

# **User Manual**

VIU-Desktop

Model: VIU-818-NG

Smartmatic International Corp.

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# Read me first

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This device provides mobile communication and media services using **SMARTMATIC**'s latest standards and technological expertise. This user manual and the information available contain details about the device's functions and features.

- Please read this manual before using the device to ensure safe and proper use.
- Descriptions are based on the device's default settings.
- Some content may differ from your device depending on the region, service provider, or device's software.
- **SMARTMATIC** is not liable for performance issues caused by apps supplied by providers other than **SMARTMATIC**.
- **SMARTMATIC** is not liable for performance issues or incompatibilities caused by edited registry settings or modified operating system software. Attempting to customise the operating system may cause the device or apps to work improperly.
- Software, sound sources, wallpapers, images, and other media provided with this device are licensed for limited use. Extracting and using these materials for commercial or other purposes is an infringement of copyright laws. Users are entirely responsible for illegal use of media.
- You may incur additional charges for data services, such as messaging, uploading and downloading, auto-syncing, or using location services. To avoid additional charges, select an appropriate data tariff plan. For details, contact your service provider.
- Modifying the device's operating system or installing software from unofficial sources may result in device malfunctions and data corruption or loss. These actions are violations of your **SMARTMATIC** licence agreement and will void your warranty.

## FCC Statement

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.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

### RF Exposure Information

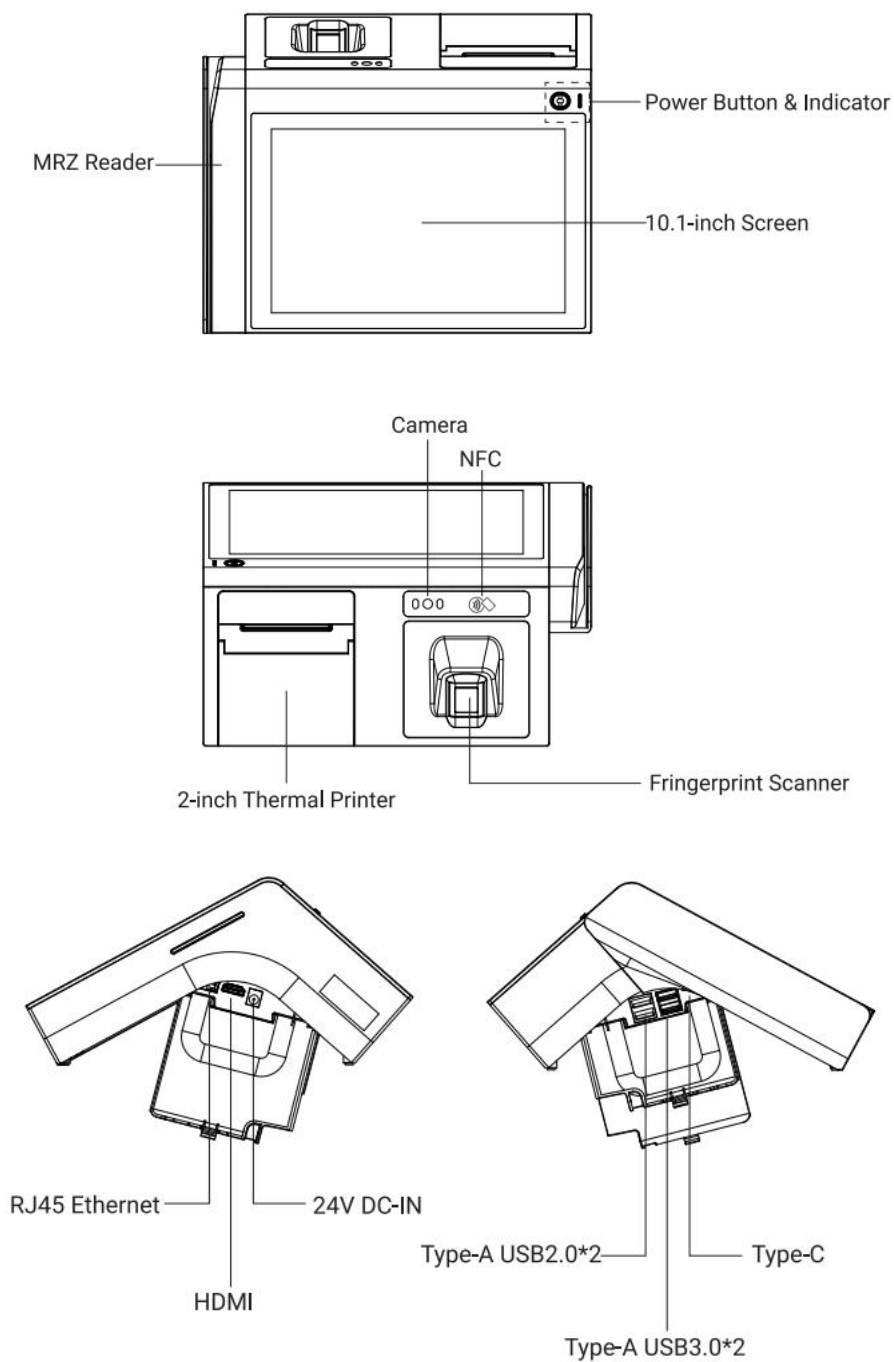
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

