

ATX-800 V9

User guide



Table of content

| | | |
|-------|---------------------------------------|----|
| 1 | Product introduction | 3 |
| 1.1 | Introduction | 3 |
| 1.2 | Precaution before using battery | 4 |
| 1.3 | Charger..... | 4 |
| 1.4 | Notes | 5 |
| 2 | Installation instructions..... | 6 |
| 2.1 | Appearance | 6 |
| 2.2 | Install Micro SD and SIM cards..... | 8 |
| 2.3 | Battery charge | 8 |
| 3 | Call function..... | 9 |
| 3.1 | Calling numbers..... | 9 |
| 3.2 | Contacts | 9 |
| 3.3 | SMS and MMS..... | 9 |
| 4 | Barcode reader-writer | 10 |
| 5 | RFID reader | 12 |
| 5.1 | NFC reader..... | 12 |
| 5.2 | UHF Scan function..... | 13 |
| 5.3 | UHF configuration..... | 14 |
| 5.4 | UHF Tag Reading and Writing..... | 15 |
| 5.5 | UHF Tag Lock and Kill..... | 16 |
| 5.5.1 | Lock Function | 16 |
| 5.5.2 | Kill Function | 16 |
| 6 | Other functions | 17 |
| 6.1 | PING tool..... | 17 |
| 6.2 | Bluetooth | 18 |
| 6.3 | GPS..... | 19 |
| 6.4 | Volume setup..... | 20 |
| 6.5 | Screenshot | 20 |
| 6.6 | Network | 21 |

1 Product introduction

1.1 Introduction

The ATX-800 V9 is an Android 9.0 rugged tablet. With its powerful Qualcomm CPU, 8 inch high-definition screen, 8000 mAh battery and comprehensive data capture options like UHF RFID, barcode scanning, HF RFID/NFC, Iris and fingerprint recognition, etc., you can find this easy-to-deploy device a valuable helper to increase productivity.

1.2 Precaution before using battery

- Do not leave battery unused for long time, no matter it is in device or inventory. If battery has been used for 6 months already, it should be check for charging function or it should be disposed correctly.
- The lifespan of Li-ion battery is around 2 to 3 years, it can be circularly charged for 300 to 500 times. (One full battery charge period means completely charged and completely discharged.)
- When Li-ion battery is not in used, it will continue discharge slowly. Therefore, battery charging status should be checked frequently and take reference of the related battery charging information on the manuals.
- Observe and record the information of a new unused and nonfully charged battery. On the basis of operating time of new battery and compare with a battery that has been used for long time. According to product configuration and application program, the operating time of battery would be different.
- Check battery charging status at regular intervals.
- When battery operating time drops below about 80%, charging time will be increased remarkably.
- If a battery is stored or otherwise unused for an extended period, be sure to follow the storage instructions in this document. If you do not follow the instructions, and the battery has no charge remaining when you check it, consider it to be damaged. Do not attempt to recharge it or to use it. Request an RMA on our website for a replacement with a new one: <https://www.axemtec.com/en/customer-area/rma/rma-repair/>
- Store the battery at temperatures between 5 °C and 20 °C (41 °F and 68 °F).

1.3 Charger

The charger type is GME10D-050200FGu, output voltage/current is 5V DC/2A. The AC adapter (AC to USB-A) and the cable (USB-A to USB-C) are independent parts

1.4 Notes

Note 1:

Using the incorrect type battery has danger of explosion.

Note 2:

Due to the used enclosure material, the product shall only be connected to a USB Interface of version 2.0 or higher. The connection to so called power USB is prohibited.

Note 3:

The adapter shall be installed near the equipment and shall be easily accessible.

Note 4:

The suitable temperature for the product and accessories is 010°C to 50°C.

Note 5:

