



Shanghai UniOne Science Technology UA100 (Scan) Rugged Android Tablet User Guide

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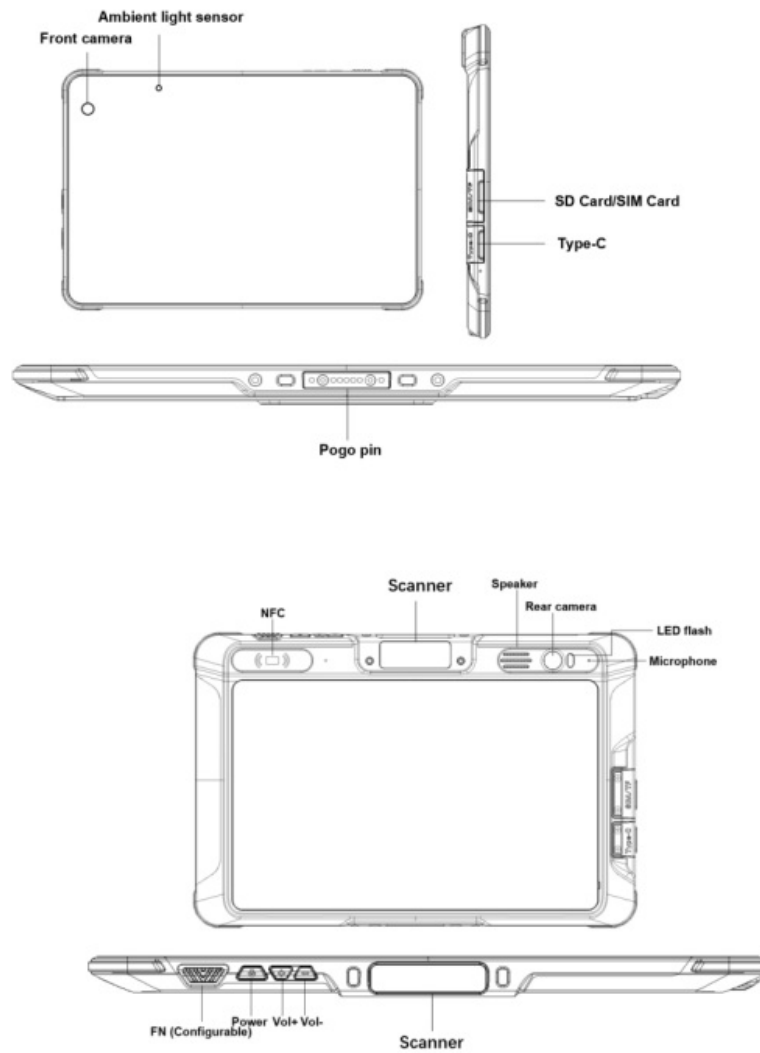
SHANGHAI

UniOne Science Technology UA100 (Scan) Rugged Android Tablet
User Guide

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Appearance Overview



SIM/microSD Card



To insert the SIM/microSD card, follow the indicated direction.

Power on for the First Time

When starting for the first time, fully charge the device. Plug the power adapter into the device and charge until the battery is full.

Power On/Power Off

1. Power On Press the power button a few seconds until the device start.
2. Enter/Exit Sleep Mode Click the power button once, the screen enters sleep mode.

When the screen is lit up and there is no operation for one minute, the device will automatically enter the sleep mode (Standby time setting: Settings>Display > Screen timeout). Click the power button once, the screen lights up and exits sleep mode. Swipe up on the screen to unlock.

Network & Internet

Wi-Fi

You can access the Internet when you connect your UA100 (Scan) to a Wi-Fi network. To connect your tablet to a Wi-Fi network;

1. From Notifications or App menu, click "Settings".
2. Click "Network & Internet".
3. Click Wi-Fi.
4. Set the Wi-Fi to ON position located under Wireless & networks settings. A list of Wi-Fi access points present within your tablet accessible range are displayed.
5. Select your preferred network. Enter the WEP/WPS/WPA key (if it is a secured network) and select Connect. To verify the password before connecting, enable Show password.

Mobile Network

1. From Notifications or App menu, click "Settings".
2. Tap on "Network & Internet" > "Mobile plan"
3. Select SIM card Slot and the following options are displayed:
 - Mobile data: Turn On to enable mobile data. Using mobile data, you can access Internet.
 - Roaming: Turn ON to enable data roaming to connect to data services while roaming.
 - Data usage: Mobile data usage for a particular time frame is displayed.
 - Network:
 - Automatically select network: Turn ON to connect to the selected network automatically.
 - Network: The network name is displayed.
 - Access Point Names: Tap on Access Point Names (APNs) to view and edit the network access points. Tap on the () icon to add a new access point.

Hotspot & Tethering

Hotspot and Tethering provides Internet to other devices through your mobile data connection. Apps can also create a hotspot to share content with nearby devices.

USB Tethering

Using USB tethering, you can share tablet's Internet connection via USB.