# Getting started

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## Device layout

The following illustration outlines your device's primary external features.



## Buttons

| Button    | Function                                                                                                                                                                                                 |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Key | <ul style="list-style-type: none"><li>Press and hold to turn the device on or off.</li><li>Press to lock or unlock the device. The device goes into lock mode when the touch screen turns off.</li></ul> |
| Home      | <ul style="list-style-type: none"><li>Tap to return to the Home screen.</li></ul>                                                                                                                        |
| Back      | <ul style="list-style-type: none"><li>Tap to return to the previous screen.</li></ul>                                                                                                                    |

## Package contents

Check the product box for the following items:

- VIU-818-NG Device
- User Manual
- Power Adapter
- Power Cable
- Thermal Paper



- The items supplied with the device and any available accessories may vary depending on the region or service provider.
- The supplied items are designed only for this device and may not be compatible with other devices.
- Appearances and specifications are subject to change without prior notice.
- You can purchase additional accessories from your local retailer. Make sure they are compatible with the device before purchase.
- Availability of all accessories is subject to change depending entirely on manufacturing companies. For more information about available accessories, please contact us.

## Power on your device

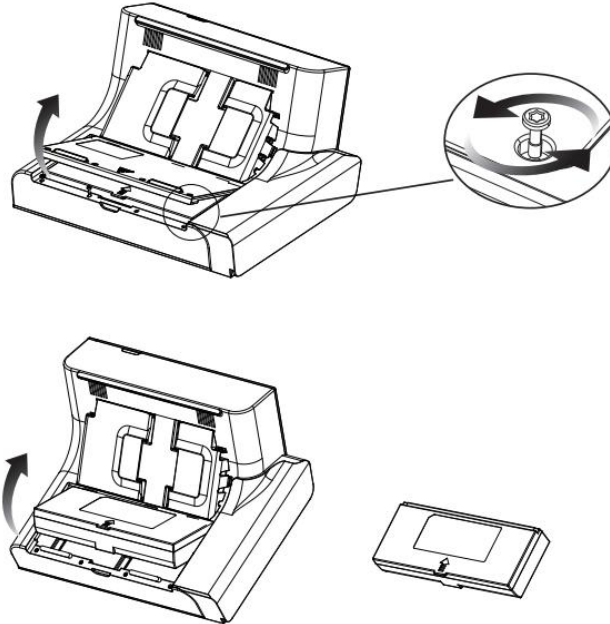
- To turn your device on, hold down the Power key until the device powers on. It will take a few seconds before the screen lights up.
- Unlock your device with a swipe, PIN, password or pattern before the Home screen can display if you've set a screen lock in Settings.