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

2 Installation instructions

2.1 Appearance



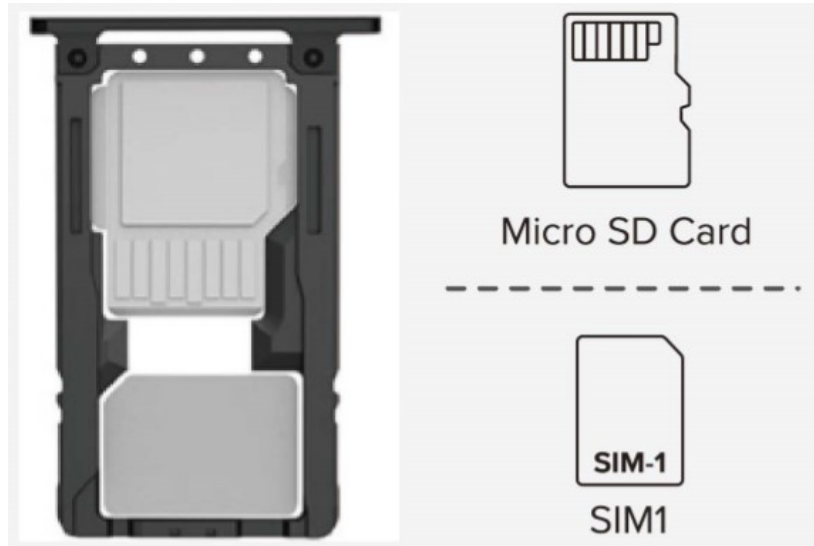


Function Guide

| | |
|---|------------------|
| 1 | NFC |
| 2 | Power button |
| 3 | SCAN button |
| 4 | Volume Setup |
| 5 | Fingerprint |
| 6 | SIM/TF Card Slot |
| 7 | Type-C Port |

2.2 Install Micro SD and SIM cards

The cards sockets are showing as follows:






2.3 Battery charge



By using USB Type-C contact, the original adaptor should be used for charging the device. Make sure not to use other adaptors to charge the device.

3 Call function





3.1 Calling numbers

1. Click icon .
2. Click number key to input phone numbers.
3. Click icon  to call.
4. Click icon  to end call.

3.2 Contacts

1. Click contacts to open contacts list.
2. Click icon  to add new contacts.
3. Click icon  to import/export contacts.

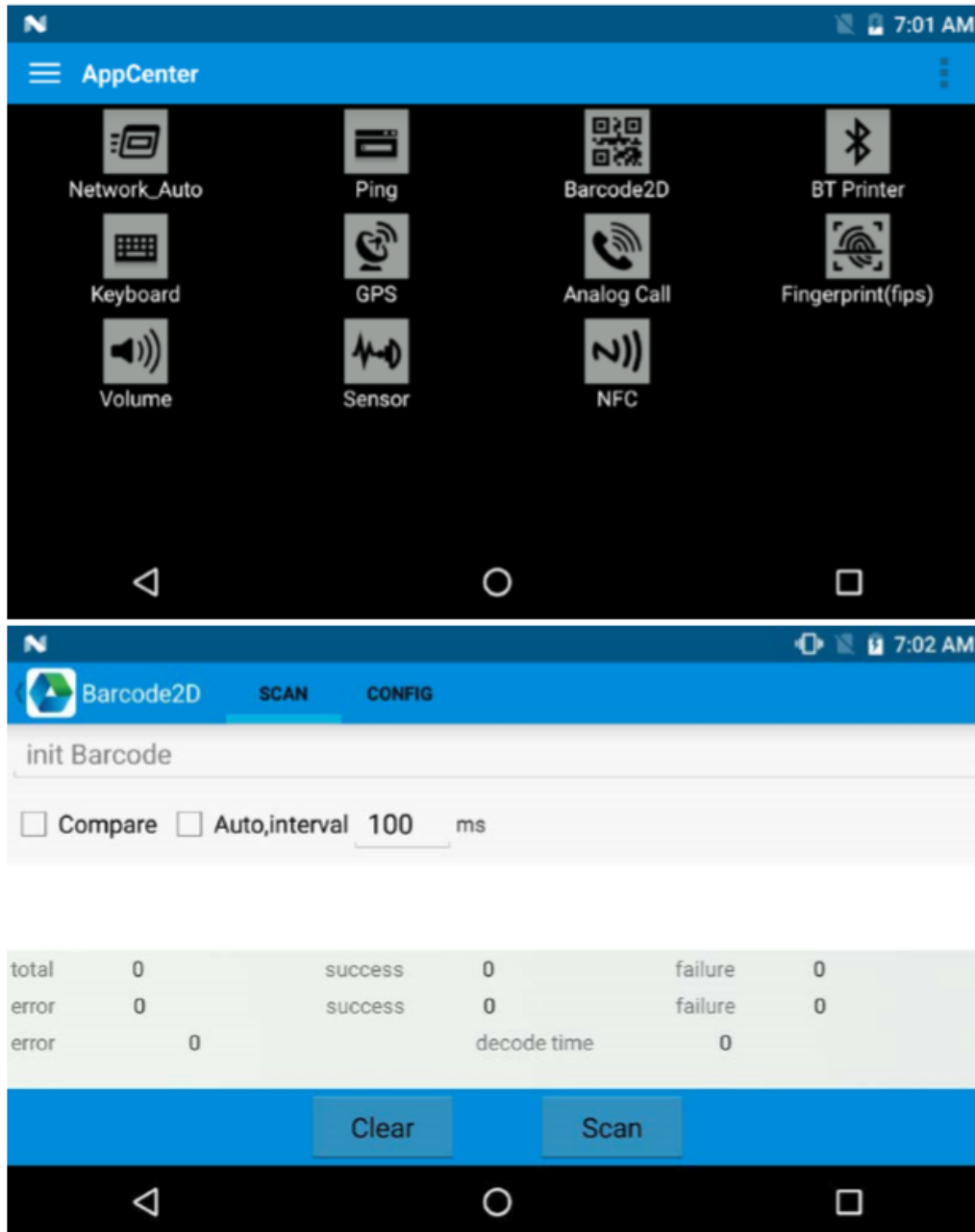
3.3 SMS and MMS

1. Click  to open message window.
2. Click  to input message receiver and contents.
3. Click  to send out messages.
4. Click  to add attachment pictures and videos.

