SKYLARK

UHF RFID Reader

USER GUIDE

ALIEN®

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1 PRECAUTION BEFORE USE

This product is supplied with a charging adapter and recommends using this one. There is a risk of electric shock, fire or product failure if use unauthorized adapter.

Do not use a damaged power plug or loose outlet, which may result in electric shock or fire.

Do not touch the power plug with wet hands. There is a danger of electric shock or fire when touching the power plug with wet hands.

Do not pull out the power cord. There is a danger of electric shock or fire when the power cord is pulled out.

Do not spray insecticide or chemicals on the product. This may cause fire or discoloration of the product.

Do not place in direct sunlight or near heat sources. There is a risk of fire, explosion or discoloration when placed in direct sunlight or close to the heating appliances.

Do not wipe the product direct spraying water or cleaning with benzene, thinner etc., as there is a danger of electric shock, fire or discoloration. Cleaning the device while it is connected to power could cause electric shock or fire.

Do not place the product in a dusty or chemical environment may cause an electric shock, fire or decrease in product performance.

Do not disassemble the product, as it may cause electric shock, fire or damage on the product.

It must not be used near devices with strong magnetic fields; it may cause the failure on the product.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

The User's Manual or User's Manual for the intentional or unintentional radiator warns the user that a change or change that is not explicitly approved by the party responsible for compliance may invalidate the user's authority to operate the equipment. If the manual is provided in a form other than paper, such as through a computer disk or the Internet, the information required by this section may be included in the documentation, provided that it is reasonably possible to expect users to have access to that type of information.

15B : NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

2 OTHER PRECAUTIONS

Battery Precautions:
Recommend fully charge the battery after purchase.
The battery's lifespan varies depending on the usage and usage time gradually decreases after.
If the battery will not be used for a long time, keep it separate from the product. The warranty of the battery is six months from the date of shipment. Since batteries are consumable, please contact the authorized dealer if a problem arises.

Type of Unrepairable:
Faults caused by using unauthorized charger cannot be repaired.
If the product and battery are disassembled arbitrarily, cannot be repaired.

※ Service related to life safety is not available due to the possibility of radio interference.

