UniStrong

A5

Quick Start Guide

www.**UniStrong**.com

A5

1. Specifications

Operating system	Google Android 5.1.1	
Processor	Quad core, 64 bits 1.2GHz	
GNSS	Module type	72 channels, BDS B1, GPS L1 C / A, GLONASS L1, Supports SBAS
	Positioning Precision	Autonomous 2-5 meters (CEP), SBAS 1-3 meters (CEP), DGPS: < 1 meter (CEP)
	Update Rate	1Hz
Power (battery)	Voltage	3.7V
	Capacity	3100mAh
Storage	RAM	2G
	Memory	32G
	Extended	support MicroSD card, maximum 128G
Communications	I/O	Micro USB 2.0, external antenna connector
	Cellular Network	D LTE-FDD / LTE-TDD / TD-SCDMA / WCDMA /GSM / CDMA
	Others	13.56MHz RFID, Wi-Fi, Bluetooth, FM radio
Display	Size	5.3 inches
	Resolution	1280 × 720, visible under strong light
	Touch-screen	Capacitive, multi-touch, gloves touchable
Environmental	IP Rating	IP67
	Drop proof	1.2 m
	Operating Temperature	-20 $C°$ ~ +60 $C°$
	Storage Temperature	-30 $C°$ ~ +70 $C°$
Sensors and Multimedia	Sensor	Electronic compass, barometer, accelerometer, light sensor, proximity detector, gyroscope
	Camera	Main camera 13 million pixels, front camera 2 million pixels
	Audio	Microphone, speaker, 3.5mm headphone jack
Physical	Button	2 volume buttons, 2 custom buttons, 1 power button, 1 reset hole, 3 Android soft keys