1. From Notifications or App menu, click "Settings".
2. Click "Network & Internet"> "Hotspot & tethering".
3. Turn on USB tethering.

Airplane Mode

When your tablet is set in airplane mode, network connectivity or mobile data connectivity is disabled. But you can access your camera, media files and other features that do not require mobile data connectivity.

To activate airplane mode:

1. From Notifications or App menu, tap on "Settings".
2. Tap on "Network & Internet" > open "Airplane Mode ".

Connected Devices

Bluetooth Turn ON

You can share the tablet's Internet connection via Bluetooth.

1. From Notifications or App menu, tap on "Settings".
2. Tap on "Connected devices" > "Connection preferences" > "Bluetooth"
3. Turn ON to enable Bluetooth tethering.

Bluetooth

You can perform the following tasks using Bluetooth paired devices.

- Transfer media files and contacts between connected mobile devices using Bluetooth.
- Use Bluetooth connected headtablets for playing media file.

Pairing A Bluetooth Device

To activate Bluetooth and pair your UA100 (Scan) device with others.

Bluetooth Devices:

1. From Notifications or App menu, tap on "Settings" > "Connected devices" > "Connection preferences".
2. Tap and enable Bluetooth. A list of accessible Bluetooth devices are displayed. Ensure that Bluetooth is activated on the other device as well.
3. Tap on "Pair new device" to pair a new device. Available devices are listed.
4. Select the desired device from the list. It starts pairing with the selected device. A confirmation message is displayed to pair the device. Select PAIR.

Display Settings

Display

1. From Notifications or App menu, tap on "Settings" > "Display".
2. Set the following options to configure your tablet's display:
 - Brightness level: Set the brightness of the tablet display.
 - Night Light :
 - schedule:
 - Intensity: You can increase/decrease the light intensity as per your requirement.
 - Adaptive Brightness: This optimizes the brightness level for available light.
 - Wallpapers: Includes images that are pre-loaded with the tablet.
 - Dark theme: Turn On to display the black theme.
 - Screen timeout: Set the sleep time so that the screen brightness is turned down after specified time of tablet inactivity. This setting also optimizes the battery power. The options are: Never, 15 seconds, 30 seconds, 1 minute, 2 minutes, 5 minutes, 10 minutes and 30 minutes.
 - Auto-rotate screen: Turn On to set auto-rotate screen ON.
 - Font size: Set the font size of the text to be displayed on the screen.

- Display size: You can make the items on your screen smaller or larger. Some apps on your screen might change position.
- Screen saver: You can set any of the applications as a screen saver.
- Lock screen display: Tap on lock screen display and Turn On New notifications(under WHEN TO SHOW). The device screen is awake when you receive notifications.

Battery Settings

Battery

1. From Home screen or App menu, tap on “Settings” > “Battery”.
2. Under Power management the following options are displayed:
 - Battery saver: Set the Battery saver to On by selecting the option given for Turn On.

System Settings

Language & Input

You can set the tablet’s language to any of the languages displayed in the language list. All the menu items and user feedback messages will be displayed in the set language.

1. From Notifications screen or App screen, tap on “Settings” > “System” > “Languages & input”.
 2. Tap on “Languages” and select any desired language from the list as your preferred language.
- Default language: English is set as the default language. This can be changed by you if you prefer to have a different default language.
 - Add a language: you can select any languages from Suggested languages list or All languages list.
 - Search: Tap on Search icon to search a language.

Product Safety Warnings

Use responsibly. Read all instructions and safety information before use to avoid injury.
The maximum operating ambient temperature of the equipment is 60°C.

1. Charger Safety

Please place the device in an environment that has a normal room temperature with good ventilation when charging. It is recommended to charge the device in an environment with an ambient temperature that ranges from 0°C~45°C.

2. Wi-Fi Safety

Turn Wi-Fi off in areas where Wi-Fi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.

3. Avoid Damage To Your Hearing

Exposure to loud volumes from ear tablets and headtablets over prolonged periods can cause hearing loss.

NOTICE:

1. Some special places, such as airports, hospitals, gas stations and other places, do not allow the use of electronic equipment. Please comply with the rules and do not use this product in these places.
2. For your safety and the safety of others, please do not use product while driving a vehicle.
3. In order to avoid potential safety problems, do not put product near the vehicle's airbag.
4. For your safety, please do not use product during thunderstorms.
5. Although these products(UA100 (Scan)) is waterproof, do not leave product for long periods of time in areas with water or moisture.
6. These products(UA100 (Scan)) are an operating temperature range of -20°C~+60°C and a storage temperature range of -40°C~+70°C. Extreme temperatures can affect the device's performance and service life.
7. Please use an original rechargeable lithium battery. Low-quality batteries will affect the performance and service life of the device, and may even have the danger of explosion.
8. Although the products(UA100 (Scan)) have been tested to withstand harsh operating environments, do not use the product in an improper manner.
9. Please do not disassemble product. In case of failure, please send to our authorized service centres to proceed with repairs.
10. After the device has reached the end of its service life, please discard in a proper way to avoid environmental pollution.
11. When replacing the battery or during the use of an external power supply, shut down the device completely before removing the battery or disconnecting the external power supply to prevent damage.
12. These products(UA100 (Scan)) may cause radio interference. The user may be required to take necessary preventive measures.

