Settings**.



2. Go to **PERSONAL** , Tap **Location access**.

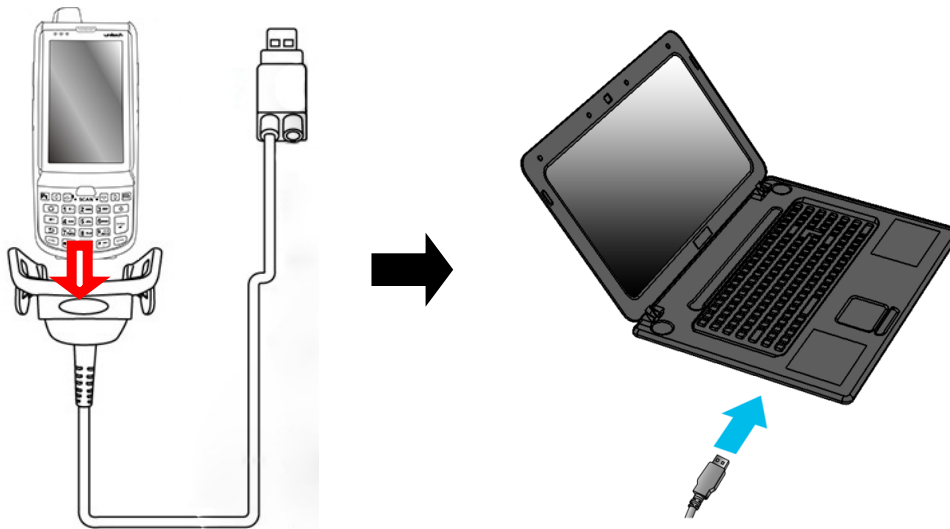


3. Tap **ON/OFF** for the permission to use your location information.

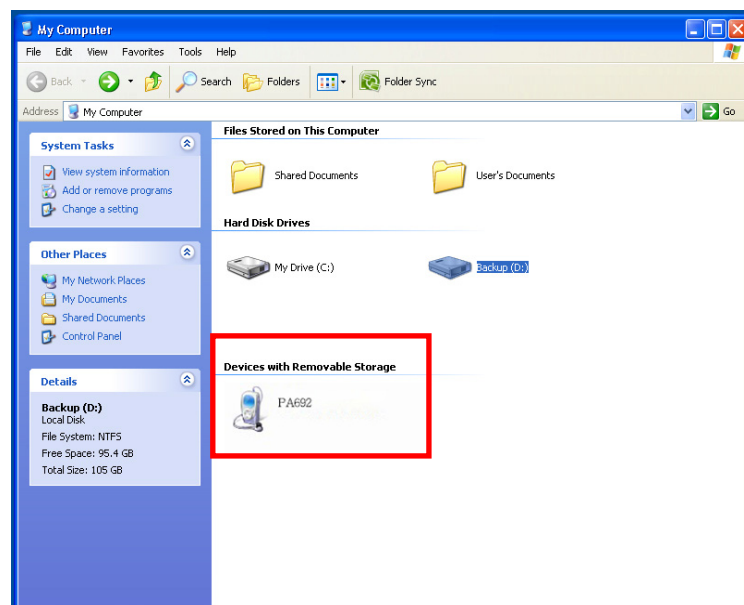


2.8 PC Setting



1. Connect the cable connector to the port at the bottom.
2. Connect the standard USB connector to the USB port of the PC device.

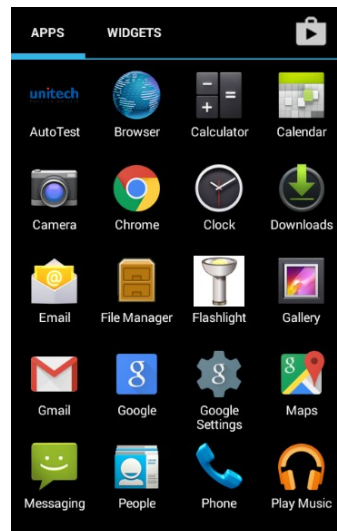
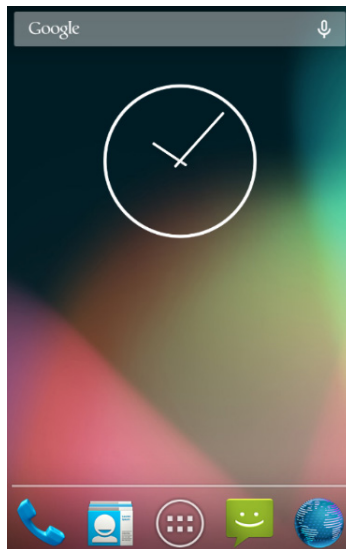


