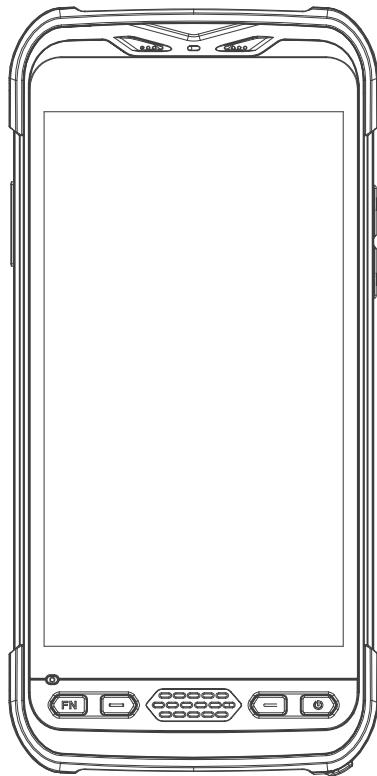


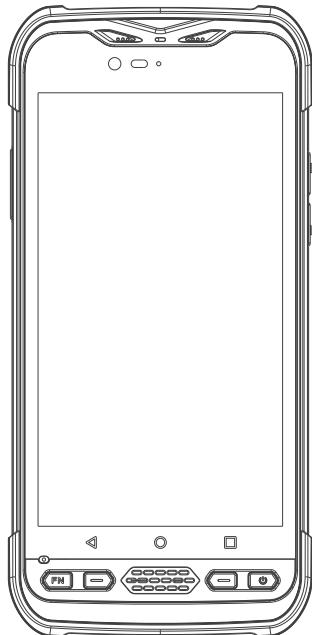
# UA60

## Quick Start Guide

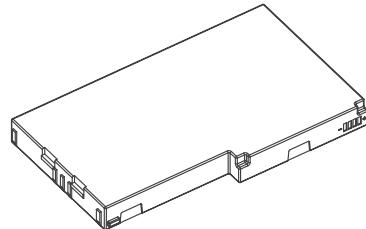


# ① WHAT'S IN THE BOX

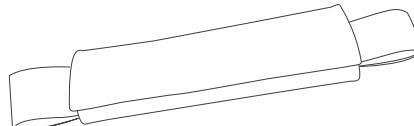
The pictures shown below may differ from the actual products.  
To purchase additional or optional products, contact our customer center.