3 PRODUCT COMPONENTS

Body

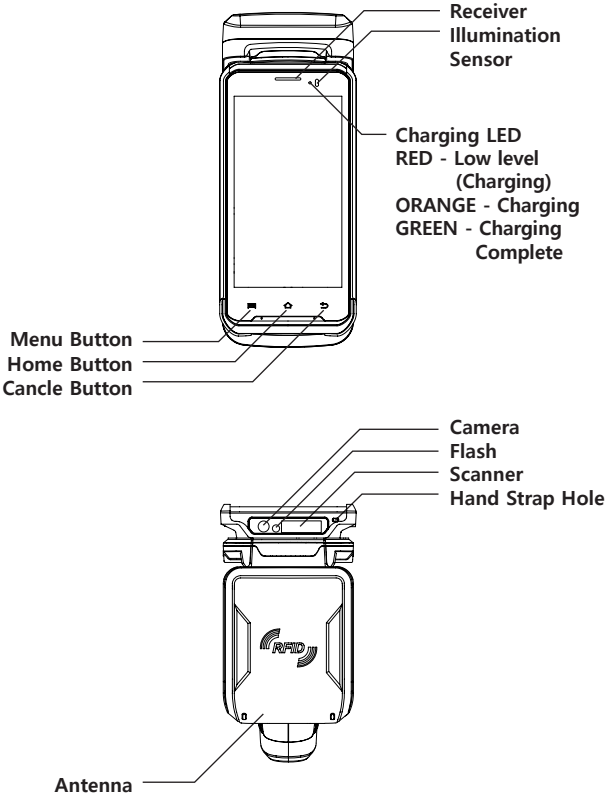
Sync Cable

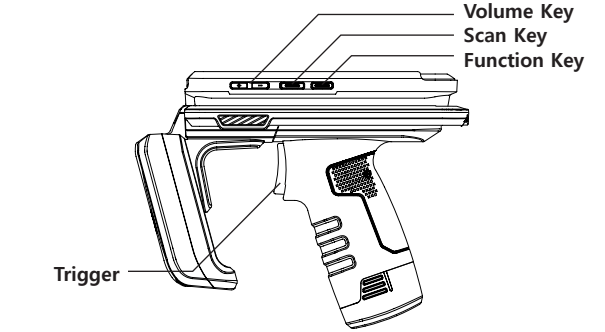
Cradle

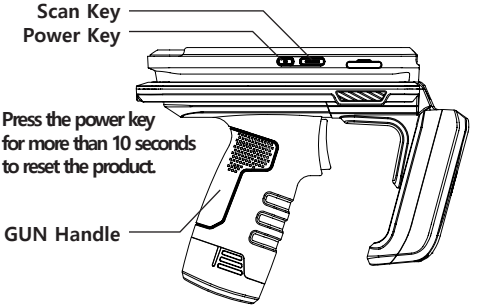
Adaptor

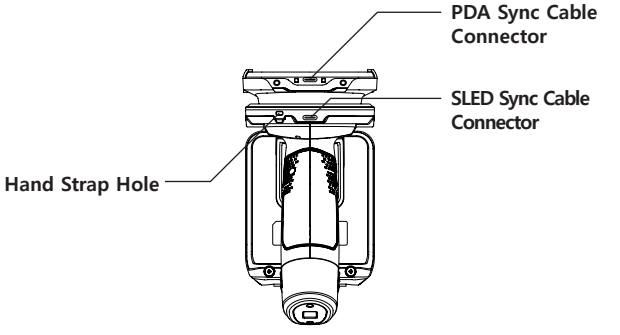
User Guide

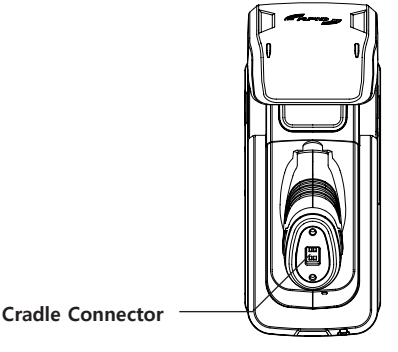
4 PART NAMES


Receiver
Illumination Sensor
Charging LED
RED - Low level (Charging)
ORANGE - Charging
GREEN - Charging Complete
Menu Button
Home Button
Cancle Button
Camera
Flash
Scanner
Hand Strap Hole
RFID
Antenna


Volume Key
Scan Key
Function Key
Trigger

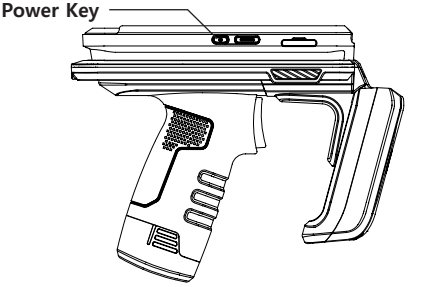

Scan Key
Power Key
Press the power key
for more than 10 seconds
to reset the product.
GUN Handle


PDA Sync Cable Connector
SLED Sync Cable Connector
Hand Strap Hole


Cradle Connector

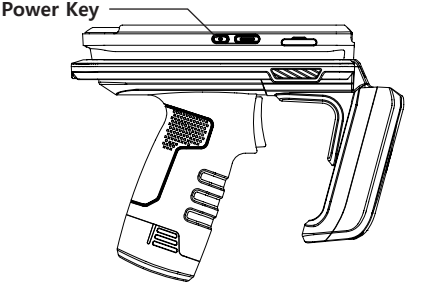
5 POWER ON

Press the power key to turn on the power.
When the power is on uccessfully, the screen of the device appears.



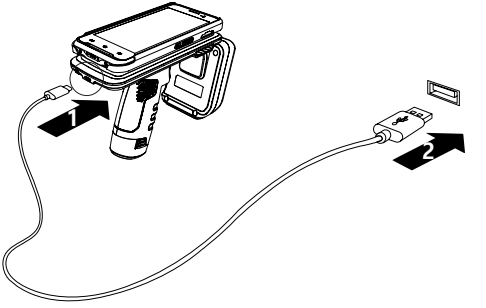
6 POWER OFF

Press the power key while the product is powered on.
Select Power Off on the screen then the screen turns off.