3. After connecting the terminal to PC with USB, you can find a removable storage on **my computer**.

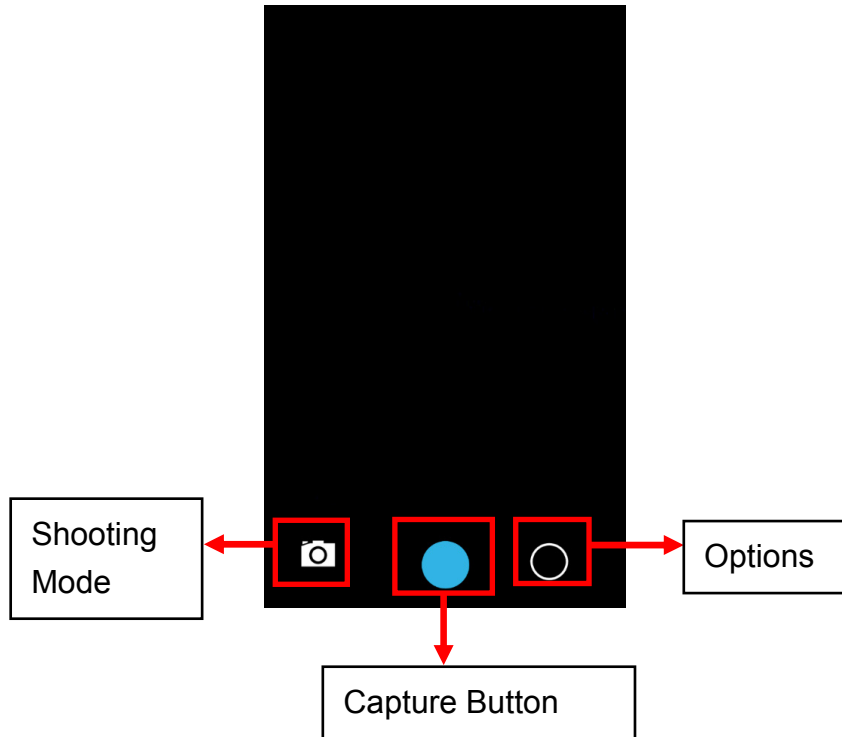




2.9 Camera Setting

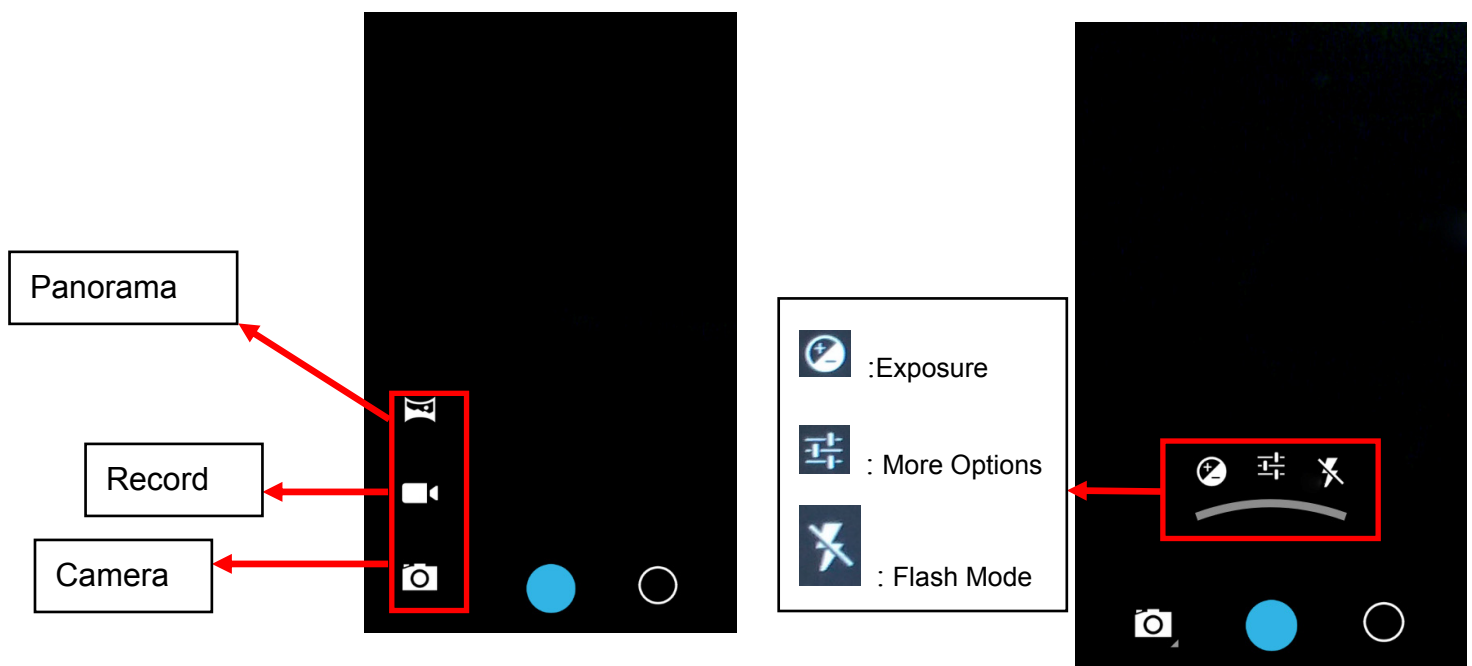
1. Tap  go to APPS and tap  **Camera**.



2. The following are the introduction of the camera interface.



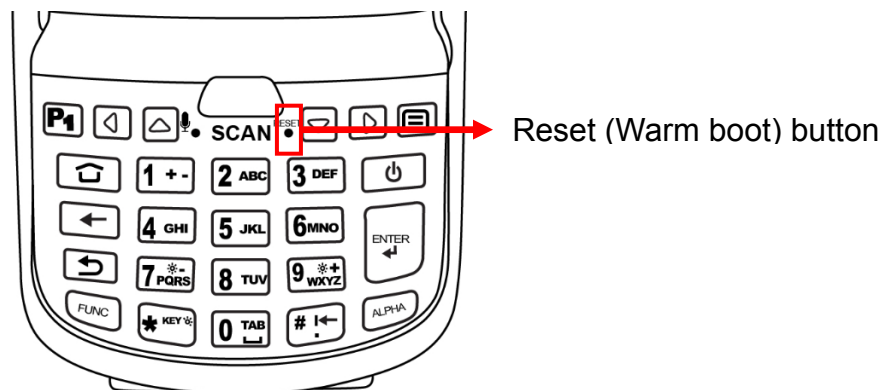
- Shooting Mode (Tap  to switch mode)
- Options (Tap  to choose options)



2.10 Performing a Hardware Reset (warm boot)

You may have to perform a reset (warm boot) if the device freezes (i.e., the terminal no longer responds to the buttons or tapping on the screen).



1. Use a pin, a paper clip, or tip of a pen.
2. Lightly press the reset button located at the right side of the scan button.