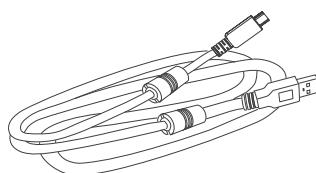
Device



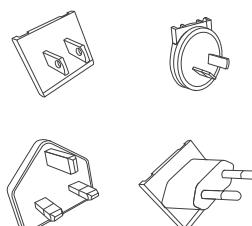
Battery



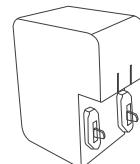
Handstrap



Type-C cable

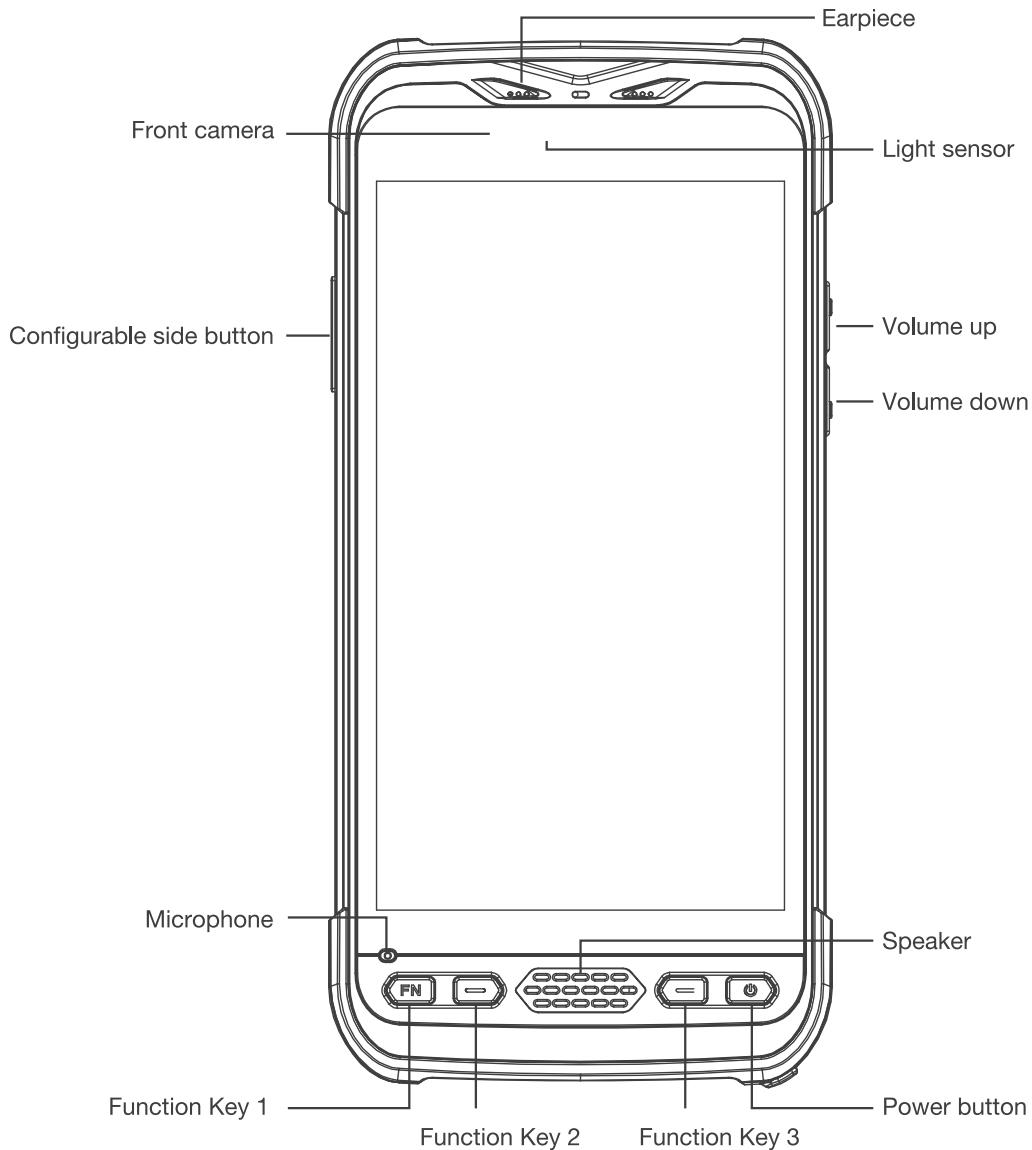