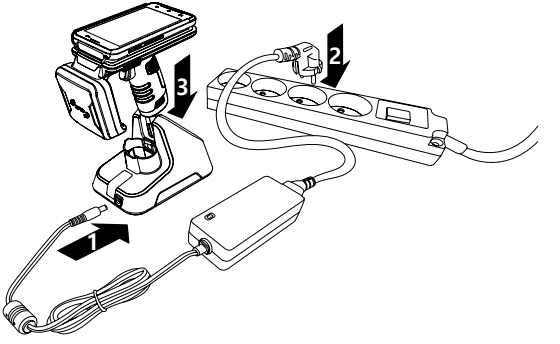
7 CHARGING WITH USB CABLE

1. Connect the sync cable to the SLED sync cable connector.
2. Connect the USB part of the sync cable to USB adaptor or PC.



8 CHARGING WITH CRADLE

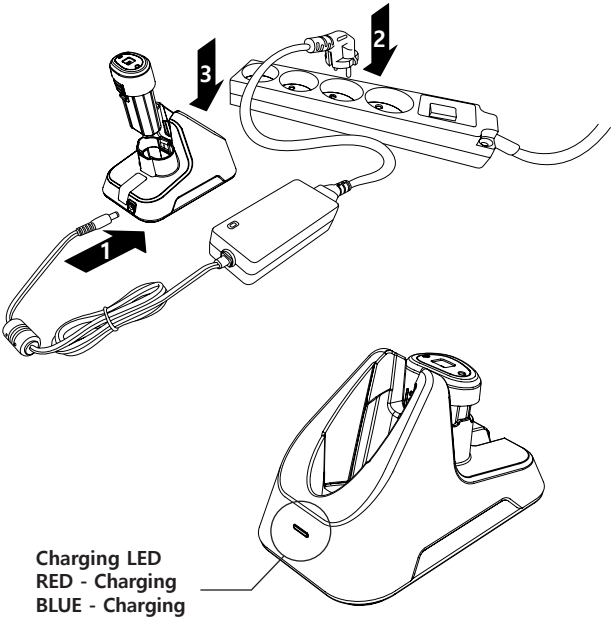
1. Insert the charging adapter into the charging cradle.
2. Plug the charging adapter into a power outlet.
3. Insert the product into the charging cradle to charge.



* When the product is completely discharged, PDA powers on automatically after a certain time when charging started.

9 CHARGING GUN BATTERY WITH CRADLE

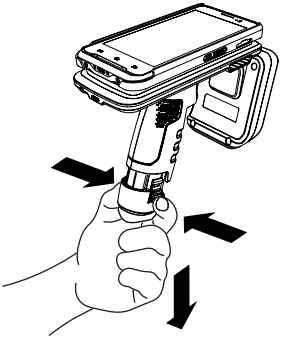
1. Insert the charging adapter into the charging cradle.
2. Plug the charging adapter into a power outlet.
3. Insert the battery into the charging cradle to charge.
   (If charging is successful, the LED of the cradle will light.
   Make sure that the LED lights when charging.)

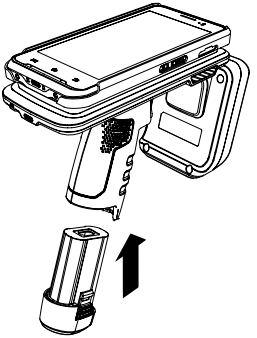


* The gun handle battery is dedicated to SLED and is used separetely from PDA power.
  To charge the PDA, need to charge it via cradle or sync cable.