## Power off your device

To turn your device off, hold down the Power key until the Device options appear, then select Power off.

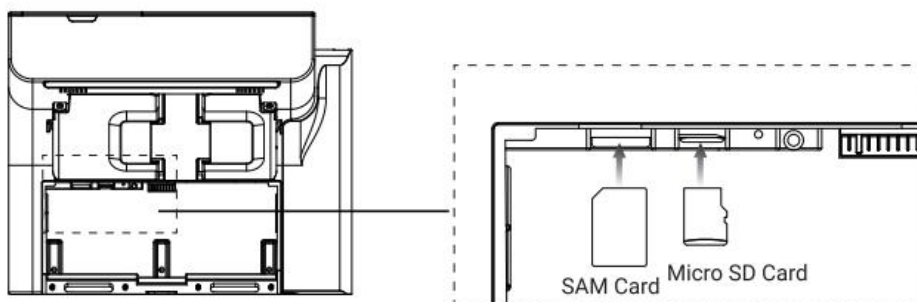
## SAM Card & Micro SD Card Installation

1. Screw the 4 captive screws on the battery cover to the open position, then remove the battery cover and take out the battery.



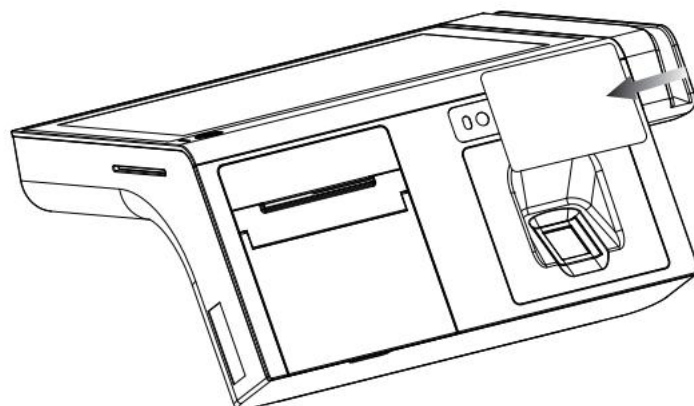
- Be careful not to damage your fingernails when you remove the back cover.
- Do not bend or twist the back cover excessively. Doing so may damage the cover.

2. Push the SAM card or Micro SD card into the socket correctly. Be sure that the SAM card or Micro SD card is in the right direction.