4 Barcode reader-writer

In App Center, to open 2D barcode scan test.

2. Press “SCAN” button or click scan key to start scanning, the parameter “Auto interval” can be adjusted.



Caution: Please scan codes in correct way otherwise the scanning will be failed.

1D barcode:



2D barcode:



Max. radiant power: 0.6mW

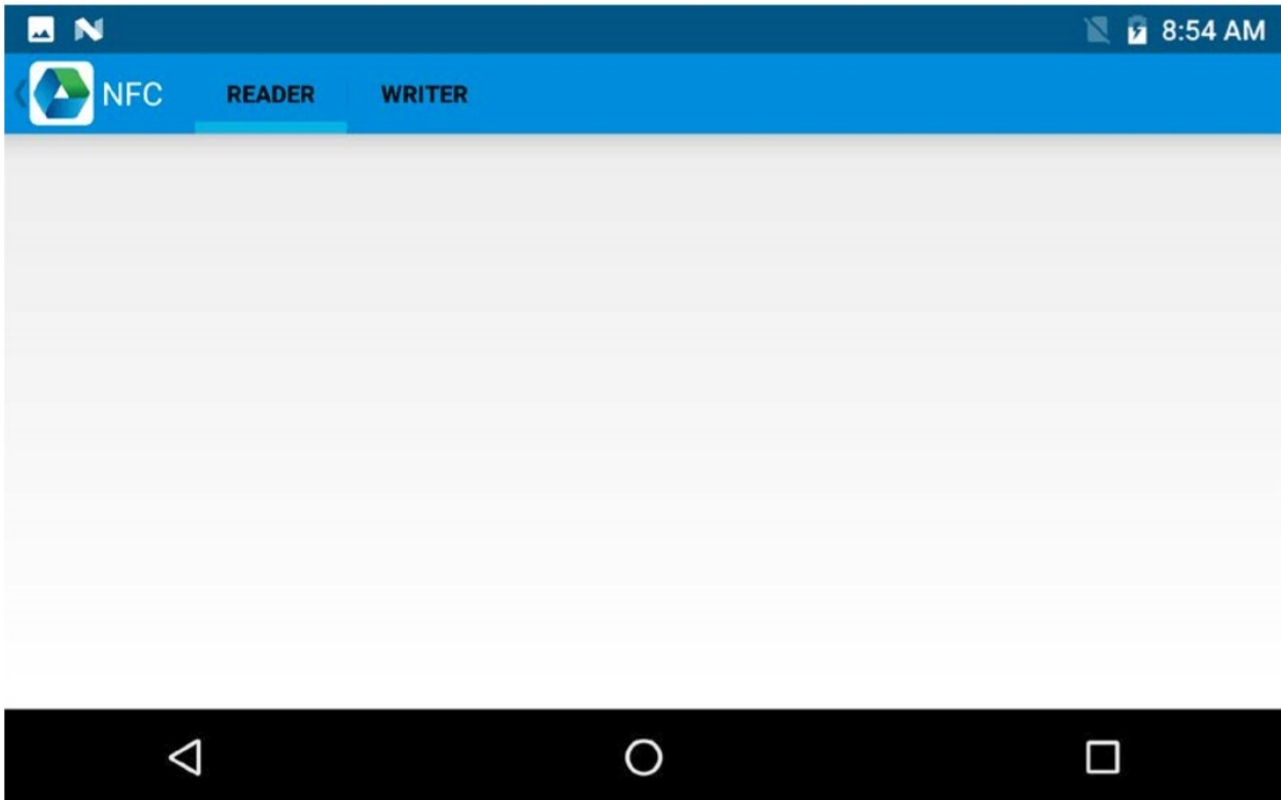
Wave length: 655nm

IEC 60825-1 (Ed.2.0). 21CFR 1040.10 and 1040.11 standard.