10 HOW TO REPLACE THE BATTERY

1. **Remove the battery to be replaced by pressing down on both sides of the bottom of the gun handle and pulling it down as shown in the following illustration.**
2. **Replace the battery by inserting a new battery upwards as follows.**



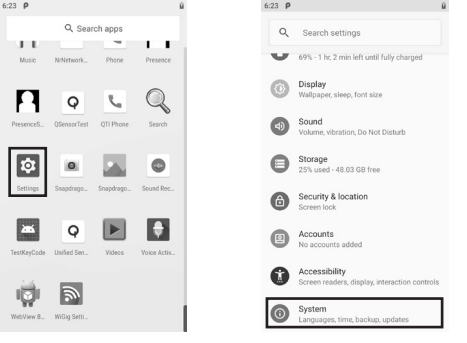


11 LANGUAGE SETTING

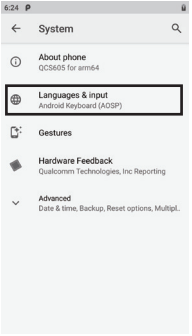
The language of the product is English as the default setting.
Please follow the instruction below to change the language if needed.

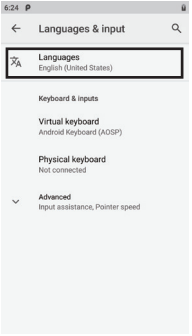
1. **Turn on the product.**
2. **Swipe up on the screen to unlock the lock screen and then swipe up again to go to the apps list.**

3. **Tap the Setting icon to enter the setting menu.**
4. **Tap System to enter the system setting menu.**

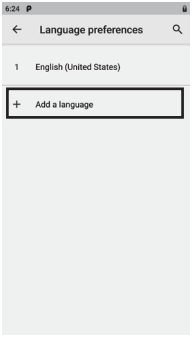


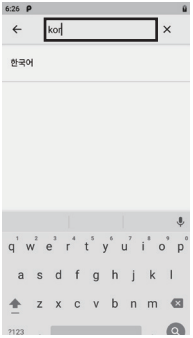
5. Tap Language & Input to go to the Language & Input setting menu.
6. Tap Language to enter the Language preferences setting menu.





7. Tap Add a language to enter the Add a language setup menu.
8. Tap to enter kor or korean in the search box, then select Korean from the items appear.



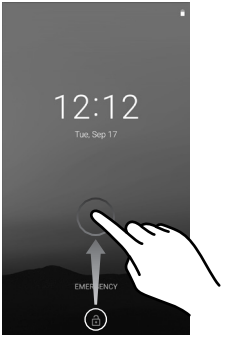


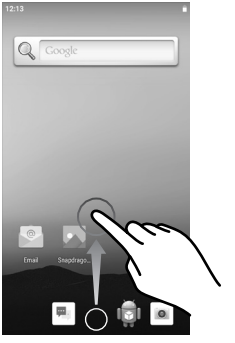
9. Select Korea.
10. Tap to the right of the language you want to set and drag it to the top of the list to complete the language setting.
(If want to set the language of another country, select that country as well)

12 KEYBOARD SETTING

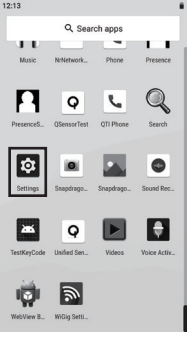
The keyboard of the product is English as the default setting.
Please follow the instruction below to change the keyboard if needed.

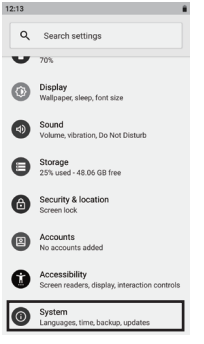
1. **Turn on the product.**
2. **Swipe up on the screen to unlock the lock screen and then swipe up again to go to the apps list.**



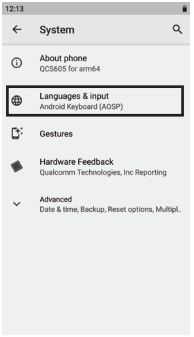


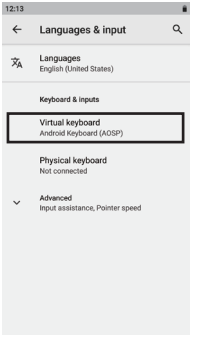
3. **Tap the Setting icon to enter the setting menu.**
4. **Tap System to enter the System Setting menu.**