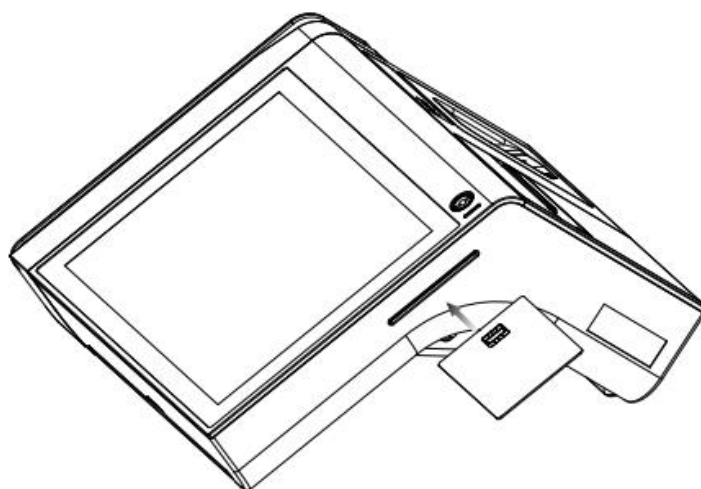
## NFC Card Reading

1. Put the NFC card over the designated area and hold.



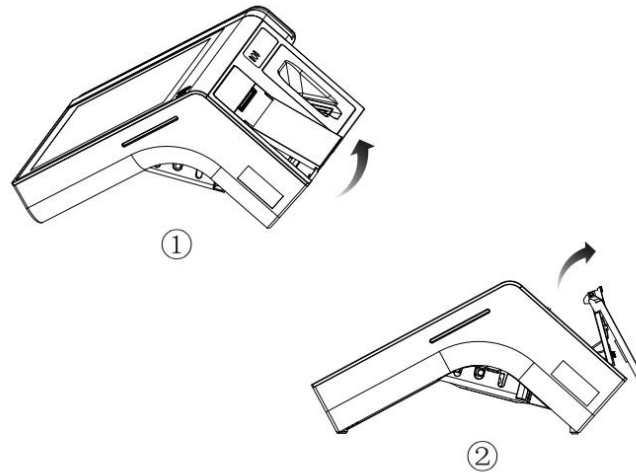
## Smart Card Reading

1. Insert the smart card to the slot, the chip of the smart card should face up.

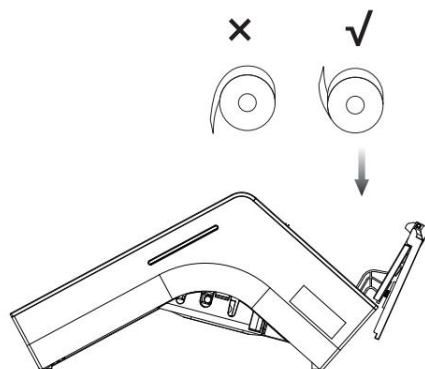


## Paper Roll Installation

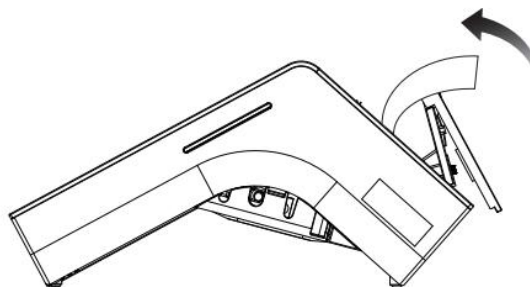
1. Place your hand on the printer cover, open it towards the directionas shown on Figure ①②.



2. Feed the paper roll correctly into the paper container in the directionas shown, and pull some paper outside the cutter.



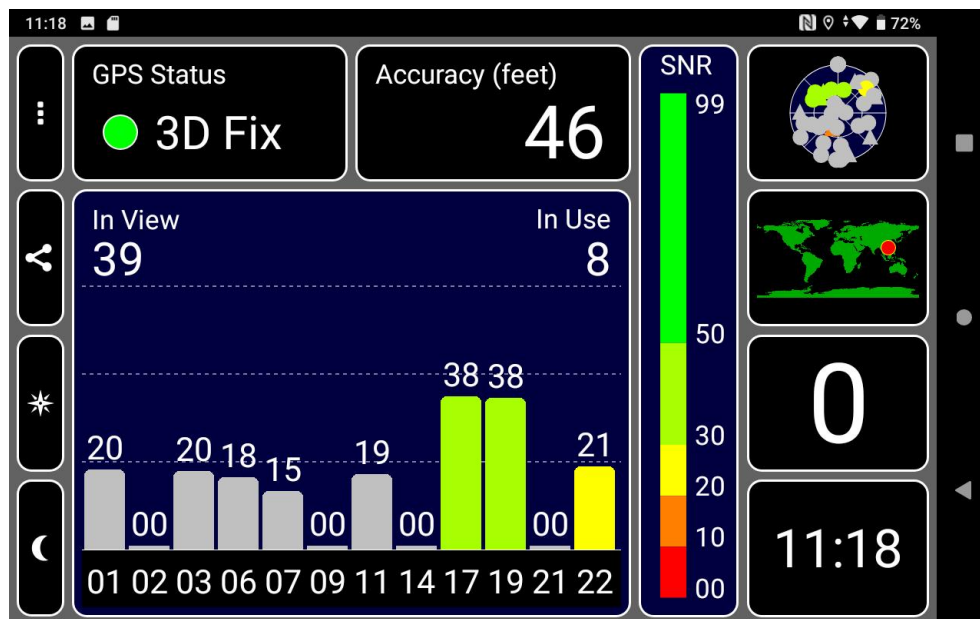
3. Close the cover of the paper container to finish printing paper feeding.