2. Physical Descriptions

Front View

Rear Camera

External Antenna Interface

Speaker hole

External Device Docking Station

Battery Cover

Battery Cover Screw

Wristband

MicroUSB Interface Reset hole
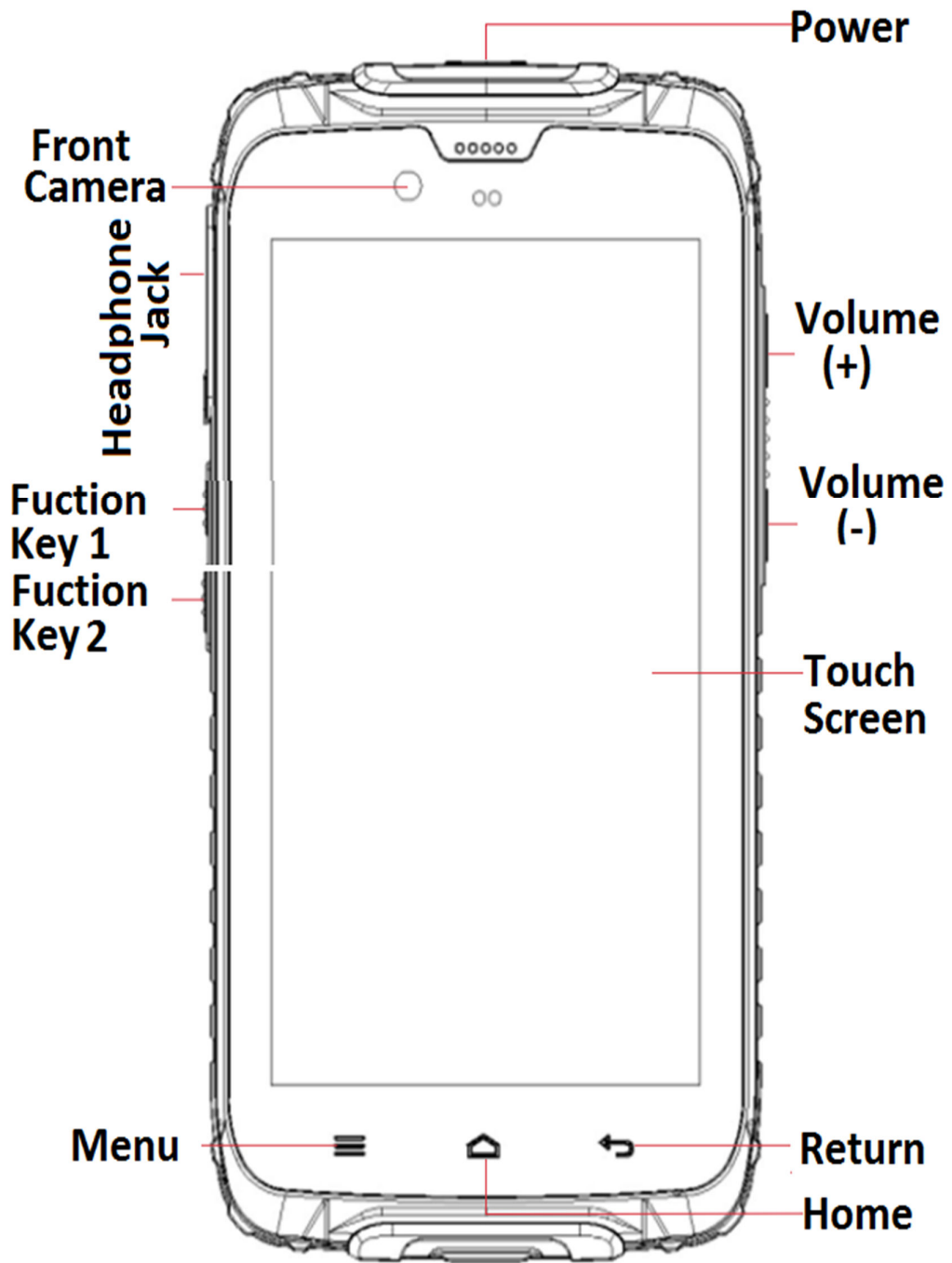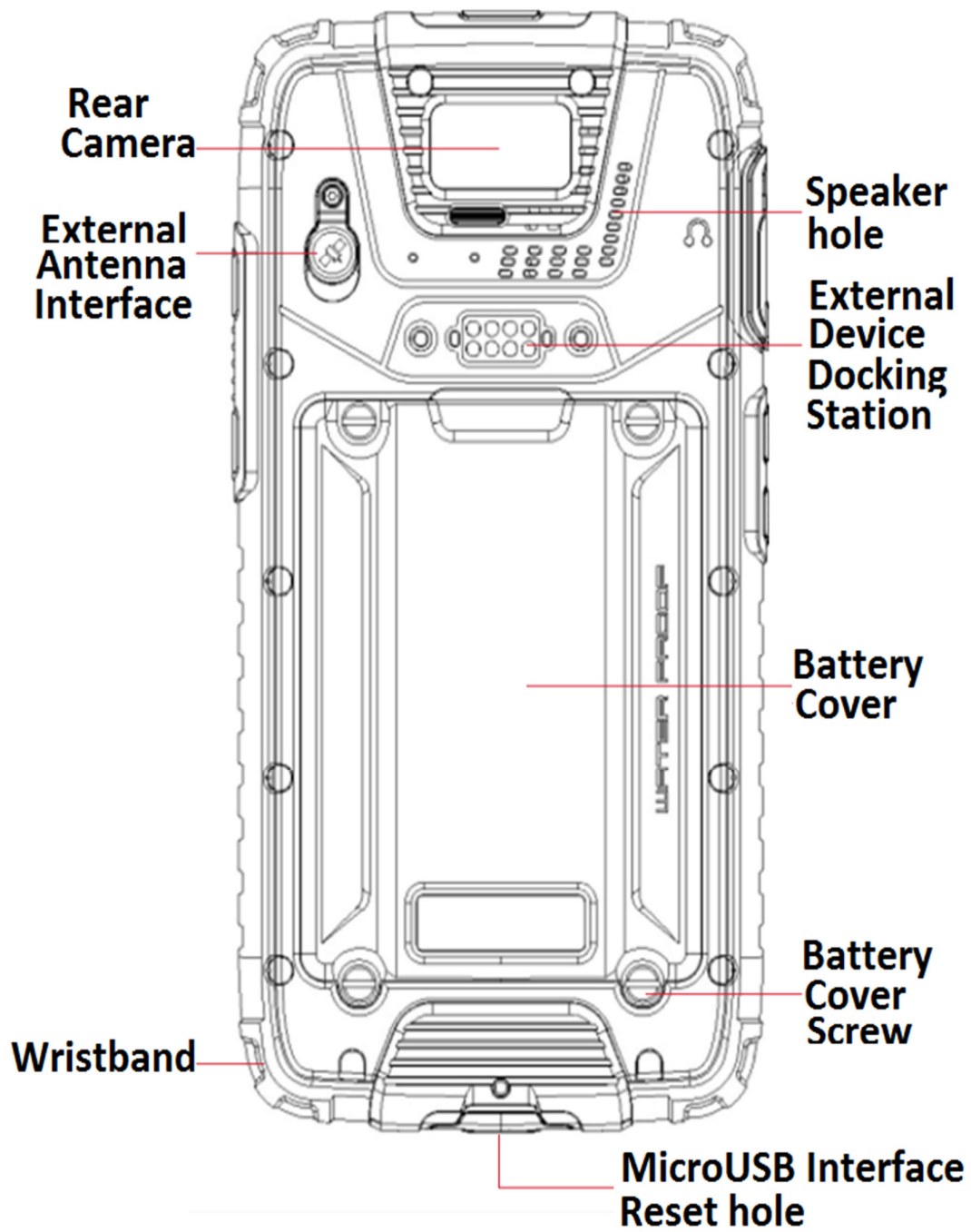
Rear View