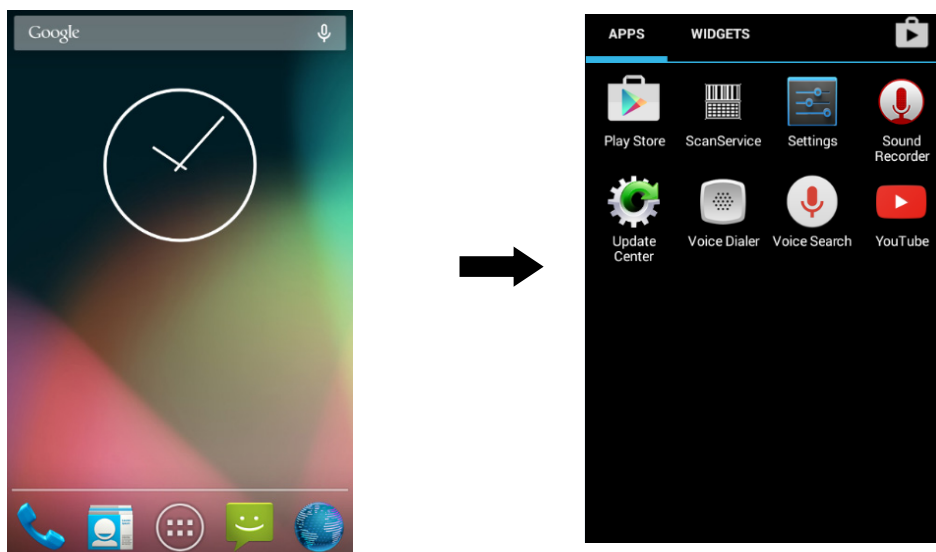


3. The terminal will restart the system after you press the reset button.

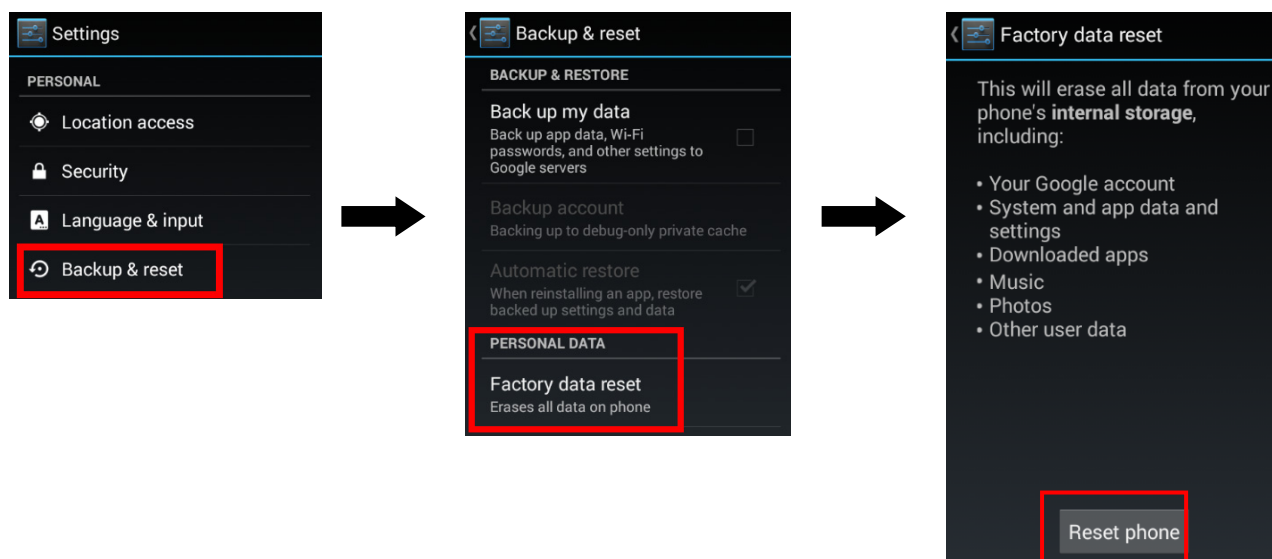


2.11 Performing Factory data reset

1. Tap  go to APPS, and tap  **Settings**.





2. Go to **PERSONAL** , Tap **Backup & reset**
3. Go to **PERSONAL DATA**, Tap **Factory data reset** and then tap **Reset phone**

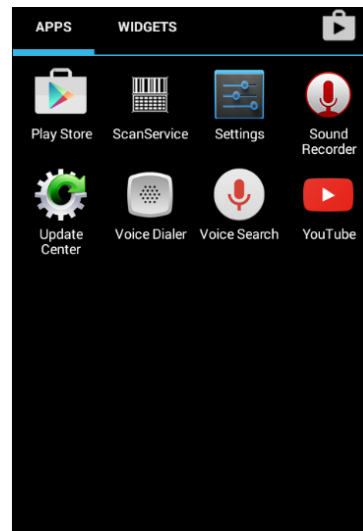
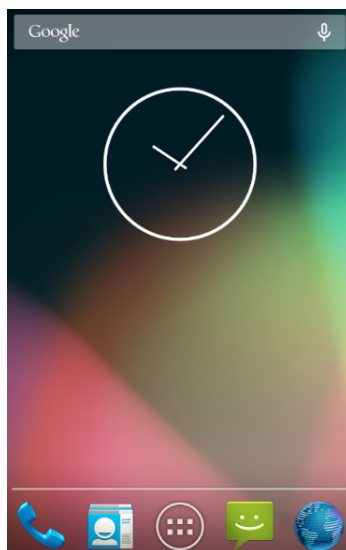


2.12 Programmable Keys

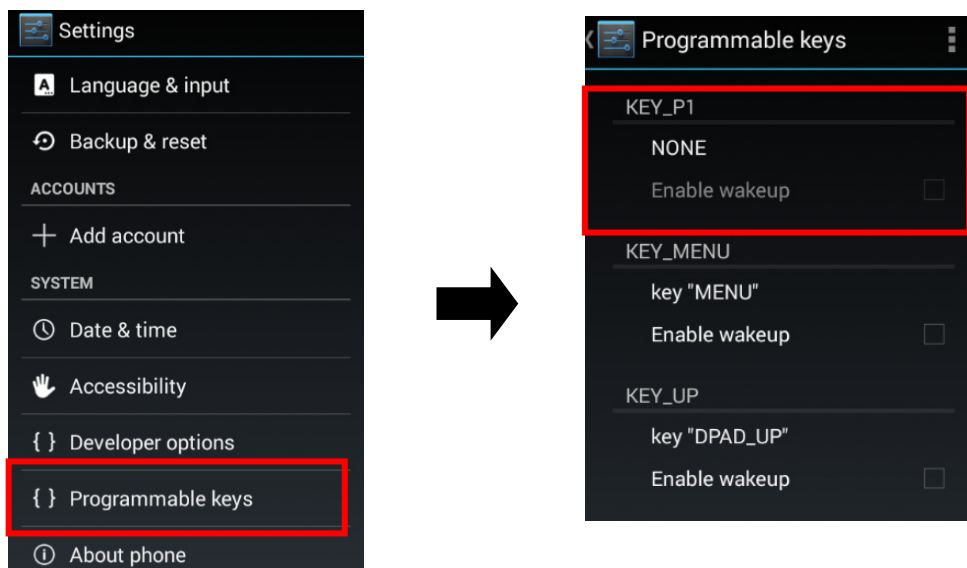
The PA692A's keys can be programmed for users to be able to perform different functions or applications.

2.12.1 Programming a key

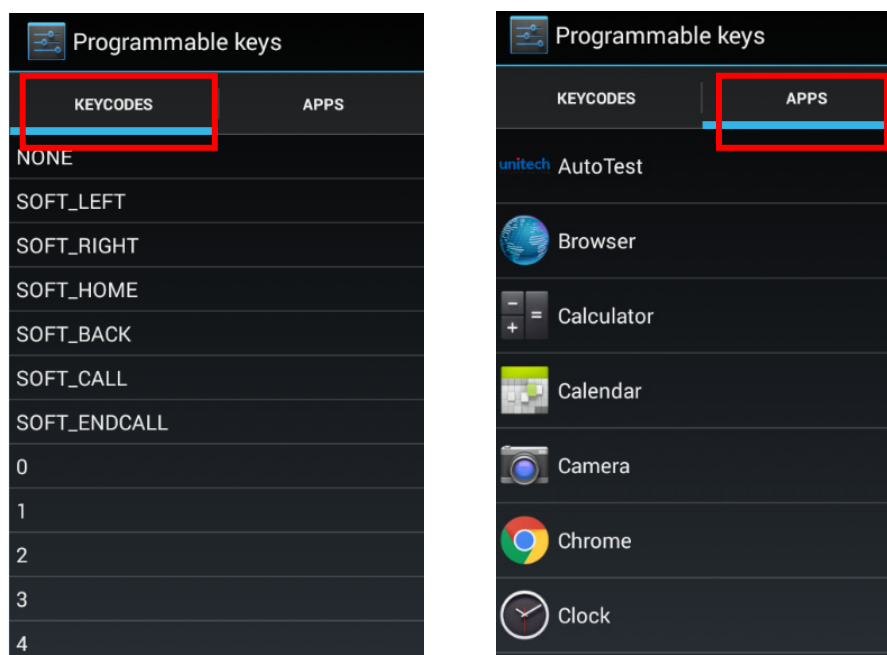
1. Tap  go to APPS and tap  **Settings.**