# Function Test

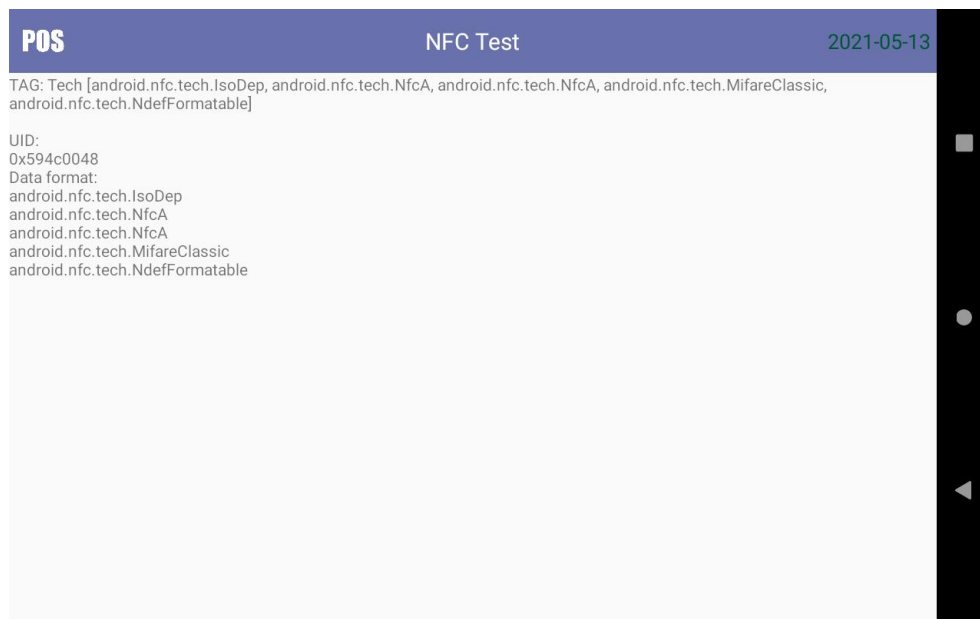
## GPS Test

- Go to the window or an open area.
- Touch Settings > Location.
- Touch the ON switch next to Location to turn the option On.
- Open GPS Test APP.
- Setup GPS parameters to access GPS information.



