



C4 TABLET Quick Manual

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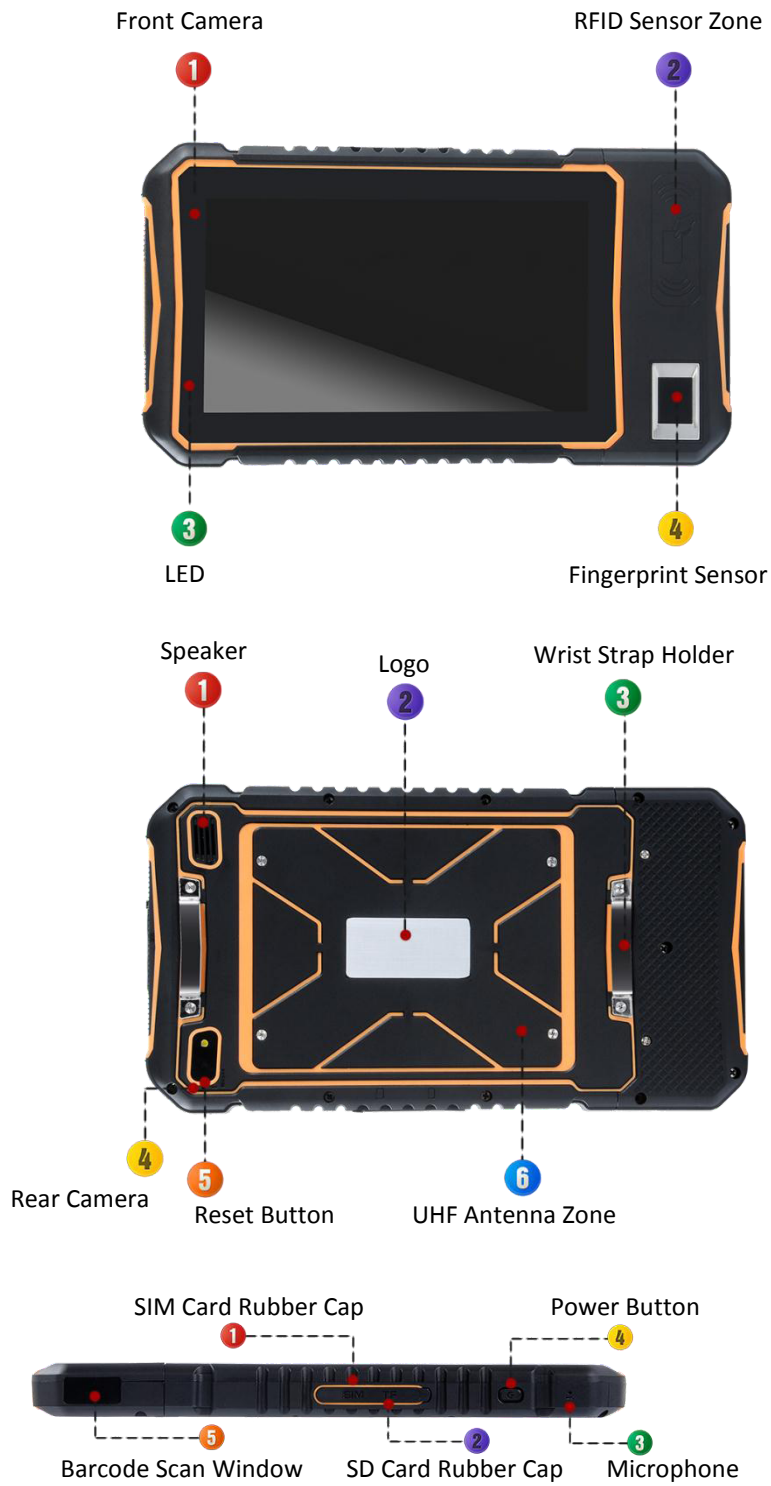
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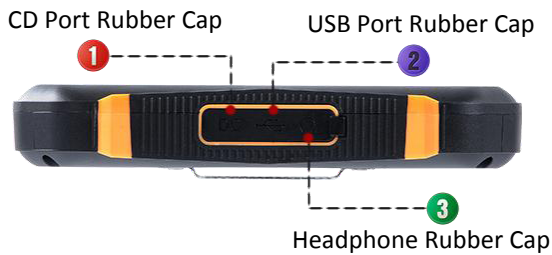
Contents