Converterplugs

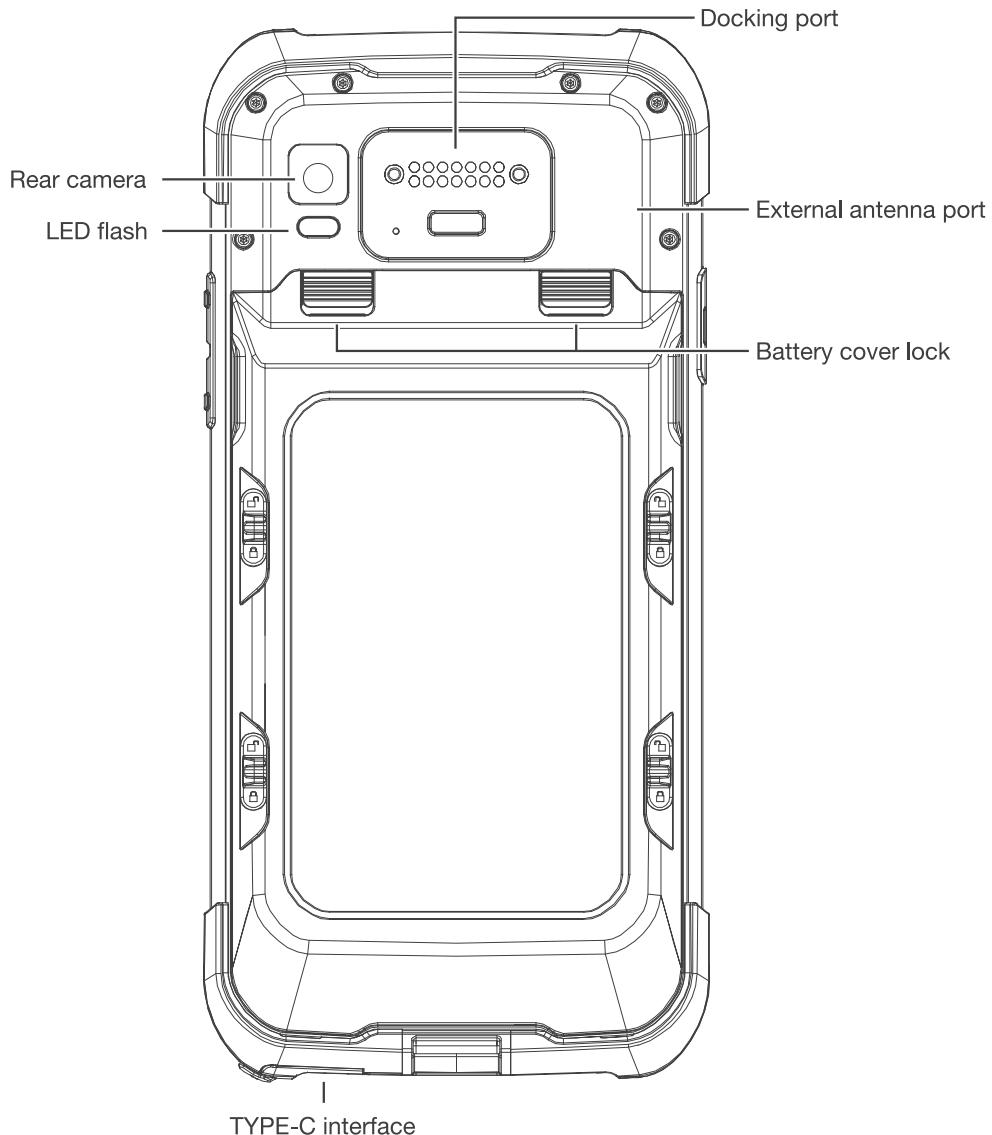


Charging adaptor

## ② YOUR DEVICE

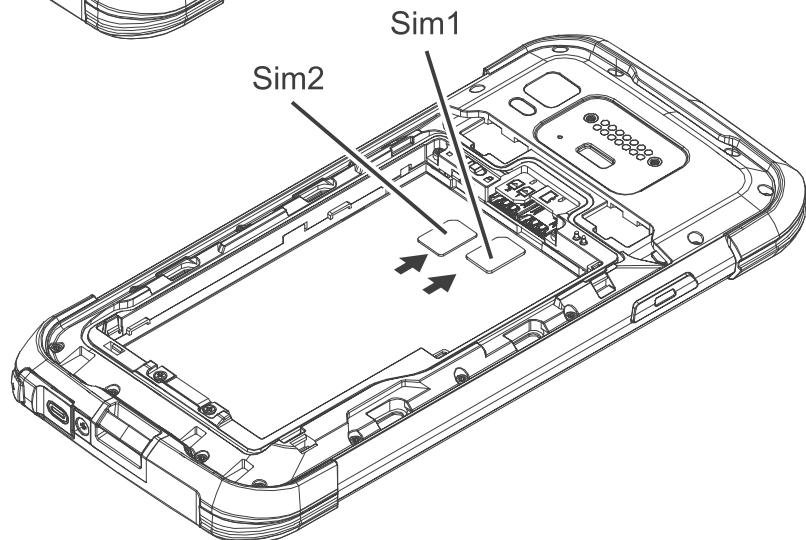
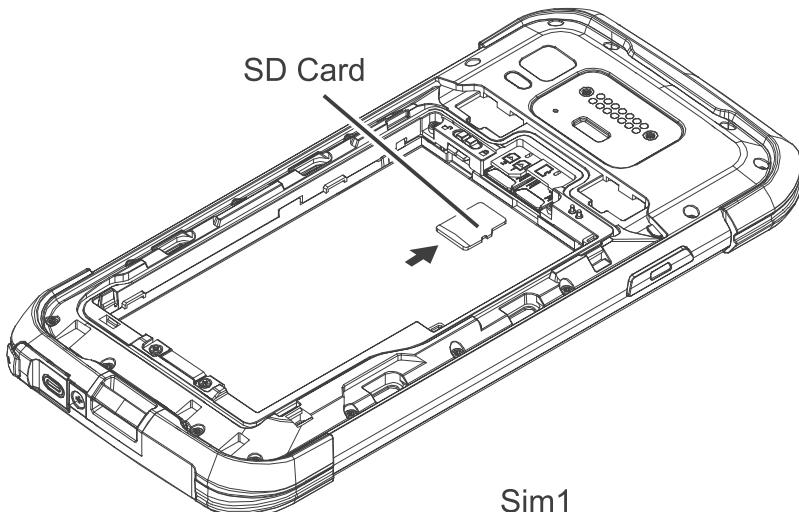