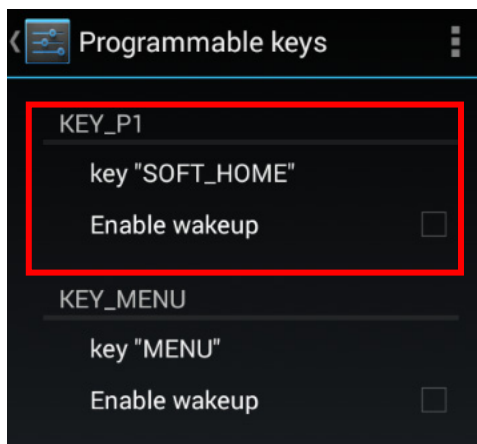
- Go to SYSTEM, Tap **{ }** **Programmable keys**, and select the keys to remap. (ex. tap **KEY_P1**)



- Tap one of **KEYCODES** or **APPS** that lists the available functions or applications and select one shortcut to map to the key. (ex. tap **SOFT_HOME**)



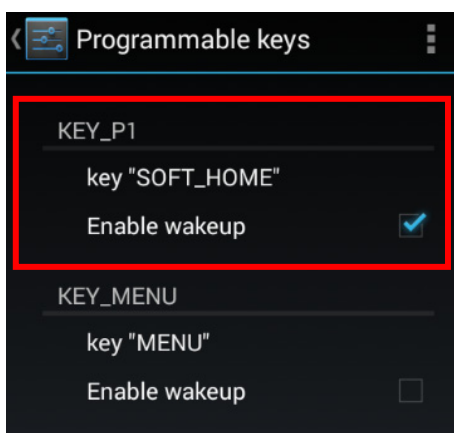
4. The key is successfully mapped to a key code.



2.12.2 Programming a key Enable/ Disable wakeup

After the key is mapped to a key code, check the **Enable wakeup** checkbox to wake PA692A by pressing the programmable keys when PA692A is in sleep mode.

Note: This function only applies to **KEYCODES**.



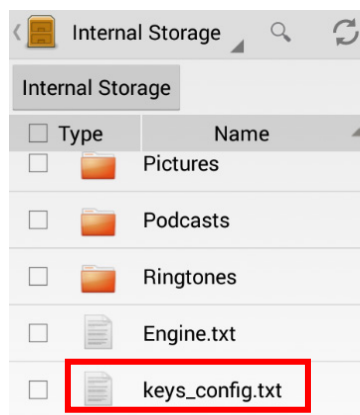
2.12.3 Export / Import a Programmable Key

Configuration file

The Programmable Key configuration can be exported to a text file and imported into PA692A.

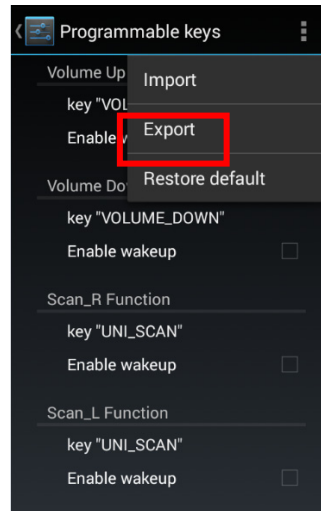
Note: The configuration file (*keys_config.txt*) is saved in Internal Storage.

(For File Manager setting, please refer to [3.2 File Manager](#))

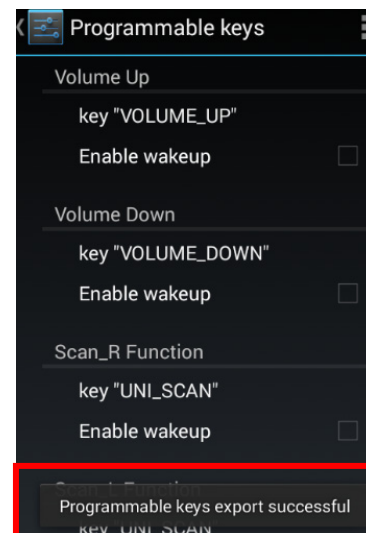
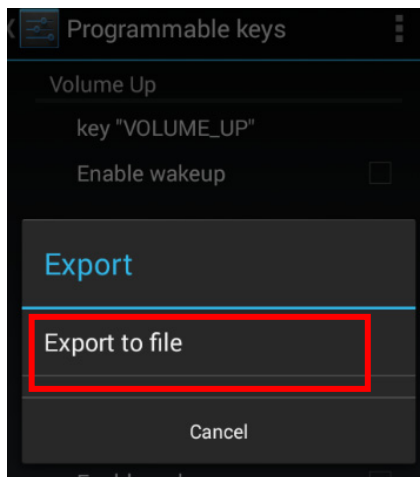


Export file

1. Tap 
2. Select **Export**



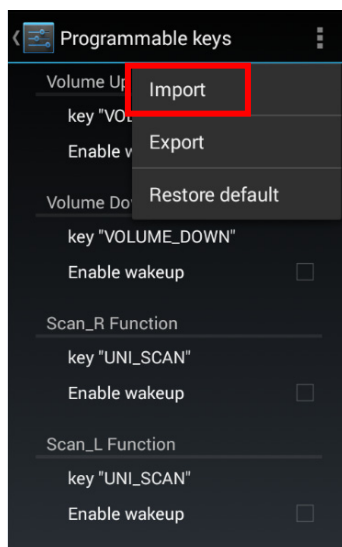
3. Tap **Export to file** ➡ **Programmable keys export successful**



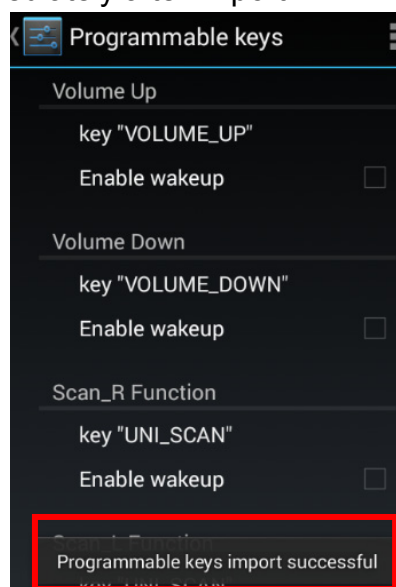
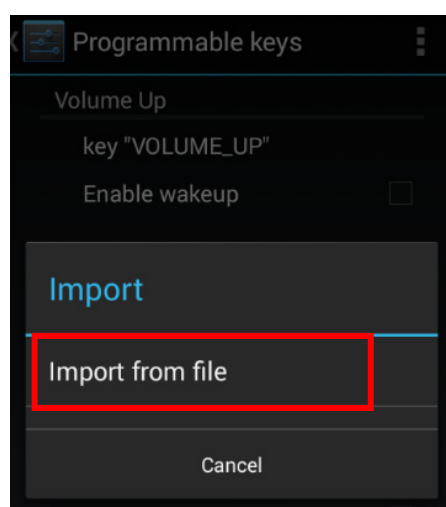
Import file

Before importing the file, please save your configuration file (keys_config.txt) in internal storage.