1	Features and Structure	4
1.1	Overview	4
1.2	SIM Card Installation	5
1.3	SIM Card Uninstallation	5
1.4	SD Card Installation	5
1.5	SD Card Uninstallation	5
1.6	Battery Charging	6
2	Basic Operation	6
2.1	Wake up	6
2.2	Shutdown	6
2.3	Software Installation and Data Transfer with a PC	6
2.4	Uninstall Apps	6
2.5	Add Google Playstore Account	7
2.6	Remove Google Playstore Account	7
2.7	Remove WLAN Access	7
2.8	Useful Resources	7
3	Technical Data	8
4	Troubleshooting	10
4.1	Camera already in use by other app	10

1 Features and Structure

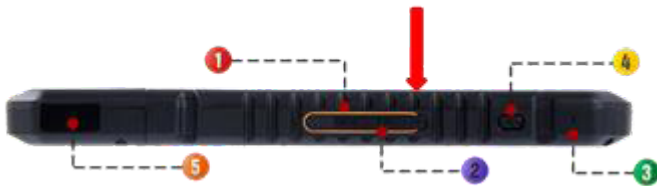
1.1 Overview





1.2 SIM Card Installation

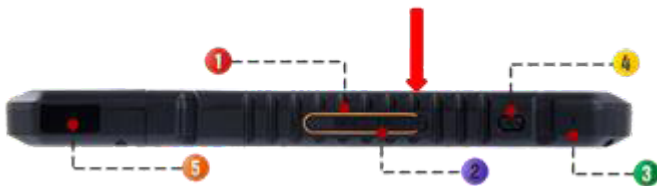
Open the SIM card rubber cap.



Insert the SIM card slightly to the slot from the bevel of the SIM card.
Put the chip side of the SIM card to the rear of the tablet.
Install the SIM card rubber cap properly.

1.3 SIM Card Uninstallation

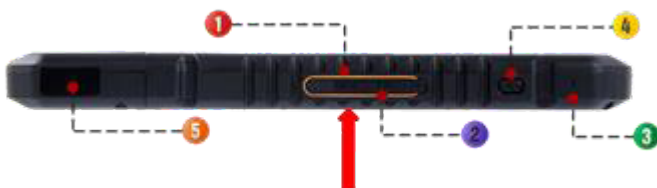
Open the SIM card rubber cap.



Push the edge of the SIM card slightly. It should slide out of the slot.
Remove the SIM card and install the SIM card rubber cap properly.

1.4 SD Card Installation

Open the SD card rubber cap.



Insert the SD card slightly to the slot. The SD card can have up to 32 GB.
Install the SIM card rubber cap properly.

1.5 SD Card Unstallation

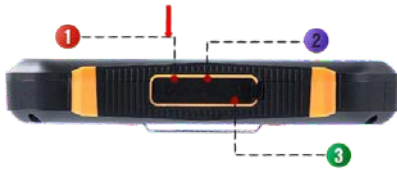
If the device is shutdown or in standby, the card can be removed directly.

During normal operation of the C4 Tablet, the SD card must be unmounted first.

1. Go to "Setting —> Storage" and unmounts the SD card.
2. Now the card can be safely removed.

1.6 Battery Charging

Use either the mains power adapter or the USB charging cable.



Red LED: Charging

Green LED: Battery fully charged

2 Basic Operation

2.1 Wake up

System would enter standby mode automatically after the default 1 minute idle status, or we can press the power button to enter the standby mode forcibly; For tablets in standby mode, please the power button slightly to wake it up;

2.2 Shutdown

Press the power button for seconds and select the option of “Power off” to shutdown the terminal. Please save the data before shutting down the system, otherwise the unsaved data would be lost.

2.3 Software Installation and Data Transfer with a PC

Plug in the USB connection. An information should appear with one of this texts:

- “Connected as a USB Storage”
- “Connected as a media device” (MTP)
- “Connected as a camera” (PTP)
- “USB Charge Only”
- “Connected as an installer” (external USB CD-ROM drive)

You can also try to pull this information from the top of the screen. Double touch on this information; this will open the USB computer connection settings.

Only MTP and PTP provide read/write access from your PC to the C4. The C4 will appear in Windows Explorer as portable device.

- MTP allows access to a number of folders.
- PTP allows access only to the folders “DCIM” and “Pictures”.

Copy software installation file (e.g. “UhfSDKdemo.apk”) in any of these folders (e.g. “Download”).