### ③ YOUR DEVICE



## ④ SIM/MICRO SD CARD

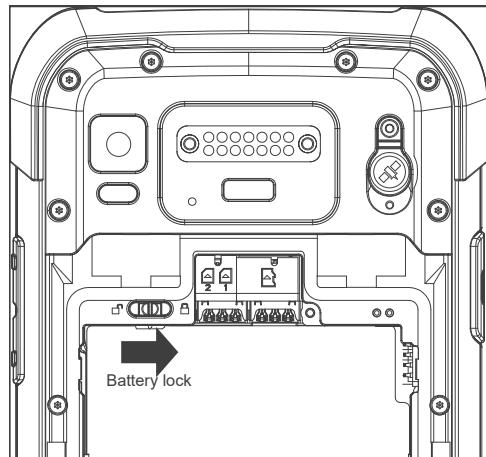
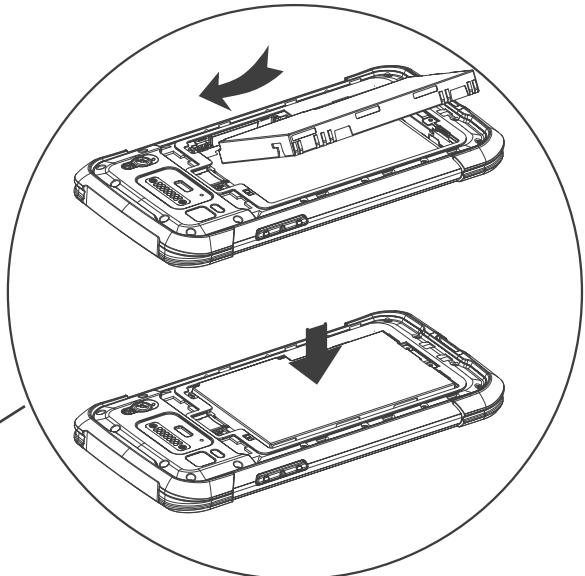
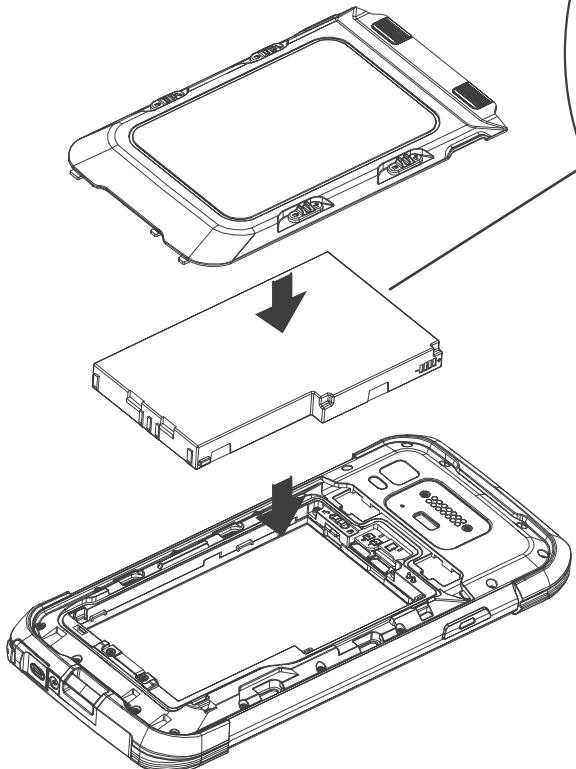
This is how you insert and remove the SIM/micro SD.