1. Tap 
2. Select **Import**

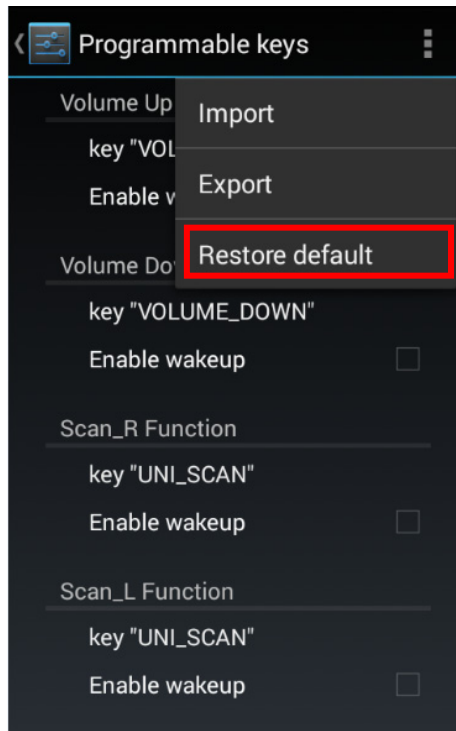


3. Tap **Import from file** ➡ **Programmable keys import successful**
The new configuration will be applied immediately after import.



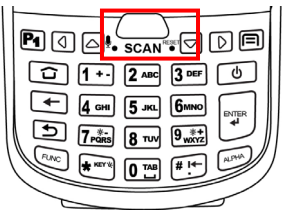
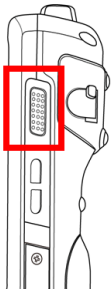

Restore default

1. Tap 
2. Select **Restore default**





2.12.4 Right trigger key

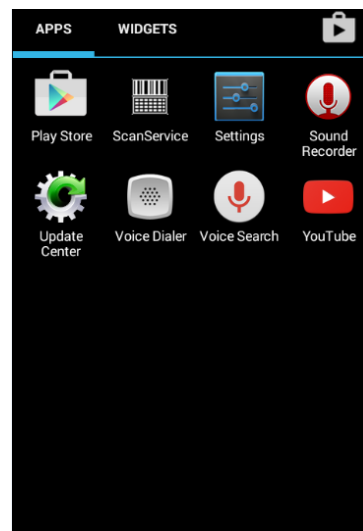
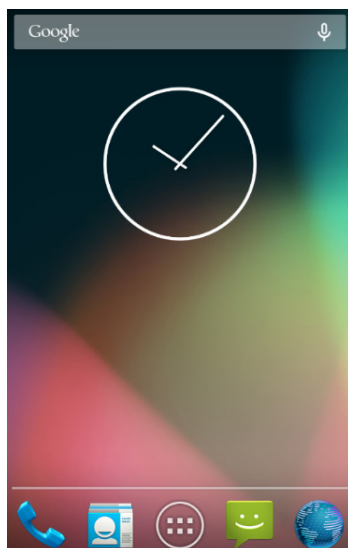
There are three keys with the same function that can be performed the right trigger key.

1. Trigger Key on keypad	
2. Trigger key on the right side of PA692A	
3. Gun grip trigger (if mounted)	

Chapter 3 – Introduction to Applications

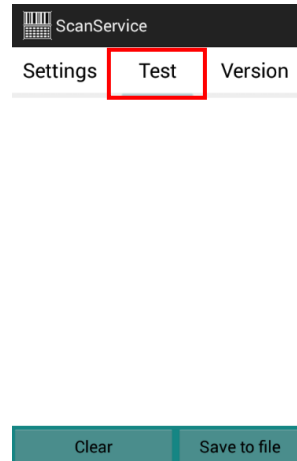
3.1 Scan Service

1. Tap  go to APPS, and tap  **ScanService**.

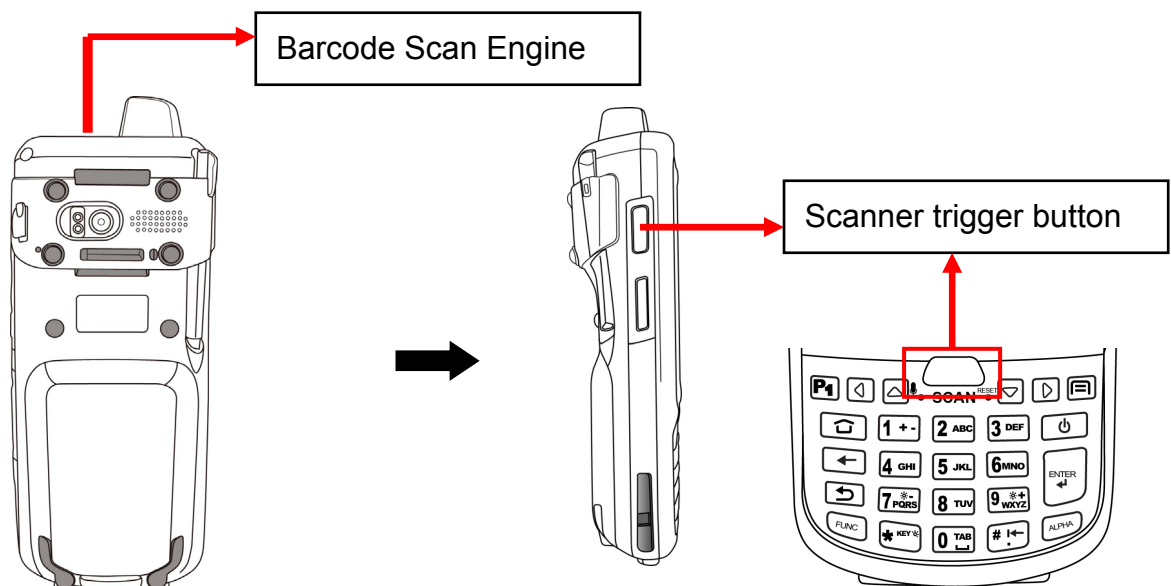


Note : For more Scan Service settings, please refer to [2.1 Barcode Setting](#).