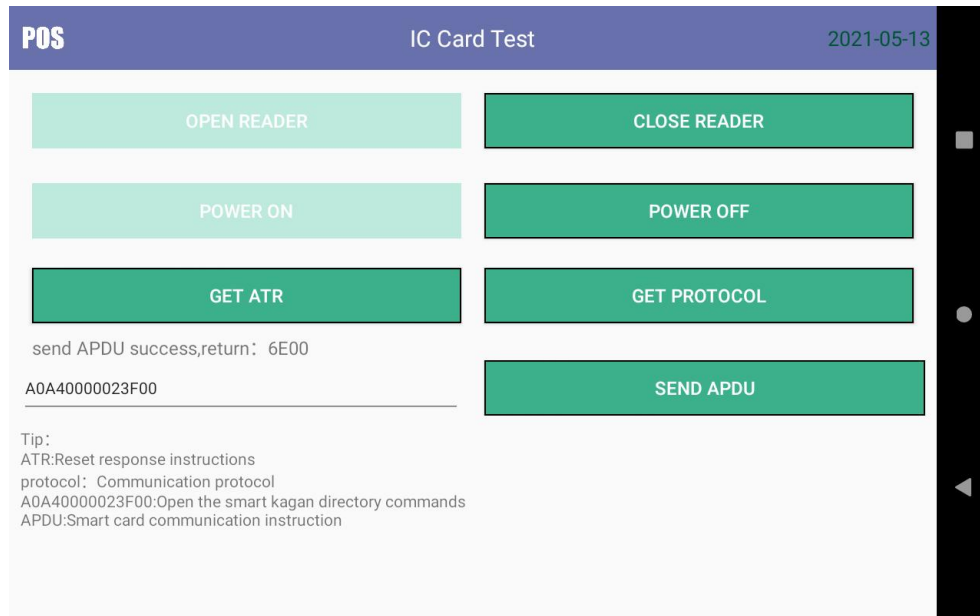
## NFC Test

- Touch Settings > Connected devices > Connection preferences > NFC.
- Touch the NFC switch to turn it on.
- Put the NFC tag over the device.
- Click “NFC TEST” in DemoSDK to start test.



## IC Card Test

- Insert the smart card to the slot, chip should be face up.
- Click “IC CARD TEST” in DemoSDK to start test.



## PSAM Test

- Push the PSAM card into the socket correctly. The chip of the PSAM card should face down.
- Click “PSAM TEST” in DemoSDK to start test.

POS

PSAM Test

2021-05-13

|             |              |
|-------------|--------------|
| PSAM1       | PSAM2        |
| OPEN READER | CLOSE READER |
| POWER ON    | POWER OFF    |
| GET ATR     | GET PROTOCOL |
| SEND APDU   |              |

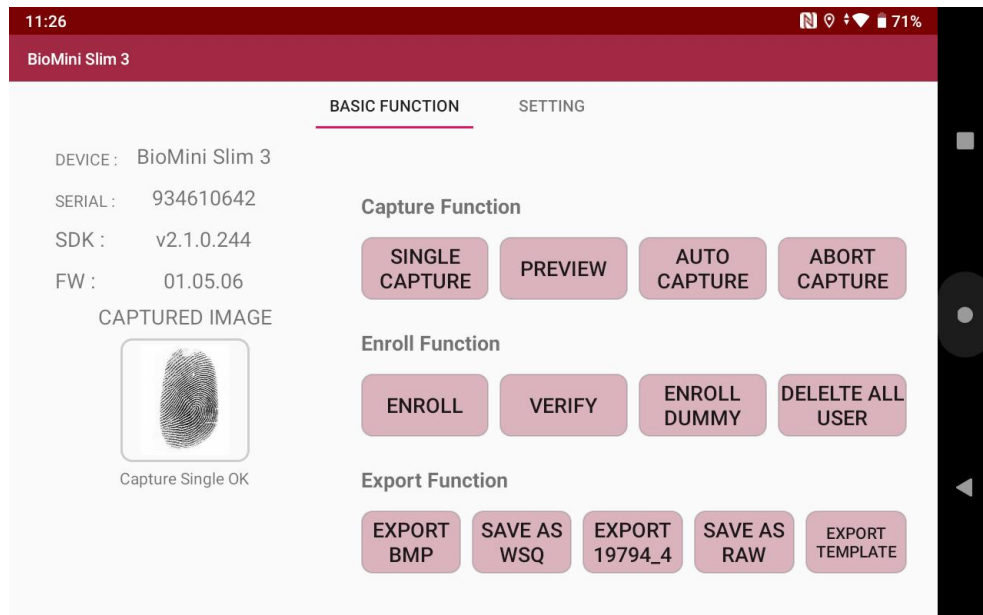
send APDU success,return: 9F17

A0A40000023F00

Tip:  
ATR:Reset response instructions  
protocol: Communication protocol  
A0A40000023F00:Open the smart kagan directory commands  
APDU:Smart card communication instruction

## Fingerprint Test

- Run the BioMini Sample APP.
- Click “SINGLE CAPTURE” to start test.
- Place your finger on the fingerprint area of the device and hold. Be sure your finger is in right direction.



# Copyright Information

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