## ⑤ INSERT BATTERY

### To insert the battery

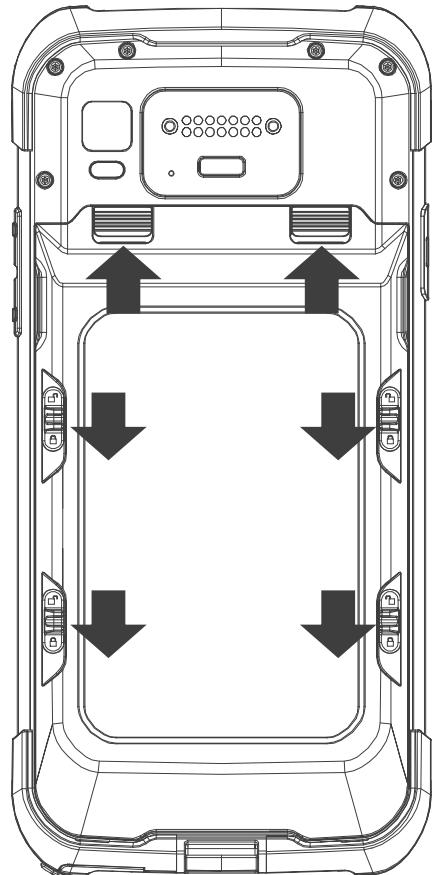
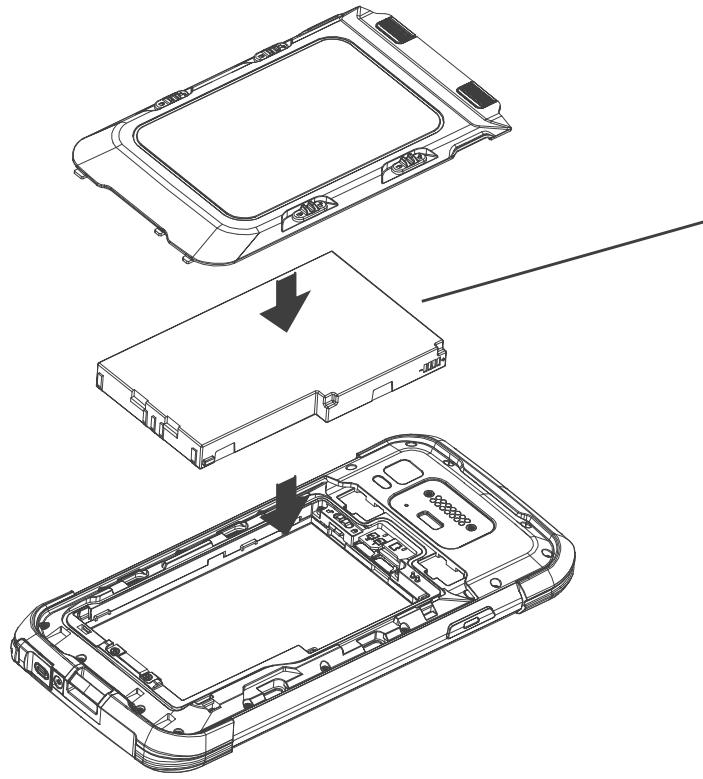
1. Insert the battery
2. Push the battery lock to the close position
3. Attach the battery cover



## ⑥ INSERT BATTERY

### To insert the battery

4. Make sure all clips are properly attached. Use your thumbs to press down around the entire battery cover in order to ensure its properly closed.
5. Push the battery cover locks to closed position.