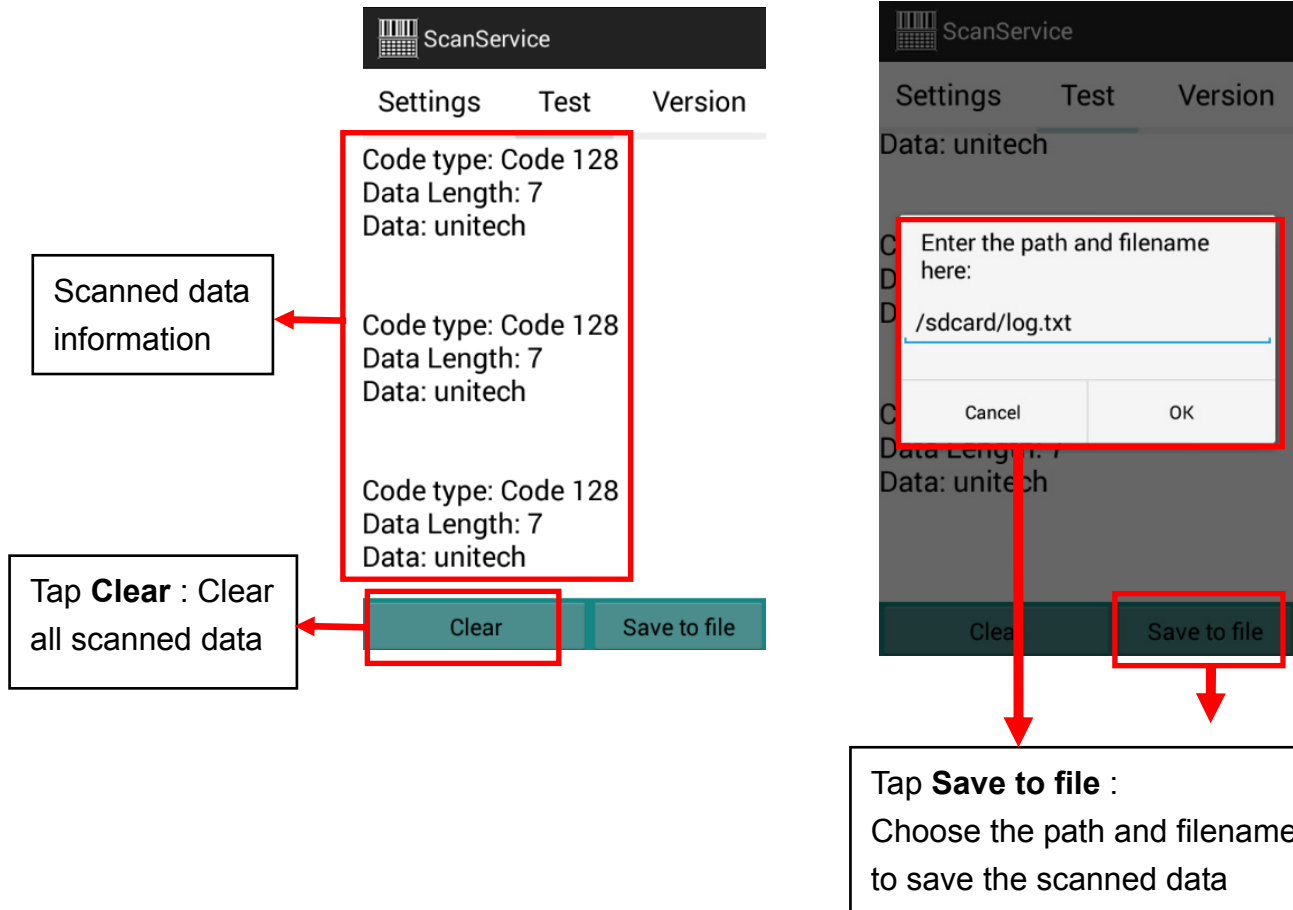
2. You are now enter the **ScanService** application. Tap **Test** to start scanning barcodes.





3. Aim the Barcode Scan Engine to the barcode and press one of two scan trigger buttons or the trigger button on the keypad.




4. After scanning the barcodes, the screen will show the barcode information.



3.2 File Manager

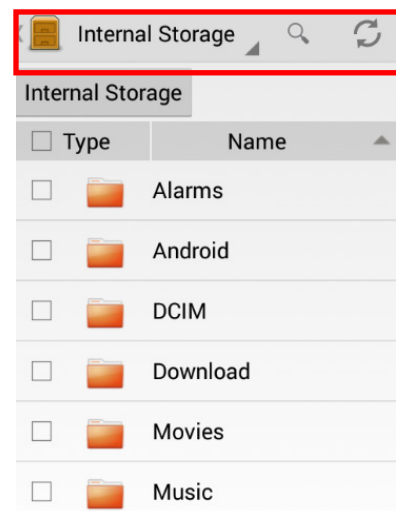
1. Tap  go to APPS, and tap  **File Manager.**



2.  **Internal Storage** : File categories

 : Search

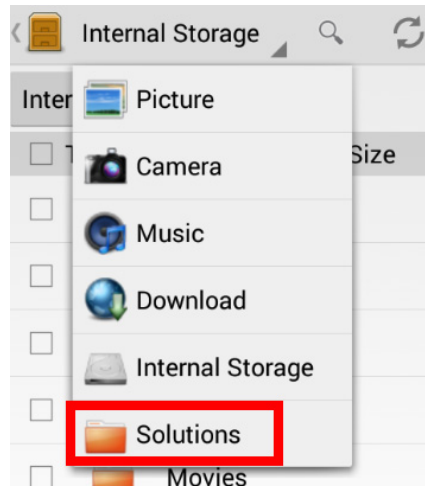
 : Refresh





3.2.1 Solutions Folder

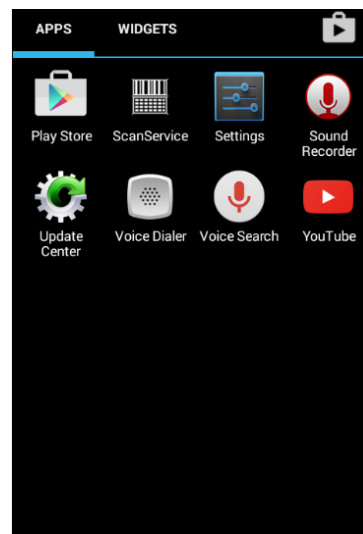
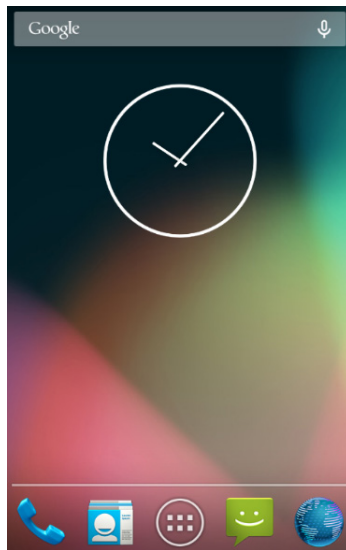
Tap Internal Storage, tap **Solutions** on the drop down menu.