5 RFID reader

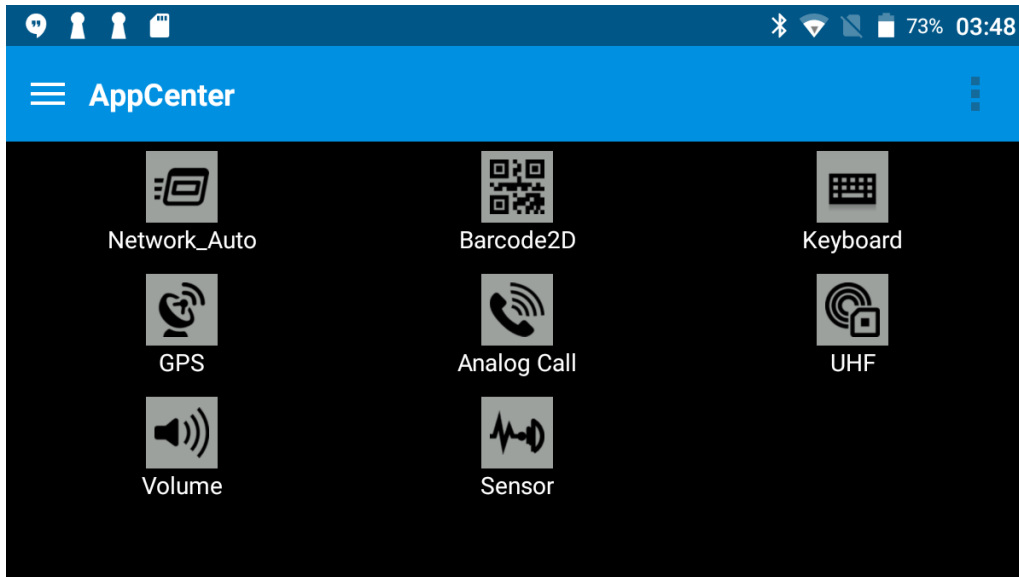
5.1 NFC reader

Click App Center, open "NFC" to read and write tag information. You can also read NFC tags directly on your device, without having opened the application. When the tag is detected, the application opens automatically.

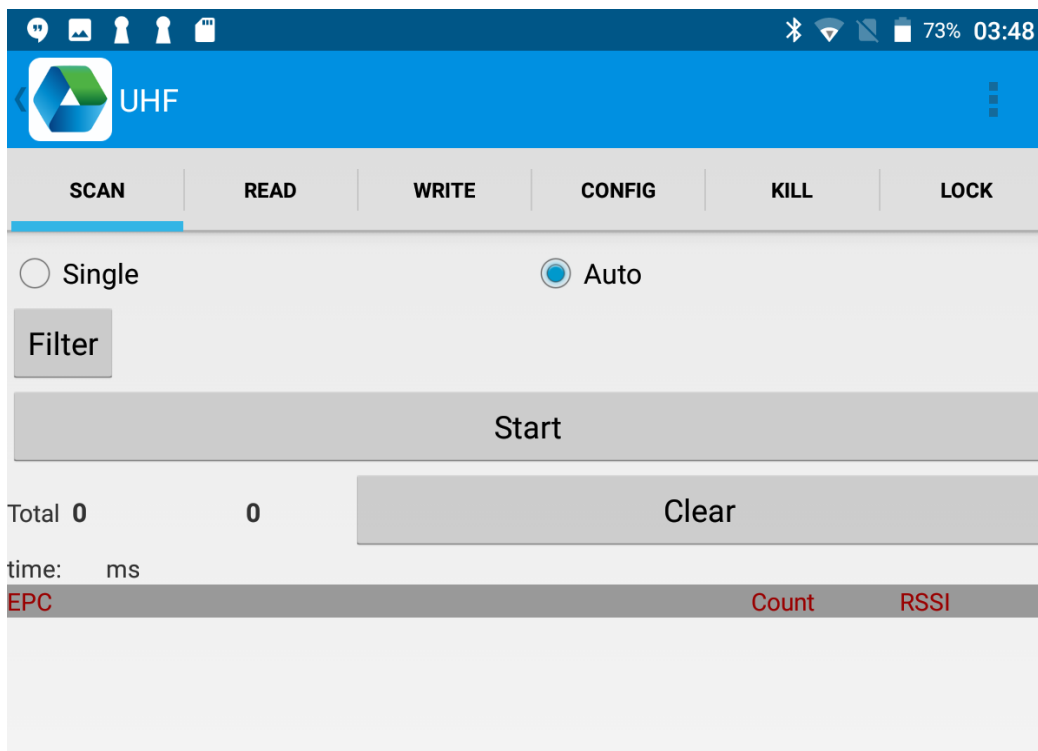


5.2 UHF Scan function

1. Open App Center, open "UHF".



2. Select SINGLE or AUTO and click START, the UHF tags could be read.
3. Click STOP in demo to stop reading of UHF tags.
4. Click CLEAR to clean all EPC information read since the application has been opened.



