SMARTMATIC

VIU-811 User Manual for

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1 Introduction

1.1 Purpose

This document describes a complete guide of VIU-811, for correct operation of the device.

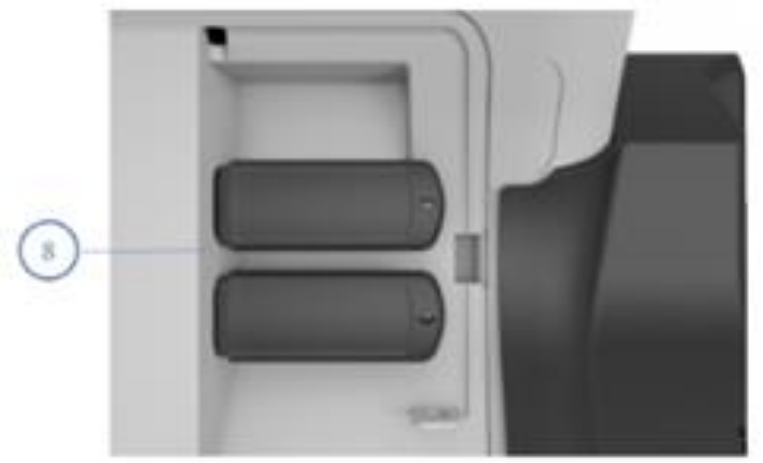
1.2 Intended Audience

The information in this document is intended primarily for Smartmatic need-to-know and Laboratory technical personnel who are responsible of operating the VIU-811.

2 VIU-811 Product Overview

2.1 VIU-811 Components

The following figure depicts its main components location:



VIU-811 Components

ID	Part	Description
1	Touchscreen	10" capacitive touch screen.
2	USB Port	
3	USB Compartment Lid	To secure the USB compartment, it includes ventilation holes that provide airflow into the USB Compartment.
4	Power Button	To power on or off the VIU-811.
5	Battery LED Indicator	To verify the battery charging level.
6	Battery Indicator Button	To power on or off the battery LED indicator.
7	Right Side Panel - Ethernet and DC Ports	For LAN connection and to power the VIU-811 (includes charge the internal battery).
8	Left side Panel USB Ports	

2.2 Quick Start Guide

1. Connect the device to a power outlet.
2. Press the Power button to power on the device.
3. Perform any of the desired operations with the device.
4. Press the Power button to power off the device.

3 VIU-811 Technical Specifications

The VIU-811 includes the following hardware features:

ID	Description	Parameter	Value
1	Platform	Intel® Atom™	-
2	CPU	Processor Type	Intel® Atom™ Z8350
		Core	Quad-core
		Frequency	Base/Burst up to 1.92GHZ
		Process	14 nm
		L2 Cache	2 MB
3	Memory	RAM	4 GB
4	Display	LCD Type	10.1" Panel 1280*800, TFT- LCD
5	Storage	Type	EMMC
		Capacity	128 GB
6	Connectivity	Wi-Fi	802.11 b/g/n
		Bluetooth	v4.0 Basic Rate
7	Ports	LAN Ethernet	x 1 100 Mbps
		USB 2.0 Ports	x 3 Conn
8	Ports	DC jack	x 1 (19 V)
9	Key	Power button	x 1
		Battery Status	x 1 (5 LEDs)
10	Power	Battery	85.41Wh (7800mAh @ 10.95V)
		AC Plug	120V 60Hz
11	Software	Operating System	Windows 10
12	Dimensions	Width	289 mm 11.34"
		Height	125 mm 4.92"
		Depth	251mm 9.88"
13	Weight	Weight	~2 kgs 4.4 lbs
14	Environment	Operating Temperature	0°C ~ 40°C
		Storage Temperature	-20°C ~ 45°C
15	Printer	Type	2" non cutter Thermal
16	Barcode Reader		1D/2D

3.1 INTERNAL BATTERY

A 7800mAh @10.95V Li-on rechargable battery is installed in the device.

- Battery life: About 6 hours of operation.
- Time for charging: About 8 hours charging time.
- Storage: If stored for a long time (exceed three months), the cell should be stored in drying and cooling place.
- Recommendations: Check and charge the battery at least every 4 months to 30 - 35% to maintain battery performance and life.

3.2 ACCESSORIES

- Power Adapter

4 Basic Troubleshooting Guide

This section describes the problems that may arise while using the VIU-811.

4.1 VIU-811 Basic Troubleshooting

This section describes the problems that may arise during Election day.

ID	Component	Problem/Symptom Description	Solution Description
1	Power - Cannot Turn On the VIU	Pressing the power button does not turn on the device.	The device may have run out of battery. Connect the device to a power outlet and let the battery charge for at least 6 hours.
2	Thermal Printer	The printer does not work, or paper is stuck.	1. Open the printer slot. 2. Carefully remove thermal printer paper obstruction. 3. Close the printer slot.

4.2 Maintenance & Repair

4.2.1 Maintenance

- Avoid any broken socket. Retain from connecting any other devices to the same socket.
- Avoid any liquids and food near the VIU-811.
- If you need to move the VIU-811 always grab it with both hands.
- DO NOT expose the VIU-811 to high temperatures, direct sunlight, dust or humidity. As long as possible it must be operated in dry, cool and a covered from sunlight.

4.2.2 Repair Procedures

The VIU-811 should only be repaired by authorized personnel. To guarantee the warranty of the devices do NOT open the devices or attempt to open any of the internal components.

5 FCC RF Exposure Information and Statement

FCC Statement

1. 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.
   (2) This device must accept any interference received, including interference that may cause undesired operation.
2. 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.

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