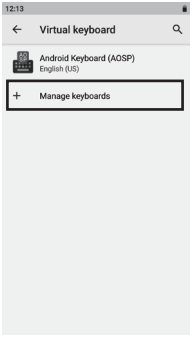


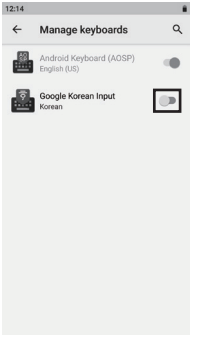
5. Tap Language & Input to go to the Language & Input setting menu.
6. Tap Virtual keyboard to enter the virtual keyboard setting menu.



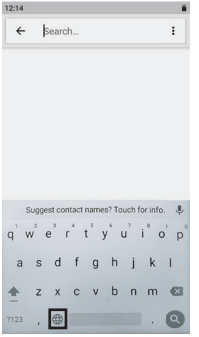


7. Tap Manage keyboard to enter the Manage keyboard configuration menu.
8. Tap the toggle button to the right of Google Korean Input to activate the Korean keyboard.



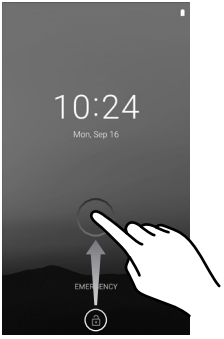


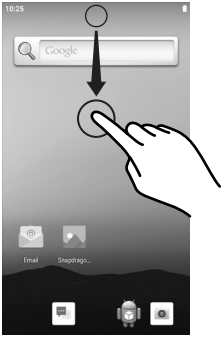
9. Tap ⊕ to go to the keyboard setting menu.
10. Select Hangul to complete the keyboard settings.



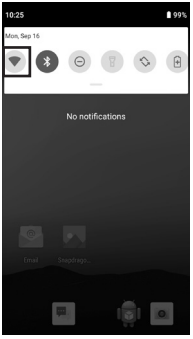
13 Wi-Fi SETTING

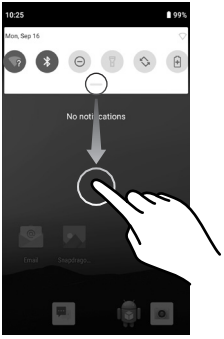
1. Turn on the product.
2. Swipe up on the screen to unlock the screen and then swipe down to display the Quick Setting window.



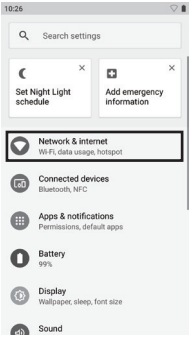


3. Tap the Wi-Fi icon to enable Wi-Fi.
4. Slide down the Quick Setup window to expand it.

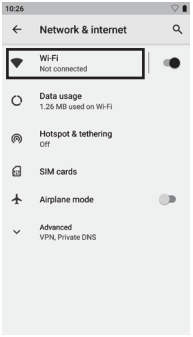




5. Tap at the bottom right to go to the setting menu.
6. Tap Network & Internet to go to the Network & Internet configuration menu.



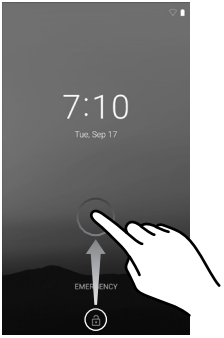
7. Tap Wi-Fi to go to the Wi-Fi setting menu.
8. Select Wi-Fi to connect.



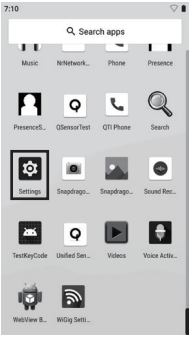
9. Enter the password in the next section.
10. Tap CONNECT to complete the Wi-Fi setup.
(If cannot connect, check again whether the AP you want to connect to is correct or if entered the password correctly)

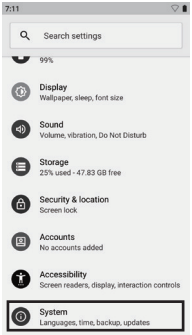
14 TIME SETTING

1. Turn on the product.
2. Swipe up on the screen to unlock the lock screen and then swipe up again to go to the Apps list.