Note: The solutions folder is subject to change on different sub-release of OS.

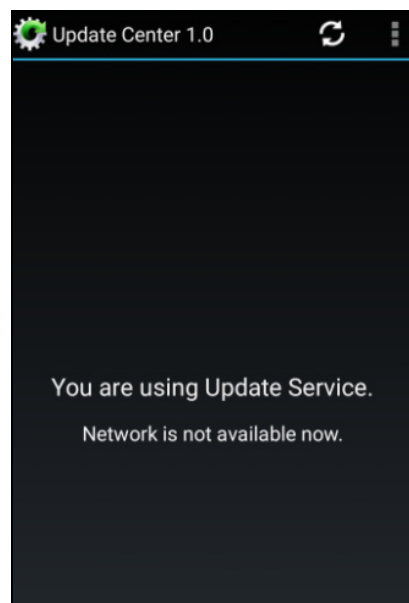


3.3 Update Center



1. Tap  go to APPS, and tap  **Update Center.**

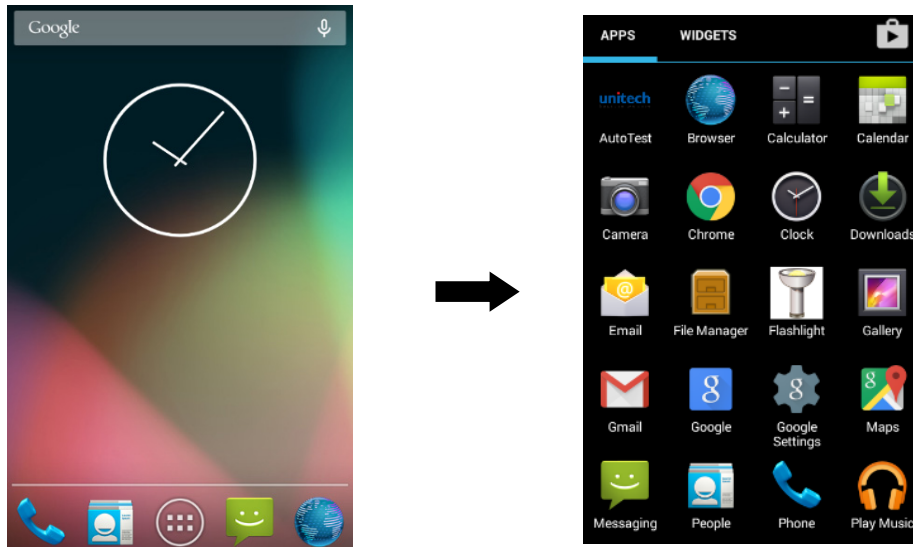


2. To update or check the latest version of software and applications, you will need to do it manually.

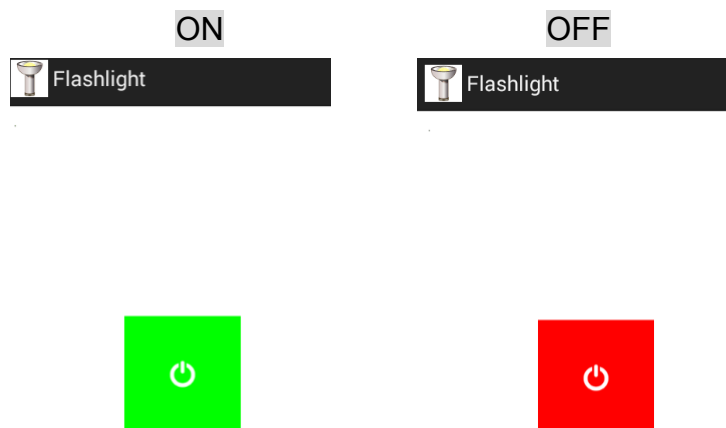


3.4 Flashlight

1. Tap  go to APPS, and tap  **Flashlight**.





2. Tap the icon below to turn on/off the **Flashlight**, the LED will be on/off on the back of the terminal.



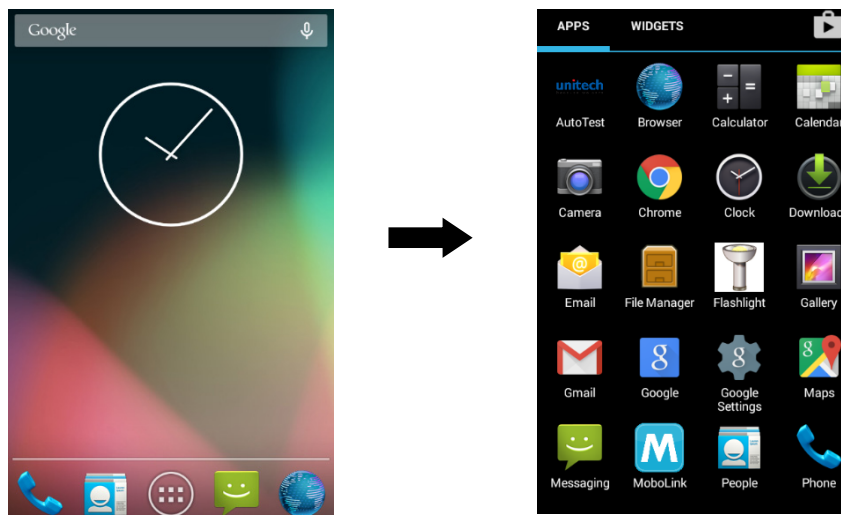
3.5 MoboLink

MoboLink is a software platform that helps unitech customers to remote manage their purchased devices and applications. The core of the **MoboLink** platform provides functionalities in the MDM (Mobile Device Management) and MAM (Mobile Application Management) domains, and then further extends into other management functions such as alert notification management and account management.


1. Tap  go to APPS, and tap  **MoboLink**

MoboLink will run in the background.

***Note:** If there is no internet connection, **MoboLink** will be activated after few seconds.*




2. **MoboLink** setting is as below :



The screenshot shows the 'ScanDMServer' app interface. At the top is the 'MoboLink' logo. Below it is a text field labeled 'MoboLink Server URL'. A red box highlights this text field, with a red arrow pointing to a callout box that says: 'Enter **MoboLink** server URL manually in the text field or scan a **MoboLink** server URL Barcode'. Below the text field is a paragraph explaining that the URL can be obtained from scanning a barcode or manually keying it in. Further down is a link to the support page: <http://mobolink.tw.ute.com/support>. At the bottom, there is a toggle switch for 'Do not show this app again.' which is currently 'OFF'. A red box highlights the 'Save' button, with a red arrow pointing down to a callout box that says: 'Tap "**Save**" to initiate **MoboLink** Server URL'.