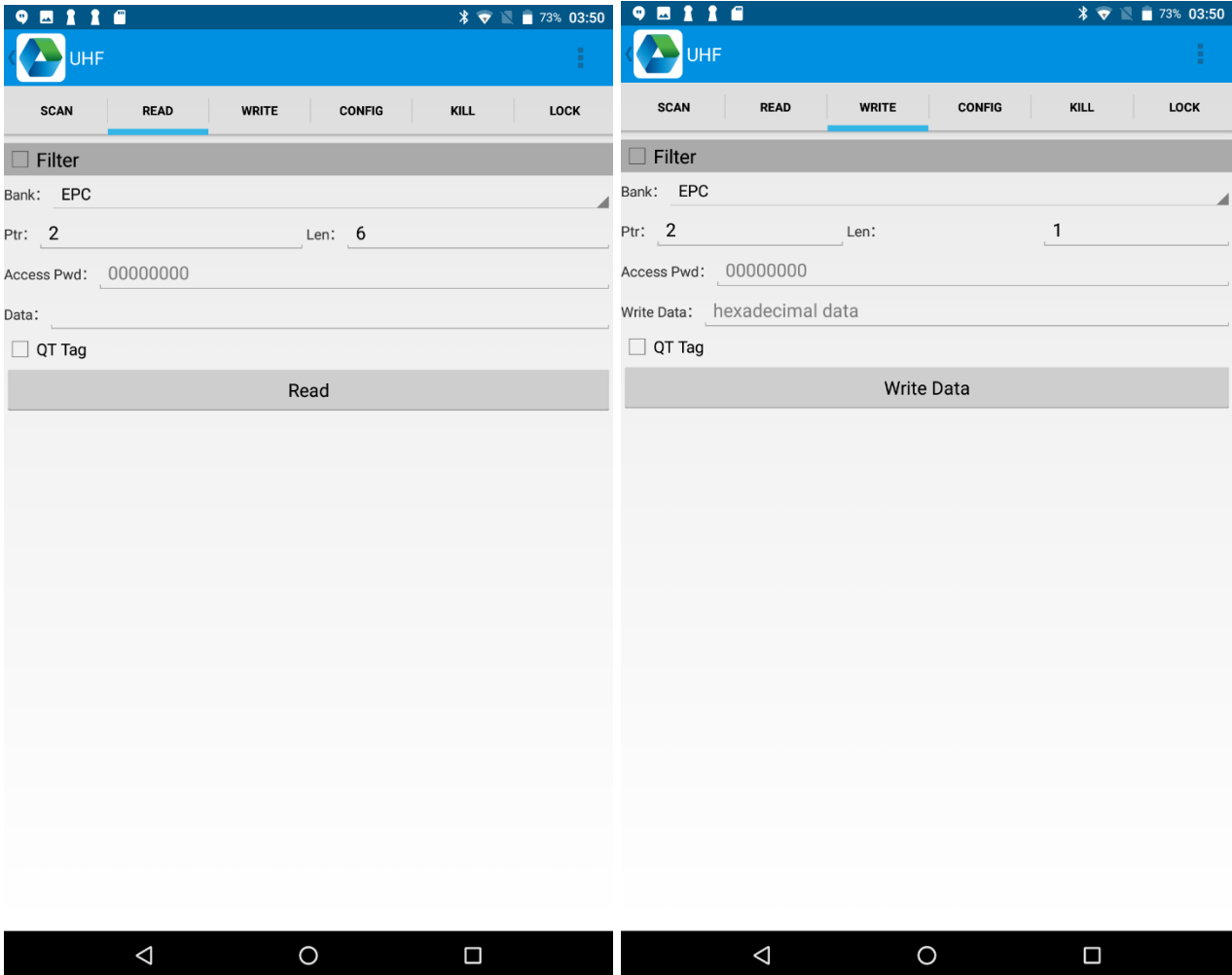
5.3 UHF configuration

Click CONFIG in demo to adjust working mode and output power.