3. Charge the Battery

● Charging with travel charger

Plug the small end of the USB cable into the Micro USB port of A5, connect another end to the travel charger and then insert the travel charger into the power plug.

● Charge with USB cable

Plug the small end of the USB cable into the Micro USB port of A5 and connect another end to the computer's USB port.

⁕ Note: When charging, the main screen will show charging icon on the status bar if A5 is on. Press power button once to show charging screen if A5 is off. When the battery full is charged, the main screen will show full (100%) on the status bar if A5 is on. Press power button once to show full (100%) on the status bar if A5 is off.

4. Install the SIM / USIM card, memory card and battery

Turn the power of A5 off before installing or removing a SIM / USIM card, memory card or battery.

Turn A5 over, unscrew the four screws of the battery cover counter-clockwise.

Remove the battery cover. There is a SIM / USIM card slot. Micro SD card slot is at the top of battery compartment as shown in picture below.
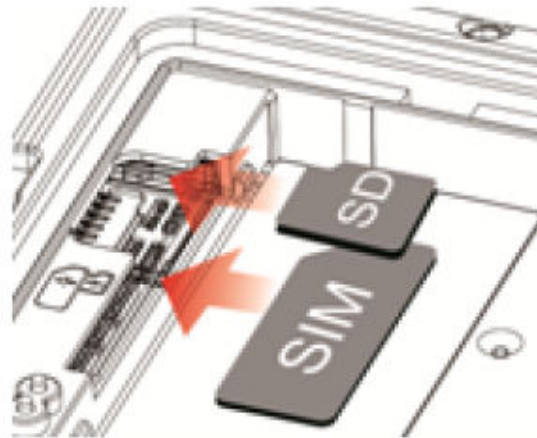

Figure 1

Hold the SIM / USIM card with metal contact side facing down. Take note of the card chamfer orientation before pushing the card into the slot.

Hold the Micro SD memory card with metal contact side facing down. Take note of the card chamfer orientation before pushing the card into the slot.

Align the battery with the copper end of the battery compartment and gently

insert the battery. After the battery is inserted, install the battery cover and push the back cover to the locked position. Screw to secure the battery compartment cover.