3. **MoboLink** screen information is as below:



The screenshot shows the 'ScanDMServer' app interface. At the top is the 'MoboLink' logo. Below it is a text field labeled 'MoboLink Server URL'. Below the text field is a paragraph explaining that the URL can be obtained from scanning a barcode or manually keying it in. Further down is a link to the support page: <http://mobolink.tw.ute.com/support>. At the bottom, there is a toggle switch for 'Do not show this app again.' which is currently 'OFF'. A red box highlights this toggle switch, with a red arrow pointing to a callout box that says: 'Slide **ON/OFF** button to show **MoboLink**'. Below the toggle switch are two buttons: 'Save' and 'Exit'. A red box highlights the 'Exit' button, with a red arrow pointing down to a callout box that says: 'Tap "**Exit**" to leave the screen'.



3.5.1 More about MoboLink

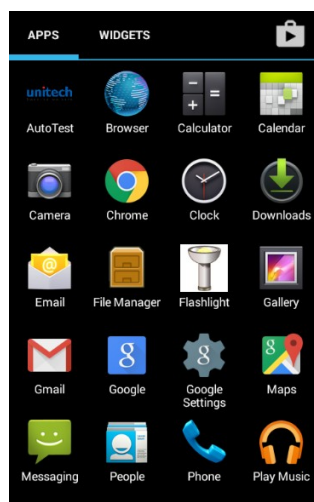
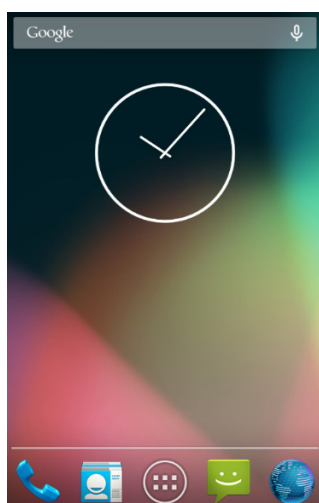
For detailed operation, solution and usage, please refer to **MoboLink** user's guide. (<http://mobolink.tw.ute.com/support>)



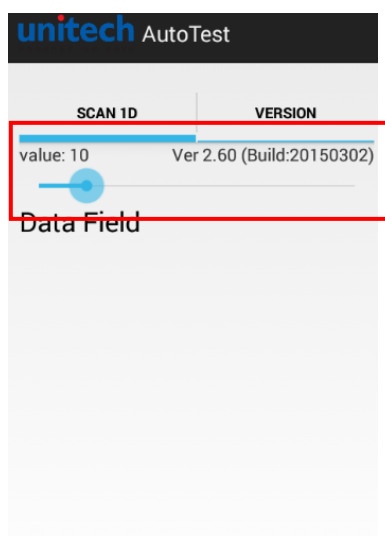
3.6 Auto Test

The purpose of this application is to test the battery life. Follow the instructions as below.

1. Tap  go to APPS, and tap  AutoTest.



2. Touch and slide the blue button to set up the scan time (by seconds). It reflects the time intervals between scans. (ex. *value: 10-second*, when tap **SCAN**, Auto Test will start scanning barcodes every 10-second.)



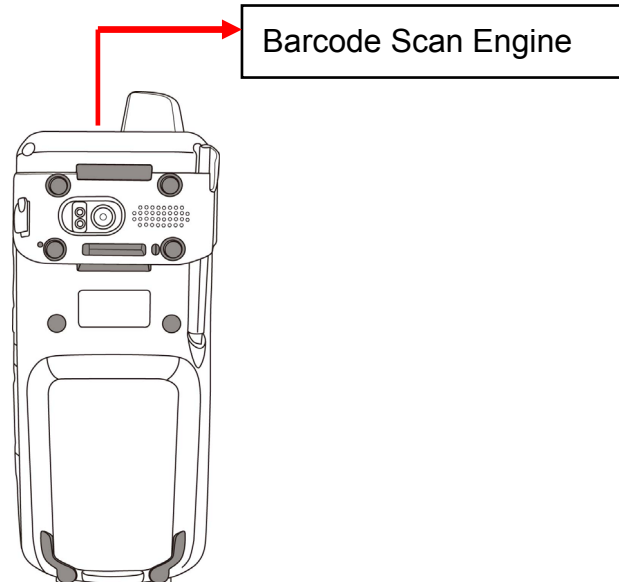
Tap **SCAN** to start scanning barcodes

SCAN

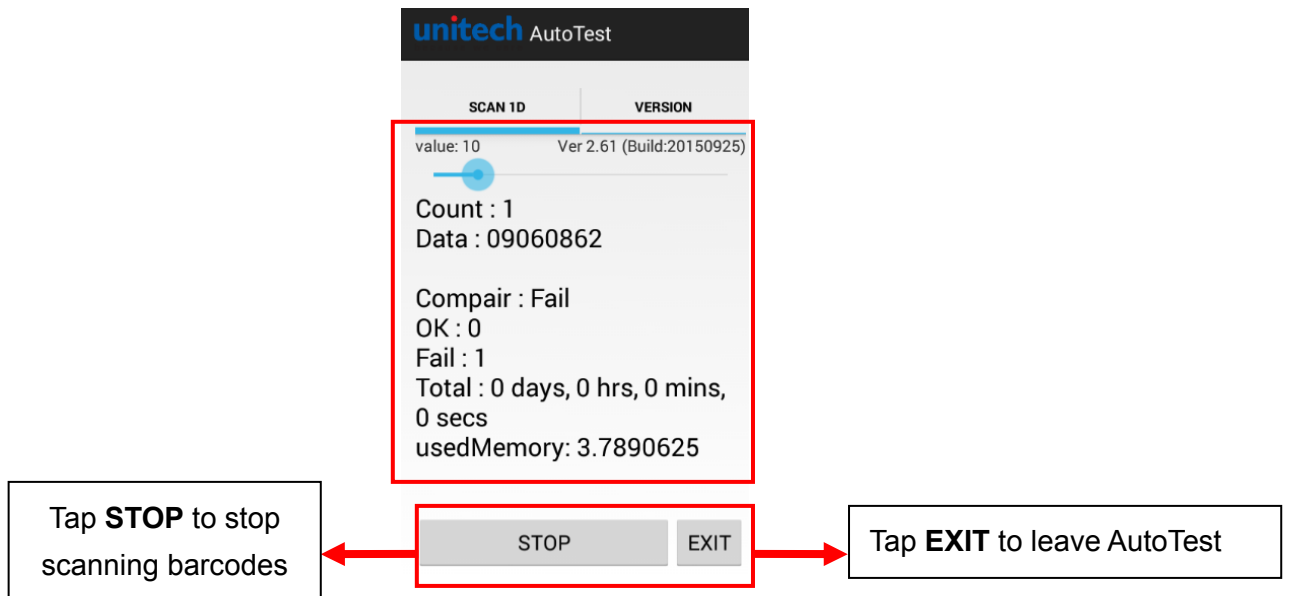
EXIT

Tap **EXIT** to leave AutoTest

3. Aim the barcode scan engine to the barcode.



4. After scanning, the screen will show the results as below.



3.6.1 Auto Test version

Tap **VERSION** to see the latest version.