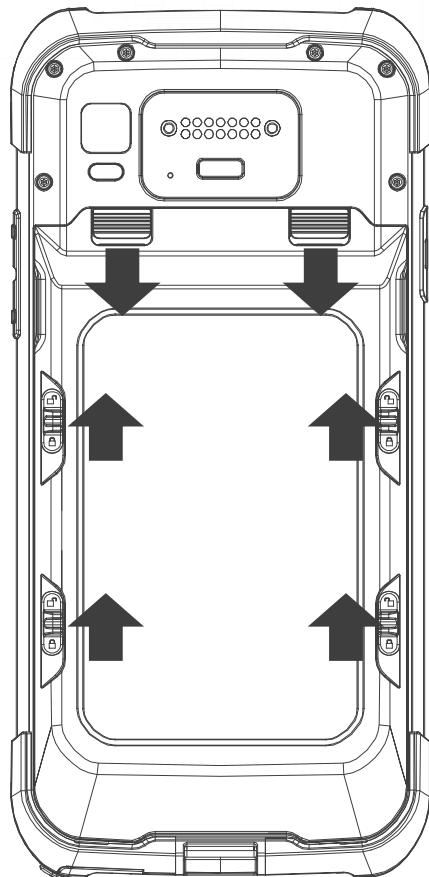
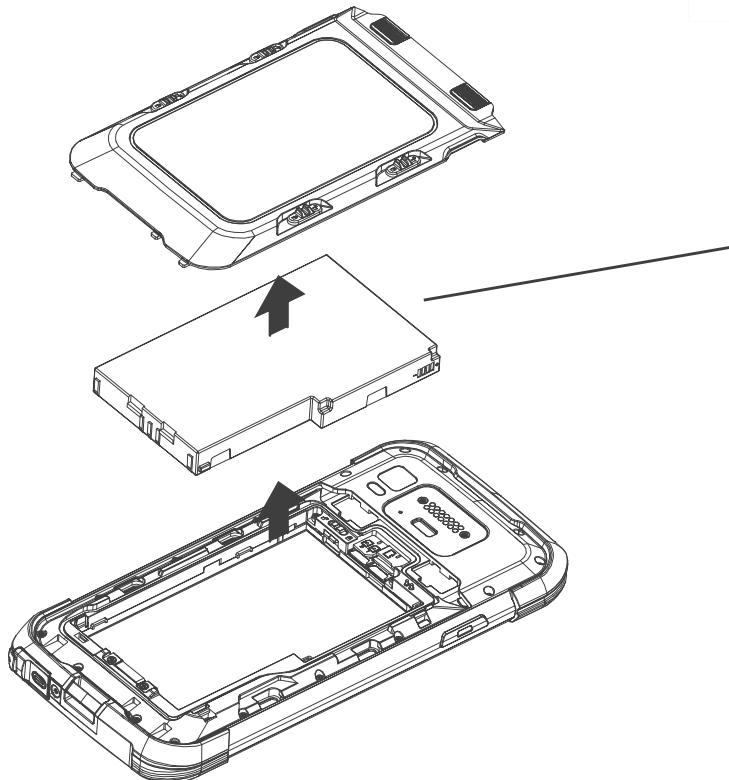
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Make sure the battery cover is properly assembled according to above instructions.