5. Power on/off device

To power on, press and hold [power button] at the top of the unit
until the power-on screen appears.
To shut down, press and hold [power button] until the pop-up options menu, including power off, airplane, reboot, mute, vibrate, volume on modes
Select the power off option.
When A5 is on, click [power button] to turn the screen off (sleep mode).
Click [power button] again to turn on the screen, slide the icon to the right to unlock the screen.
If A5 is idle for a while, it will automatically turn the screen off and goes to sleep mode.
※ Note: If the A5 computer is behaving abnormally, reset the A5 with a sharp object insert into the reset hole besides MicroUSB interface.

6. Home screen operation

From the Home screen, you can view the device status and access the application. The main screen has multiple panels. Swipe left or right on the screen to view each panel. At the top of the home screen is a status bar that contains the notification area, the status area, and the display area. The shortcut panel is at the bottom, the "application icons" are in the middle of the main screen as shown in picture 2.
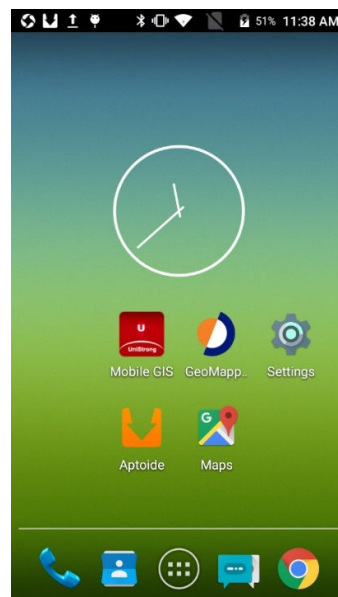
Figure 2

● Use the notification panel

When the new notification icon appears in the notification area of the status bar, press and hold the status bar, drag it down to open the notification panel. To hide the panel, drag the lower border of the panel up.

● Customize the shortcut panel

You can customize the shortcut panel at the bottom of the Home screen by adding or removing a Shortcut icon.

To remove the Shortcut icon, press and hold the Shortcut icon and drag it to the Delete icon. To add a Shortcut icon, press and hold the icon on the Home screen and drag it to the shortcut panel.

● Using the "Application Icons ⊞ "

The Application icon ⊞ contains all the applications. Touch the Application icon ⊞ to bring up the application panel and the widget panel. Touch the Home key at the bottom of the screen to close it and return to the Home screen.

● Expand the Home screen

Swipe your finger horizontally on the Home screen to extend the left or right side of the Home screen.

(1) Add the home screen icon

Press and hold any application or widget icon and drag it to the blank area of the home screen.

(2) Move the Home screen icon

Press and hold the icon on the Home screen and drag the icon to the desired location on the screen.

(3) Remove the Home screen icon

Press and hold the icon on the Home screen and drag the icon to the Remove icon until the icon turns red.

● Create a folder

On the Home screen, drag an icon to another icon will create a folder automatically.

Touch the new folder on the screen to open it.

Press and hold the title bar of the folder to rename it.

● Replace the Home screen wallpaper

Press and hold an empty area of the Home screen, or touch Menu key →

Wallpaper to change the Home screen wallpaper by selecting options such as Wallpaper, Live Wallpaper, Video Wallpaper, and Gallery.

7. Connect to computer

Connect the A5 to computer using the USB cable. The "USB Connected" screen appears on the main screen and click the "Open USB Storage Device" icon. When connected, Micro SD card is as seen as a removable disk and can transfer files between the computer and the A5.
To remove the Micro SD card when A5 is on, touch the Application icon → Settings, or touch the Menu key → System Setup to enter the Settings panel, scroll down the screen, and select " Storage "→" Unmount shared storage".

8. Application installation and management

Users can access the application market to download and install the related applications.
Touch Applications icon 🟢 → Settings, select Applications, or touch Menu key → Manage Applications to view and manage the applications in your device.