5.4 UHF Tag Reading and Writing

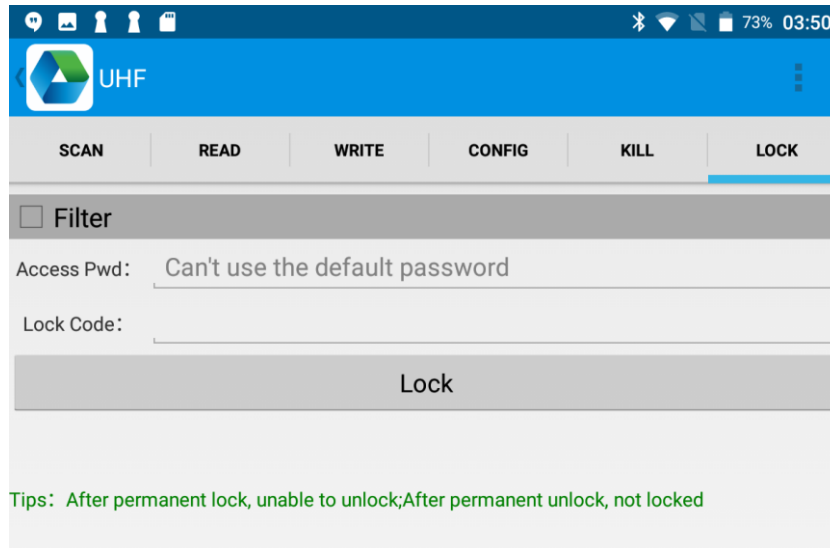
The memory of one tag has 4 zones: RESERVED, EPC, TID and USER. Normally, the default password is 00000000. And TID zone can only be read, other zones can be read and written.



5.5 UHF Tag Lock and Kill

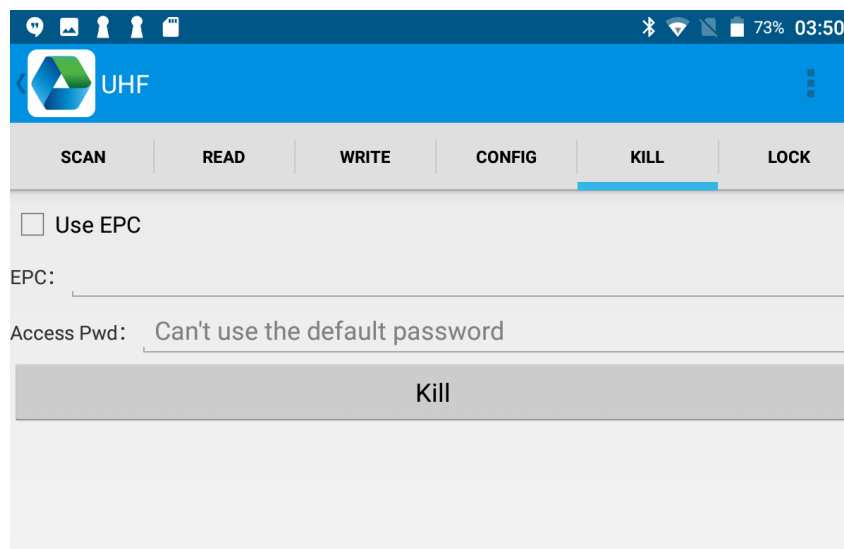
5.5.1 Lock Function

For example. User could try to lock down EPC zone.



5.5.2 Kill Function

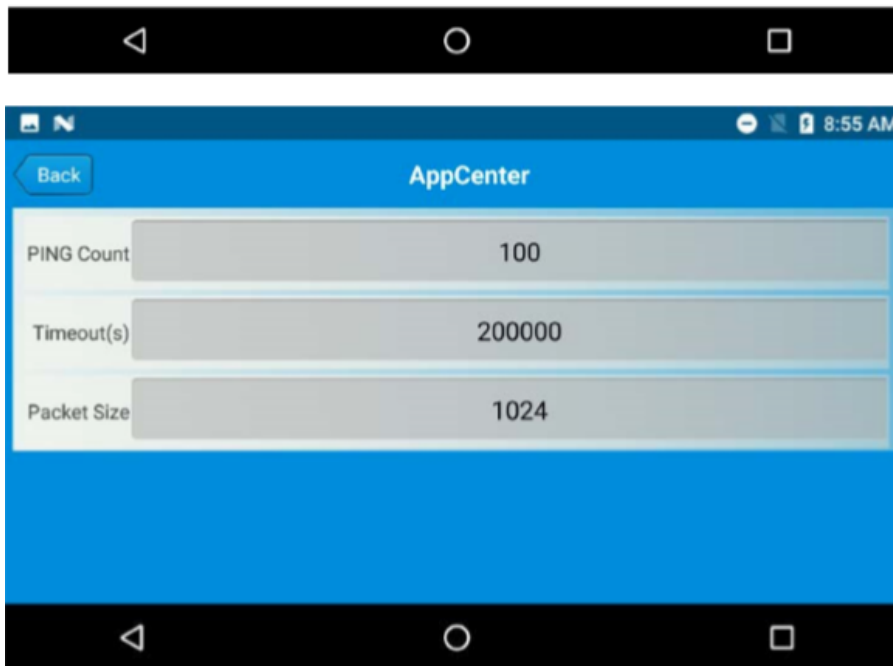
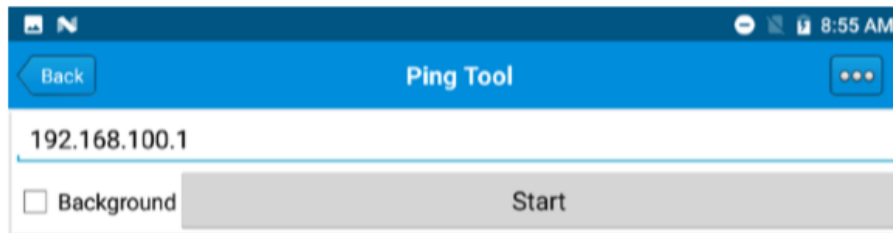
Kill function can be used to kill the tag permanently. Input the correct access password and click kill.