# ⑦ REMOVE BATTERY

## To remove the battery

1. Power off the device before removing the battery.
2. Push the battery cover locks to open position.



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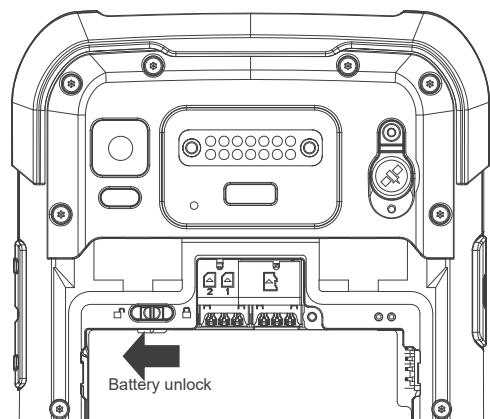
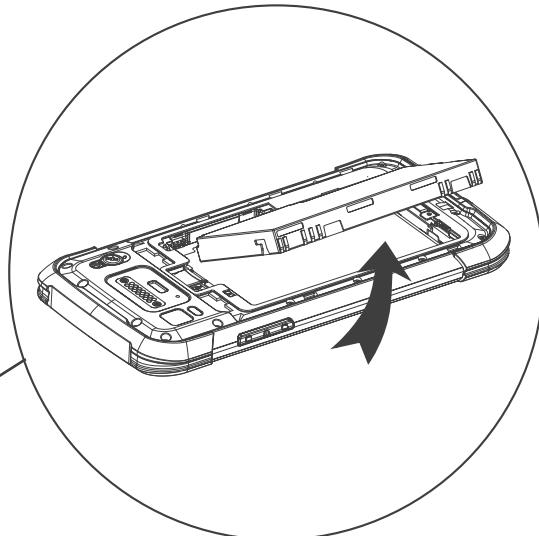
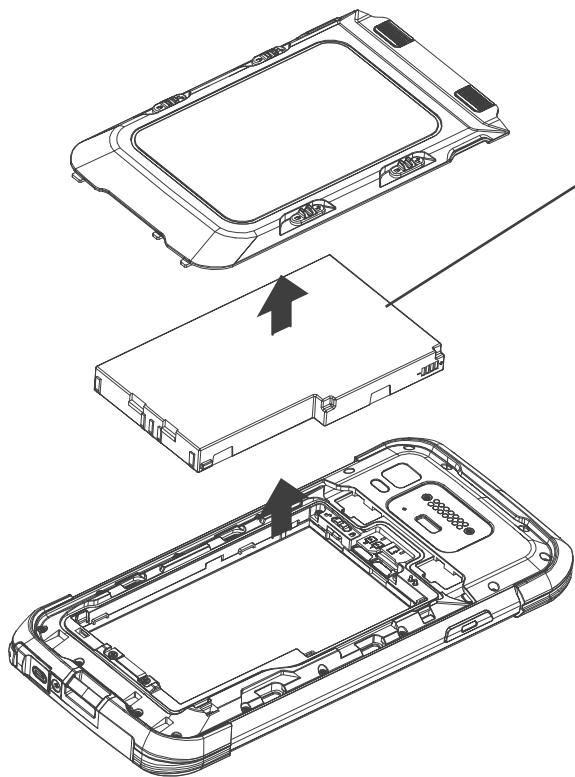
Open the battery cover using left side handle.

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## ⑧ REMOVE BATTERY

### To remove the battery

3. Detach the battery cover
4. Push the battery lock to the open position
5. Remove the battery



**Caution:**

Use the Product in the environment with the temperature Between -20°C and 60°C;  
Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: Rugged handheld  
Brand Name: /  
Model No.: UA60  
Runione Tech Co., Ltd  
E-mail: ll.zheng@runione.com

hereby declares that this [Name: Rugged handheld, Model: UA60] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

**CE**

The product shall only be connected to a USB interface of version USB3.2 and that the connection to a power USB is allowed.

Use careful with the earphone maybe possible excessive sound pressure from earphones and headphones can cause hearing loss.



**CAUTION**  
**RISK OF EXPLOSION IF BATTERY IS REPLACED  
BY AN INCORRECT TYPE.**  
**DISPOSE OF USED BATTERIES ACCORDING  
TO THE INSTRUCTIONS**

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PL
	PT	RO	SI	SK	FI	SE	UK (NI)

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

The RF distance between body and product is 0mm

Technical Characteristics	
<b>2G</b>	
Support Networks:	GSM, GPRS, EDGE
Support Bands:	GSM900, DCS1800
Frequency Range:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz

RF Output Power:	GSM900: 32.95dBm, GSM1800: 30.09dBm EDGE900: 25.98dBm, EDGE1800: 26.16dBm
<b>3G</b>	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Bands:	WCDMA Band 1, WCDMA Band 8
Frequency Range:	WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz WCDMA Band 8: Tx: 880-915MHz, Rx: 925-960MHz
RF Output Power:	WCDMA Band 1: 21.89dBm, WCDMA Band 8: 22.01dBm
<b>4G</b>	
Support Bands:	FDD-LTE Band 1, 3, 7, 8, 20, TDD-LTE Band 38, 40
Frequency Range:	FDD-LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	FDD-LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz
	FDD-LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz
	FDD-LTE Band 8: Tx: 880-915MHz, Rx: 925-960MHz
	FDD-LTE Band 20: Tx: 832-862MHz, Rx: 791-821MHz
	TDD-LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz
	TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
	Normal: FDD-LTE Band 1: 22.64dBm, FDD-LTE Band 3: 23.13dBm, FDD-LTE Band 7: 22.47dBm, FDD-LTE Band 8: 22.92dBm, FDD-LTE Band 20: 23.13dBm, TDD-LTE Band 38: 22.46dBm, TDD-LTE Band 40: 22.70dBm Sensor ON: FDD-LTE Band 3: 20.50dBm, FDD-LTE Band 7: 18.17dBm
<b>5G NR</b>	
SA Band:	n1; n3; n20; n28; n41; n77; n78
NSA Band:	3A_n1A, 8A_n1A, 40A_n1A, 1A_n3A, 8A_n3A, 20A_n3A, 1A_n28A, 3A_n28A, 7A_n28A, 1A_n41A, 3A_n41A, 40A_n1A, 1A_n77A, 3A_n77A, 8A_n77A, 1A_n78A, 28A_n78A, 40A_n78A
Frequency Range:	n1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	n3: Tx: 1710-1785MHz, Rx: 1805-1880MHz
	n20: Tx: 832-862MHz, Rx: 791-821MHz
	n28: Tx: 703-748MHz, Rx: 758-803MHz
	n41: Tx: 2496-2690MHz, Rx: 2496-2690MHz
	n77: Tx: 3300-4200MHz, Rx: 3300-4200MHz
	n78: Tx: 3300-3800MHz, Rx: 3300-3800MHz
	Normal: n1: 23.86dBm, n3: 24.07dBm, n20: 23.35dBm, n28: 22.95dBm, n41: 24.52dBm, n77: 25.49dBm,
Max. RF Output Power:	

	n78: 26.81dBm, DC_3A_n1A: 25.27dBm, DC_8A_n3A: 24.89dBm, DC_7A_n28A: 24.24dBm, DC_1A_n41A: 26.01dBm, DC_3A_n77A: 25.74dBm, DC_28A_n78A: 25.88dBm Sensor ON: n1: 21.94dBm, n3: 22.06dBm, n20: 21.81dBm,
<b>Wi-Fi (5GHz)</b>	
Support Standards:	802.11a, 802.11n-HT20/40, 802.11ac-VHT20/40/80
Max. RF Output Power	ANT 1: 17.76dBm (EIRP) ANT 2: 17.37dBm (EIRP)
Frequency Range:	5180-5240MHz, 5260-5320MHz, 5500-5700MHz,
<b>Wi-Fi (5.8GHz)</b>	
Support Standards:	802.11a, 802.11n(HT20/40); 802.11ac-VHT20/40/80
Max. RF Output Power	ANT 1: 13.80dBm (EIRP) ANT 2: 13.21dBm (EIRP)
Frequency Range:	5745-5825MHz
<b>Bluetooth</b>	
Bluetooth Version:	Bluetooth V5.2
Frequency Range:	2402-2480MHz
Max. RF Output Power:	8.79dBm (EIRP)
<b>Wi-Fi (2.4GHz)</b>	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Max.RF Output Power:	ANT1: 17.09dBm (EIRP) ANT2: 16.43dBm (EIRP)
<b>NFC</b>	
Frequency Range:	13.56MHz
Radiated H-Field:	3.08dBuA/m(@3m)
<b>GPS</b>	
Frequency Range:	L1:1575.42MHz Receiving L5:1176.45MHz Receiving

**Radiation Exposure Statement:**

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Rugged handheld (FCC ID: 2BOTS-UA60) has also been tested against this SAR limit. SAR information can be viewed on - line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 0mm to body.

To maintain compliance with FCC RF exposure requirements, the use of accessories should maintain a separation distance between the user's bodies mentioned above, the use of accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

This device has been tested and meets the IC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 0mm from the body. Noncompliance with the above restrictions may result in violation of RF exposure guidelines.

L'appareil a été testé pour répondre aux directives d'exposition IC RF lorsqu'il est utilisé avec un accessoire spécifié pour ce produit ou lorsqu'il est utilisé avec un accessoire qui ne contient pas de métal et qui place le téléphone à au moins 0 mm du fuselage. Le non-respect des restrictions ci-dessus peut entraîner une violation des directives d'exposition aux RF.

**FCC Warning**

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.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio

communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## **IC WARNING**

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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

Lorsque l'appareil fonctionne dans la gamme de fréquences de 5150 à 5350 MHz, il est limité à une utilisation en intérieur uniquement.

Product Name: Rugged handheld

Model No.: UA60

FCC ID: 2BOTS-UA60

IC: 33835-UA60