9. BDS / GPS / GLONASS positioning mode

Touch "Applications 🟢 " → "Settings" and select "Location" to access the Location Services panel and switch to "On"
On the "Location" page, check to enable NMEA output, SBAS mode and select Location mode : GPS+BDS; GPS+GLONASS; BDS. This option must be on if you need to use location information obtained via satellite positioning.
The user can view all in used satellites of the BDS, GPS and GLONASS with the application at current location. The program can display real-time satellite number, signal strength and location information.
When location services are enabled, the applications downloaded and installed from the applications market can access the current location information through the appropriate service interface and provide location-based services and applications.

10. Camera and video

Touch the "Application icon 🟢" → "Camera" to open the camera, the direction of the screen will change with the A5 holding direction.
Touch the zoom control on the screen to zoom in or out on the subject.
Touch the camera switch icon to select the front and rear camera, and touch the camera button to switch to the camera mode.

11. Wireless connection (WLAN / Bluetooth)

● WLAN connection

Touch the "Applications ⊞" icon → "Settings" to open the settings panel, swipe WLAN option button to the right to activate WLAN. When WLAN is turned on, the WLAN icon appears in the status bar. In the list of available networks, select the link you want to use and follow the prompts to enter the network key to connect.

● Bluetooth connection

(1) Bluetooth activation. Touch "application icon ⊞" → "Settings" to enter the settings panel, swipe the Bluetooth option button to the right to activate Bluetooth. When Bluetooth is turned on, the Bluetooth icon appears in the status bar.

(2) Bluetooth pairing. Touch "Search Device" to search the available Bluetooth devices, select the desired devices to be connected in the Refresh list, bring up the Bluetooth Pairing Request, enter the Bluetooth password, and select Pairing. When the owner of the external Bluetooth device accepts the connection or enters the same password, the connection to the external device is completed.

(3) Bluetooth transmission. With Bluetooth, you can share pictures, videos, or music files with family and friends.

Instructions for using the device

1. Do not use electronic equipment in special places, such as airports, hospitals, gas stations, etc.,
2. For safety reason, do not use this product while driving.
3. Do not put this product near the airbag of the car to minimize risk.
4. For your safety, please do not use this product in thunderstorms.
5. Although the device is waterproofed, please do not place the device in water or damp areas for a long time.
6. The operating temperature range of this product is -20 C° ~ +60 C°, storage temperature range of -30 C° ~ +70 C°, too high or too low temperature will affect the performance and life time of the device.
7. Please use a dedicated rechargeable lithium battery. Low-quality battery will affect the performance and life time of the device, or even increase the risk of explosion.

8. Do not hit or shake the device severely to avoid damaging the internal electronic components of the device.
9. Please do not disassemble the device yourself. Please send the device to authorized dealers for repair.
10. After the end of service life of the device, please dispose the device in accordance with local regulations.
11. When replace the battery or use with an external power supply, you must completely shut it down before you remove the battery or disconnect the external power supply, otherwise this may cause damage to the device.
12. This product is a Class A product and may cause radio interference in certain environment. In this case, it may be necessary for the user to take precautionary measures to prevent interference.

Instructions for using the battery

1. This product use a rechargeable lithium battery as power supply. When the power is weak, get the battery charged. To maintain battery life, it is better to drain the battery fully before charging.
2. When the battery charger is not in use, separate it from the power supply source. Do not connect the charger to the battery for more than a week. Overcharging will shorten battery life.
3. Temperature affects the battery charging limit. So the battery may need to be cooled or warmed up before charging.
4. Please use the battery for its original purpose. Do not short-circuit the battery. When the conductive material directly connected to the battery anode and cathode, it will cause a short circuit.
5. Do not use damaged batteries.
6. Exposing the battery to extreme cold or extreme heat can result in shortened battery life. Exposing the battery in cold or hot places can cause the device to not function properly, even when the battery is fully charged.
7. Do not dispose of the battery in fire. Do not dispose of the battery at will. Please take it to the battery recycling station. Dispose of the battery in accordance with local regulations.