Battery Instructions

1. These products(UA100 (Scan)) use rechargeable lithium battery as a power source. When the power is low, please charge the battery. To maintain battery life, it is recommended to deplete the battery's power before charging.
2. When the battery charger is not in use, please remove it from the power supply. Do not connect the charger to the battery for more than one week. Excessive charging will shorten the battery life.
3. Temperature affects the battery charging limit. Therefore, the battery may need to be cooled or warmed up before charging.
4. Please use the battery for its original intended purpose to prevent short-circuiting the battery. A short circuit will occur when a conductive material connects the battery's positive and negative terminals.
5. Do not use a battery that is damaged.
6. Placing the battery in extremely cold or hot places will lead to shortened battery life. Exposing the battery to extreme temperatures may cause the tablet to malfunction, even if the battery is fully charged.
7. Do not put the battery in a fire. Please discard the battery in a proper manner or take the battery to a battery recycling station. Please dispose waste batteries in accordance with local laws and regulations.

Caution:

For the following equipment:

Product Name: Rugged Android Tablet

Brand Name:

Model No.: UA100 (Scan)

Shanghai Union Science Technology CO., Ltd.

Hereby declares that this [Name: Rugged Android Tablet, Model: UA100 (Scan)] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.


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 RED Article 10 10

	BE	BG	CZ	DK	DE	EE	IE
	EL	ES	FR	HR	IT	CY	LV
	LT	LU	HU	MT	NL	AT	PI
	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

2G	
Frequency Range:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz
	DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
RF Output Power:	GSM900: 34.80dBm, GSM1800: 30.60dBm EDGE900: 28.74dBm, EDGE1800: 26.62dBm
3G	
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: 24.00dBm, WCDMA Band 8: 24.79dBm
4G	
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
	FDD-LTE Band 28: Tx: 703-748MHz, Rx: 758-803MHz
	TDD-LTE Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz
	TDD-LTE CA Band 38: Tx: 2570-2620MHz, Rx: 2570-2620MHz
	TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
	TDD-LTE CA Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
Mixer Output Power:	FDD-LTE Band 1: 22.56dBm, FDD-LTE Band 3: 23.62dBm, FDD-LTE Band 7: 22.92dBm, FDD-LTE Band 8: 23.50dBm, FDD-LTE Band 20: 23.31dBm, FDD-LTE Band 28: 23.22dBm, TDD-LTE Band 38: 22.72dBm, TDD-LTE CA Band 38: 22.46dBm, TDD-LTE Band 40: 24.18dBm, TDD-LTE CA Band 40: 24.58dBm
5G	
	N1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	N3: Tx: 1710-1785MHz, Rx: 1805-1880MHz

Frequency Range:	
	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
Mixer Output Power:	N1: 24.71dBm, N3: 23.17dBm, N20: 22.79dBm N28: 20.88dBm, N41: 26.47dBm, N77: 27.96dBm N78: 27.81dBm
Wi-Fi (5GHz)	
RF Output Power	Antenna 1: Max. 14.57dBm (EIRP) Antenna 2: Max. 14.22dBm (EIRP)
Operation Frequency:	Band 1: 5150-5250MHz, Band 2: 5250-5350MHz, Band 3: 5470-5725MHz,
Wi-Fi (5.8GHz)	
RF Output Power	Antenna 1: Max. 12.92dBm (EIRP) Antenna 2: Max. 12.38dBm (EIRP)
Operation Frequency:	5745-5825MHz
Bluetooth	
Frequency Range:	2402-2480MHz
Mixer Output Power:	1Mbps: 9.65dBm 2Mbps: 9.75dBm
Wi-Fi (2.4GHz)	
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Mixer Output Power:	Antenna 1: 15.96dBm Antenna 2: 16.24dBm
GPS	

Frequency Range:	L1:1575.42MHz Receiving L5:1176.45MHz Receiving
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RF 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 Android Tablet (FCC ID: 2A96I-UA100) 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, use accessories should maintain a separation distance between the user's bodies mentioned above, the use of holsters and similar 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.

For body worn operation, 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 0 mm from the body. Noncompliance with the above restrictions may result in violation of RF exposure guidelines.

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 1: 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's

IC WARNING

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's license-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.

The device is restricted to indoor use only when operating in the 5150 to 5250 MHz frequency range.

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Documents / Resources

<div>UA100</div> <div>User Guide</div> <div></div>	<div>Shanghai UniOne Science Technology UA100 (Scan) Rugged Android Tablet [pdf] User Guide</div> <div>2A96I-UA100, 2A96IUA100, UA100, UA100 Scan, UA100 Scan Rugged Android Tablet, Rugged Android Tablet, Android Tablet, Tablet</div>
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