Open the “File Manager” app, navigate to the folder “Download”. Select the software installation file; this will lead to an installation screen.

2.4 Uninstall Apps

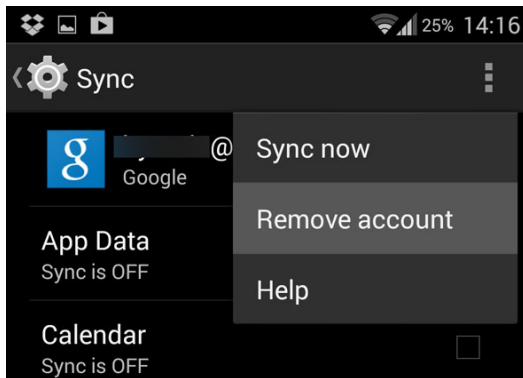
Open “Settings” => go to section “Device” => open “Apps” => select desired app, this will open an information and action screen.

2.5 Add Google Playstore Account

If you open Google Playstore for the first time, you are requested to input the e-mail address and password of your Google Playstore account. Next step is to provide your payment method. Do not ignore this step! Otherwise Google Playstore may crash. Select "Remind me later" if you don't want to set your payment method.

2.6 Remove Google Playstore Account

Open "Settings" => go to section "Personal" => open "Accounts" => open "Google" => click on first entry with E-Mail
Now you should see the settings of your google account sync settings.
Open right top Menu [Remove Account]



2.7 Remove WLAN Access

Open "Settings" => select "Wi-Fi" => click on connected network => select [FORGET] in bottom left corner

2.8 Useful Resources

- androidtipsandhacks.com
- androidcentral.com

3 Technical Data

Physical Characteristics	
Dimension	208 × 130 × 20 ±2 mm (H × W × D)
Weight	Net Weight :500 g (including battery & wrist strap)
Display	7.0 in. TFT-LCD (1024 × 600) touch screen with backlight
Backlight	LED backlight
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7 V, 10000 mAh

Performance Characteristics	
CPU	Coretex A7 1.3 GHz quad-core
Operating System	Android 4.4.2
Storage	1 GB RAM, 16 GB ROM, MicroSD (max 32 GB expansion)

Environmental Conditions	
Operating Temperature	-20 to +50 °C
Storage Temperature	-20 to +70 °C
Humidity	5 to 95 % relative humidity (non-condensing)
Drop Specifications	5 ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15 kV air discharge, ±8 kV direct discharge, ±8 kV indirect discharge

Development Environment	
SDK	HHW Software Development Kit
Language	Java
Environment	Android Studio or Eclipse

Data Communication	
WWAN	WCDMA(850/1900/2100MHz); GSM/GPRS/Edge 850/900/1800/1900MHz);
WLAN	IEEE 802.11 b/g/n
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m

Accessories	
Standard	1 × Power Supply 1 × Lithium Polymer Battery 1 × DC charging cable 1 × USB data cable
Optional	Magnetic charging cable

Data Capturer**Barcode Reader (Optional)**

1D Barcode	1D laser engine	Symbol SE955
	Symbologies	All major 1D barcodes
2D Barcode	2D CMOS Imager	Honeywell N6603
	Symbologies	PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.

Color Camera

Resolution	Rear: 5.0 megapixel Front: 2.0 megapixel
Lens	Auto-focus with LED flash

RFID Reader (Optional)

LF RFID	Frequency	125/134.2 kHz (FDX-B/HDX)
	Protocol	ISO 11784 & 11785
	R/W Range	2 to 10 cm
HF RFID	Frequency	13.56 MHz
	Protocol	ISO 14443A & 15693
	R/W Range	2 to 8 cm
UHF RFID	Frequency	865~868 MHz or 920~925 MHz
	Protocol	EPC C1 GEN2/ISO 18000-6C
	Antenna Gain	Circular antenna (2 dBi)
	R/W Range	Version 1: 2 to 2.5 m (tags and environment dependent) Version 2: 3 to 5 m (tags and environment dependent)

PSAM Security (Optional)

Protocol	ISO 7816
Baudrate	9600, 19200, 38400, 43000, 56000, 57600, 115200
Slot	2 slots(maximum)

4 Troubleshooting

4.1 Camera already in use by other app

This happens because 2D and camera share the same physical hardware connection, so they cannot be open at the same time. You need to close one hardware module before opening the other one. This limitation exists in all the 2D devices including devices from the other manufacturers.