

User manual

Model: VIU-800

Brand:  SMARTMATIC

This manual's main purpose is to introduce the correct way of using the Voter Identification Unit / Electronic Voting Machine (hereinafter referred to as "the device"). Please read the manual carefully to ensure safe and satisfactory operation, and keep the manual for future reference.

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## 1. Warm Tips

- (1) The manual is subjected to change without prior notice.
- (2) The manual is a general guide for the product. Functions might be increased or reduced due to customized needs. Please contact local distributors for details.

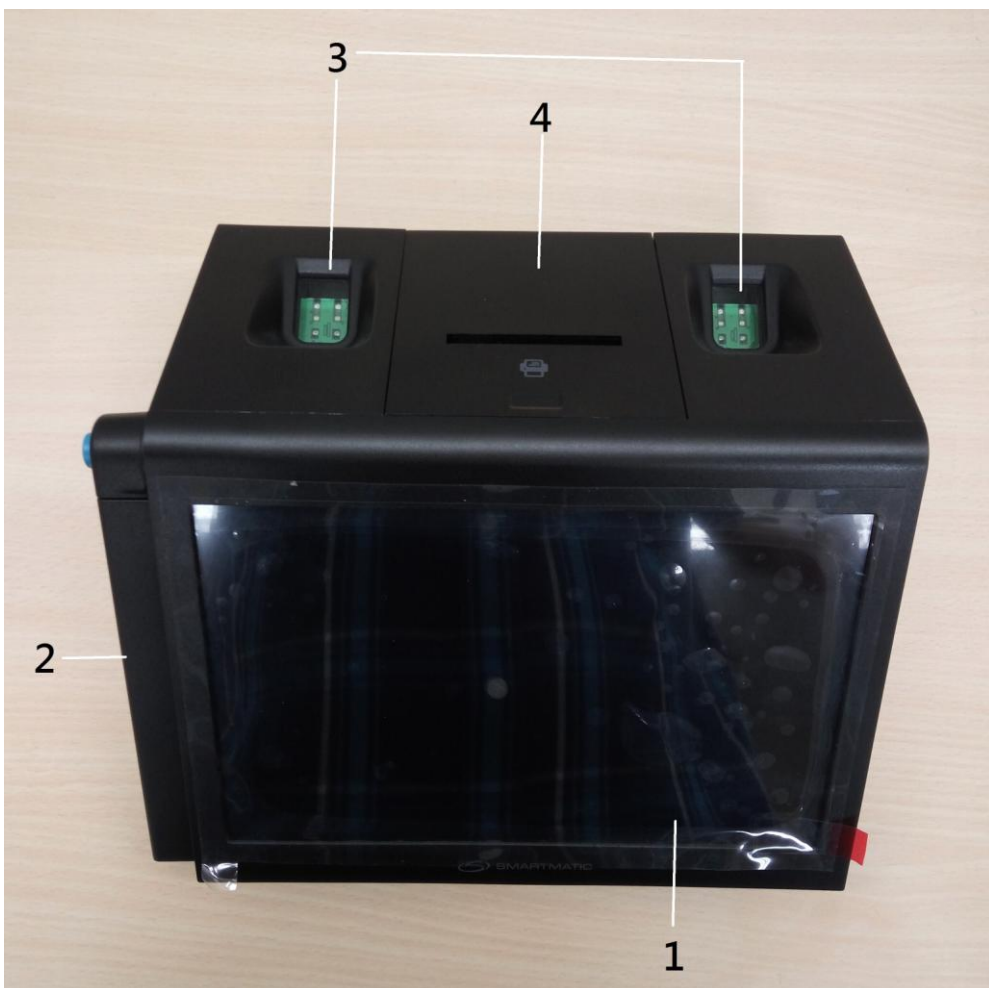
## 2. Warning

- Unauthorized disassembly is forbidden, or else at your own risk.
- Do not charge with standard higher than original battery and charger.
- Do not dispose of the product in a fire or heat as the product may cause crack and injury.

## 3. Product Introduction

### (1) Product Photos

- a). Top view of the product



b). Left side view of the product



c). Right side view of the product



## (2) Components

NO.	Item	Function
1	LCM	Displaying.
2	Camera Holder for Camera and Flash	Holding camera and flash, only available in model 820.
3	Fingerprint Reader	Capture fingerprint.
4	Thermal Printer	Printing.
5	USB2.0 Port	USB data port.
6	USB2.0 Port	USB data port.
7	DC in Jack Port	For connector AC adaptor for charging.
8	Smartcard Reader	Reading smartcard Support from VIU815 and over
9	Battery indicator button	Indicating the battery power status.
10	Power Button	On/Off.

## 4. The Quick Start Guide

### (1) Charging operation

Plug in AC adaptor into DC-in jack port for charging.