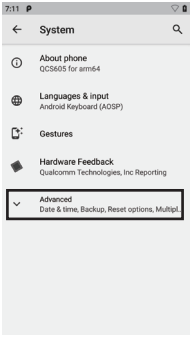


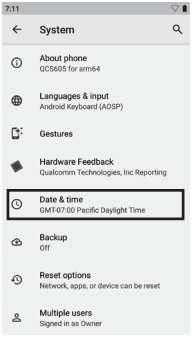
3. Tap the Setting icon to go to the setting menu.
4. Tap System to enter system settings menu.



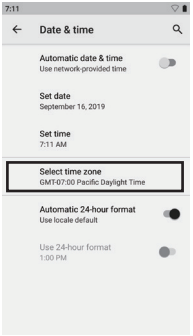


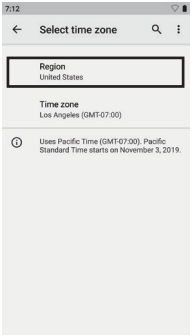
5. Tap Advanced to bring up hidden items.
6. Tap Data & Time to go to the Data & Time setting menu.



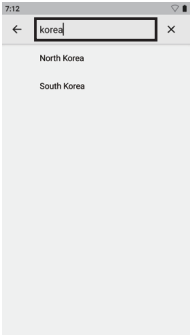


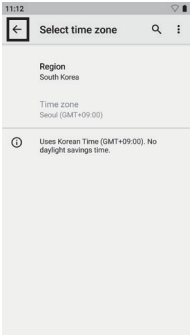
7. Tap select time zone to move to the Select Time zone setting menu.
8. Tap Region to go to the Region Settings menu.



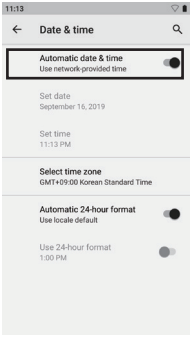


9. Type korea or south korea in the search box then select south korea from the item appear.
   (Choose another country to set the time for another country)
10. Tap Back to return to the Date & Time setting menu.





11. Activate Automatic Date & Time to complete the time setting.
    (Finish Wi-Fi setting before using Automatic Date & Time setting)



SPECIFICATION

CPU	Qualcom 2.5GHz Octacore
Operating System	Android 9.0 Pie upgradable thru Android R
Memory	3/4GB RAM 32/64GB Flash
Display	5”, IPS TFT (1080x1920), outdoor readable
Touch panel	5point multi touch
Keypad	on screen customizable Keypad, side scan Button, Volume up/down Button, Power Button
Power	PDA : Li-Ion polymer, 3.7V/2800mAh SLED : Li-Ion, 7.2V/3350mAh(Detachable)
I/O port	USB 3High speed(host and Client)
Notification	Audible tone, color LED, vibration
Audio	speaker, PTT support and Bluetooth wireless headset support
Camera	16M pixel, Auto focus, 4K video with image stabilization
WLAN	802.11 b/g/n/ac
Bluetooth	Bluetooth v.5 and BLE
Push to talk (PTT)	Supported
Barcode	2D Barcode Image(Honeywell 6603)
Operating temperature	-20 °C to 50 °C
Storage temperature	-30 °C to 70 °C
Humidity	0% to 95% relative humidity(non-condensing)
Drop	1.5M drop to concrete
Sealing	IP67
Dimension	79 x 194 x 150 mm
Weight	645g(with GUN Battery)

* Product specification and design will be subject to changes without notice. (Product Development In Process)

MEMO

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(주)에일리언테크놀로지아시아
서울 금천구 디지털로길 99, 909호(가산동, 스타밸리)
TEL 070-7012-1317 / FAX 02-868-1710
http://www.alienasia.com

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