6 Other functions

6.1 PING tool

1. Open “PING” in App Center.
2. Setup PING parameter and select external/internal address.



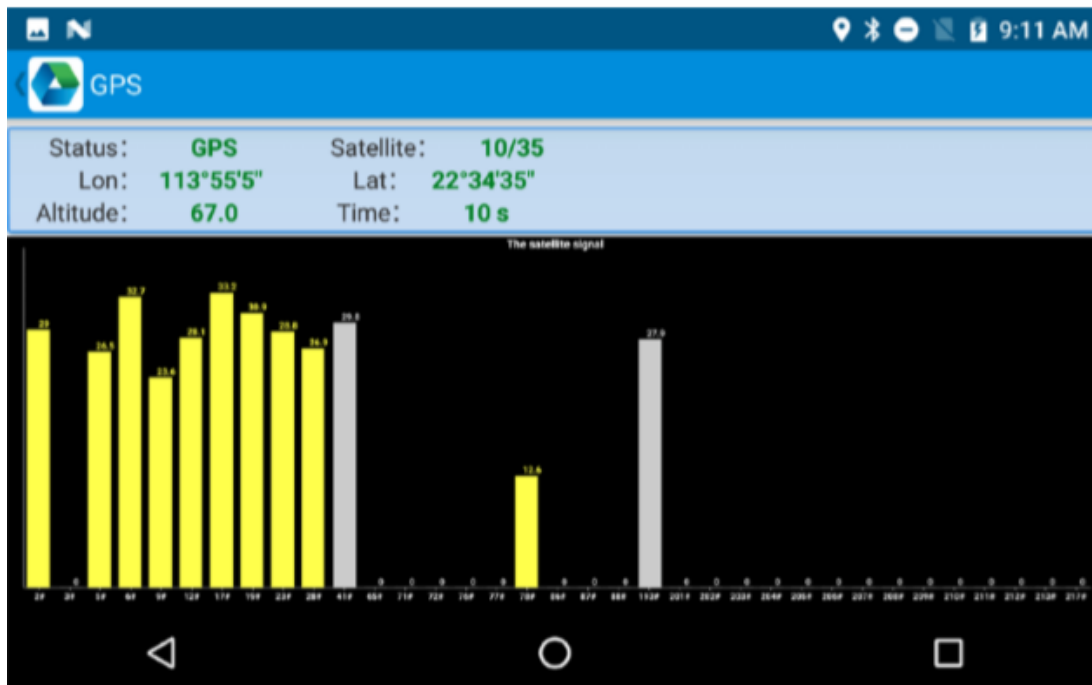
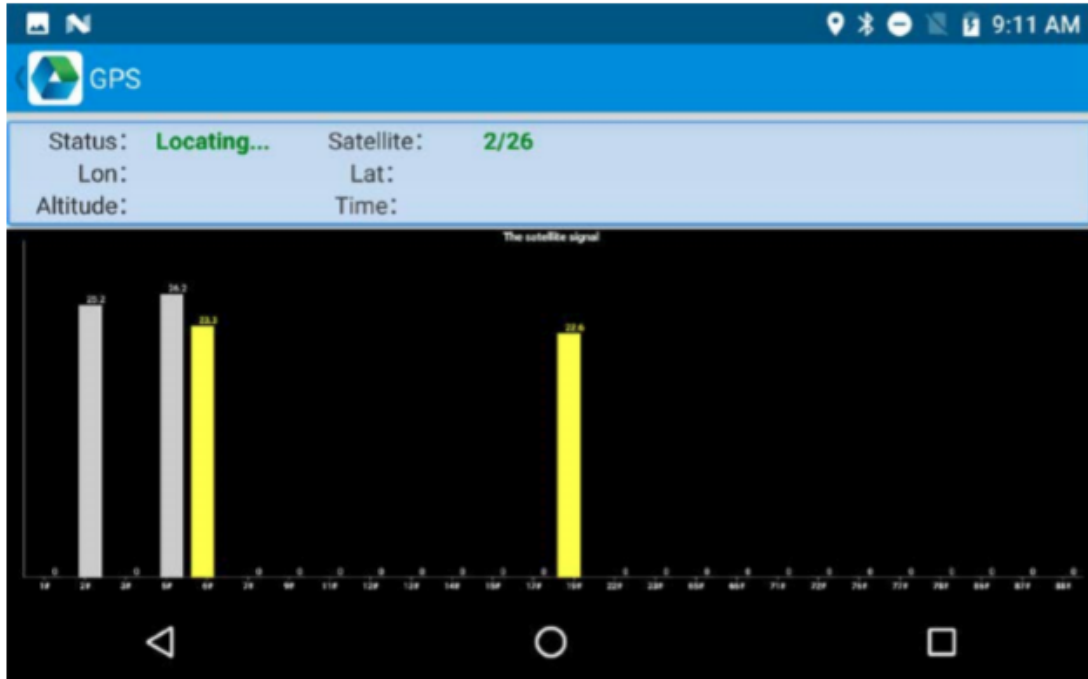
6.2 Bluetooth