### (2) On/off operation

When the device is power-off, long press the power button for 5 seconds until the power button lights up, the device powers on and the screen shows.

When the device is power-on, long press the power button for 5 seconds until the screen shows power-off message then you can switch off.

## 5. The Index

Hardware Parameters		
Items		Detailed description
CPU		1 Intel Atom Z8300
Display		10.1" Display , 1280×720 pixels
Touch Screen		Capacitive Touch Screen
RAM		1G RAM
Data RAM	Onboard	8G ROM
	Expandable	Not Support
Camera		--
Audio	Decoder	Support 2.1 sound output
	Built-in Mic	--
	Receiver	--
	Speaker	Stereo Speaker
Interface	Headphone	--
	Micro USB	--
	TF Card slot	--
	RJ45	Only support in VIU model 815
	USB	USB2.0 x 3
	UART port	--
Button		Power Switch/Battery power status
G-Sensor		Optional
Light- sensor		--
Proximity sensor		--
MRZ		Support on model 815
GPS		--
GSM		--
GPRS		--
Fingerprint	Sensor	CMOS
	Scanning	16 x 24mm
	Image	320 x 480 pixel, 500dpi
Wireless	Wi-Fi	Support
	Bluetooth4.0	Support
	3G	--
Power	Battery	Lithium-ion 10500mAh
	Supply	DC 19V/3.42A
OS ( Operating System )		Windows 10 x86 Home Edition / Android 5.1

Accessory	- Stylus - AC-DC adaptor - 2" paper roll - USB Pendrive
Machine Weight	2kg
Dimension	242mm*251.77mm*124.5mm
Operating Environment	Working temperature : 0 °C~70 °C
	Relative humidity ≤ 90%
Temperature for Storage and Transportation	-40 ~ 60 °C
EMC	ESD meets the third level condition of contact
	RS meets the secondary conditions formulated in table one of GB 17626.3

## 6. About the Battery

High-performance 10500mAh Lithium-ion battery is installed in the terminal.

### (1) Battery Life:

Up to 8 hours for continuous work, standby for a week. (The result may vary depends on different model.)

### (2) Charging Method:

Please charge your battery on time when the system warns. A full charge to 100% is necessary.

### (3) Time for Charging:

A standard 10500mAh battery charge takes about 4-5 hours.

### (4) Operating Notice:

- a). The standby time is measured in an actual environment, but the specific standby time may vary in different areas. This is due to various factors.
- b). A rechargeable battery for the device can charge and discharge hundreds of times, but it will eventually wear out. When standby times are noticeably shorter than normal, replace the original battery.
- c). Enter system hibernation if no intend to use battery for long period. Battery should be kept in dry environment with full charge. Charge and discharge once every 3 to 6 months.
- d). Use designated battery for replacement.

## 7. Optional Genuine Accessories

- (1) USB data cable
- (2) AC adapter
- (3) External battery
- (4) Camera lighting device

## 8. Simple Troubleshooting Guide

phenomenon	Cause	Operation
Abnormal Charge	Not full insertion of AC adapter into household outlet	Check plug insertion
No USB connection	Poor contact of USB port	Ensure good contact of USB port
Heating	Normal phenomenon under service conditions	Avoid using in a too hot environment, or stop operation for a while
Crash	Malware running or BUG in running software	Press reset button, avoid malware in peacetime

## 9. Maintenance & Repair

- (1) Keep the device dry in case rain, humidity and all kinds of liquids or moisture containing minerals will erode electronic wires.
- (2) Avoid using and storing the device in dusty and dirty place in case detachable parts and internal electronic components damaged.
- (3) Do not put the device in a too hot place because high temperature shortens the life of electronic devices, destroys batteries, deforms and melts some plastic components.
- (4) Do not store the device in a too cold place. Or else when the temperature of the device rises (to normal temperature), humidity appears inside it then destroys circuit board.
- (5) Open the device in accordance with the manual, do not try other methods.
- (6) No throw, beat or vibration allowed, because that will damage the inner circuit board and its precision architecture.
- (7) Do not clean the device with strong chemicals, cleaning agents and strong detergents.



- (8) Do not paint the device because paints affect detachable parts work smoothly.
- (9) The adaptor is for use in dry environment only.
- (10) Capacitive touch panel designation, avoid extrusion with hard objects, scratch or rude touching in case touch panel fracture or failure.
- (11) Power off while long time no use.
- (12) Abnormal situation may happen due to increasing electromagnetic interference. Please reboot system after shutdown.

The suggestions above are applicable equally to the product, battery, charger and all accessories. If abnormal situation of any accessory happens, contact local authorized agent for replacement or maintenance.

## FCC Caution.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.

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 & your body