1. Open “BT Printer” in App Center.
2. In the list of detected devices, click the device that you want to pair.
3. Select printer and click “Print” to start printing contents.



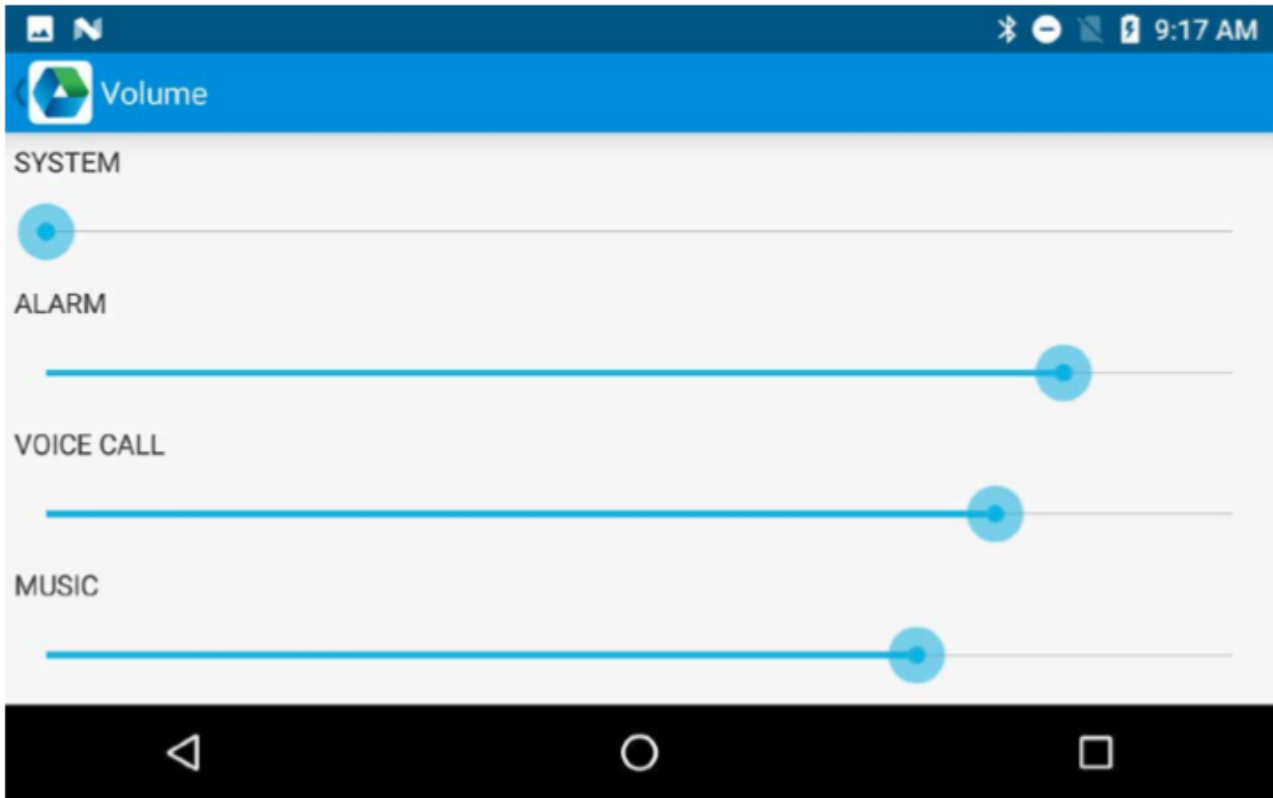
6.3 GPS

1. Click “GPS” in App Center to open GPS test.
2. Setup GPS parameters to access GPS information.



6.4 Volume setup

1. Click “Volume” in App Center.
2. Setup volume by requirements.



6.5 Screenshot

To capture screenshot, press and hold power button and Volume – at same time.

6.6 Network

1. Click "Network" in App Center.
2. Click "Start" to check the IP address and PING information.

