Specification

Display	:	7" IPS LCD, 1024 X 600 Resolution, Multi Touch Capacitive Touch Screen With Tuffen Glass
Processor	:	1 GHz Quad Core ARM Processor
RAM	:	1 GB
Inbuilt Storage	:	8 GB Flash Memory
Expansion Slot	:	Micro SD Slot Supporting up to 32 GB Memory Card
Audio	:	Good Quality Speaker - 1W Speaker
External Keyboard Support	:	Device Can Support Keyboard Through USB or Bluetooth Interface
Connectivity	:	Dual 4G/3G/2G Micro SIM Slot, WiFi Interface & Bluetooth
GPS	:	Supports GPS and AGPS
USB Ports	:	Micro USB OTG as Debug Port, Additional USB2.0 Slave Port
Fingerprint Sensor	:	Mantra MFS100 STQC/UIDAI /FBI Certified Fingerprint Sensor
Thermal Printer	:	Integrated 2" Thermal Printer
Battery	:	Swappable & Rechargeable 10,000mAH Li-ion/Li-Polymer Battery
Camera	:	5MP Auto-Focus Camera for Reading QR Code and 2D Barcode, 2MP Front Camera (Optional)
Indicators	:	Status Indicator Provides Ease of Use. Indicators are for Better Connectivity
		(Presence/Absence), Signal Strength, Battery Status etc.
SAM Slot	:	SAM Slot to Secure Loading of Applications
Certification	:	CE, RoHS, BIS IS13252 (Part 1)
Ethernet	:	10/100 Mbps Supported RJ-45 Interface
Other Interface	:	RS232, Relay with Non Potential Contacts
Operating System	:	Android
Power On/Off	:	External Power On/Off Button
DC Power	:	Separate DC Jack for Power Input
Power Adapter	:	Power Adapter with Surge Protection

Any damage to the device caused by the user will void the warranty.

IS 13252(Part 1)
CE   RoHS

Operating & Handling Instructions

1. Handle the sensor with proper care to avoid damage of the sensor.
2. Clean the glass portion of the sensor with the cleaning cloth provided or use special optical cloth in order to clean the glass area.
3. Store the sensor in a cool & dry place when not in use.
4. Disconnect the sensor from your desktop/Tablet/Mobile when not operating.
5. Operate the sensor within the operating limits specified.
6. Use only the USB Cable provided & don't attempt to replace it.
7. Install the driver as per driver installation guide; if the sensor does not work make sure the sensor is detected as Mantra IRIS Sensor in the device manager as shown below. If the sensor is not detected, please Re-install the drivers for proper functioning of the sensor. In case of further problem please contact your technical support person for assistance.

Precautions

1. Do not attempt to disassemble the Sensor.
2. There are no user Serviceable parts inside.
3. Do not expose or operate the Sensor to rain or moisture.
4. Do not clean the sensor with strong chemicals or acids.
5. Do not operate the sensor beyond its operating Temperature & operating Humidity.
6. Do not place the device beyond to heating elements.
7. Do not place magnet near to device while operating.
8. Do not operate the sensor beyond its operating Voltage.
9. Do not drop the device or submit it to sudden impact or mechanical stresses.
10. Do not remove the device label or warranty seal.

Download Drivers & SDK
http://download.mantratecapp.com

On call support & Service (Time : 09 : 00 AM TO 09 : 00 PM)
Cell: 079-49068000 (Press 1 for support Services)

Support / Service Email
servico@mantratec.com

RMA Support

Instruction Manual

HTH mensa

CANTEEN MANAGEMENT HARDWARE
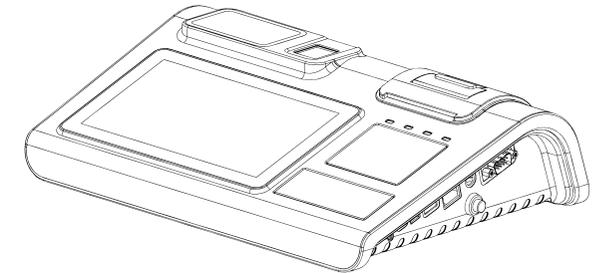
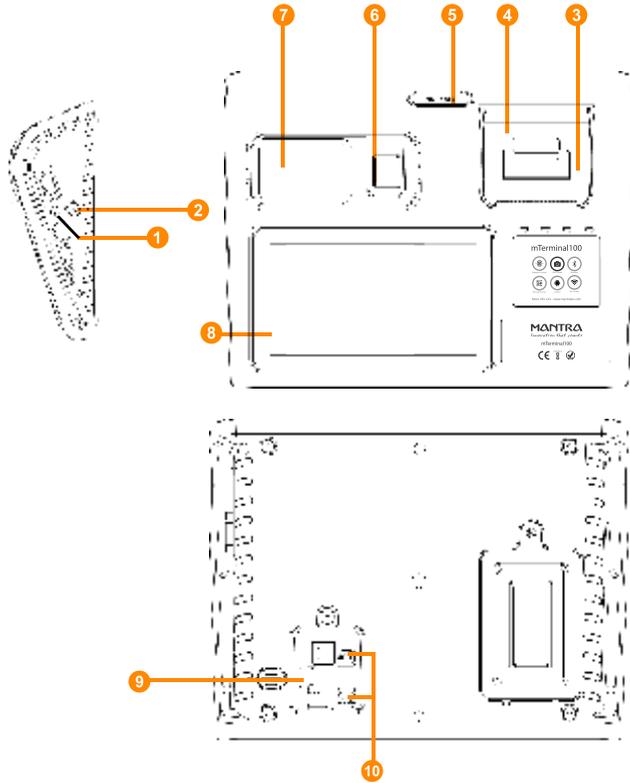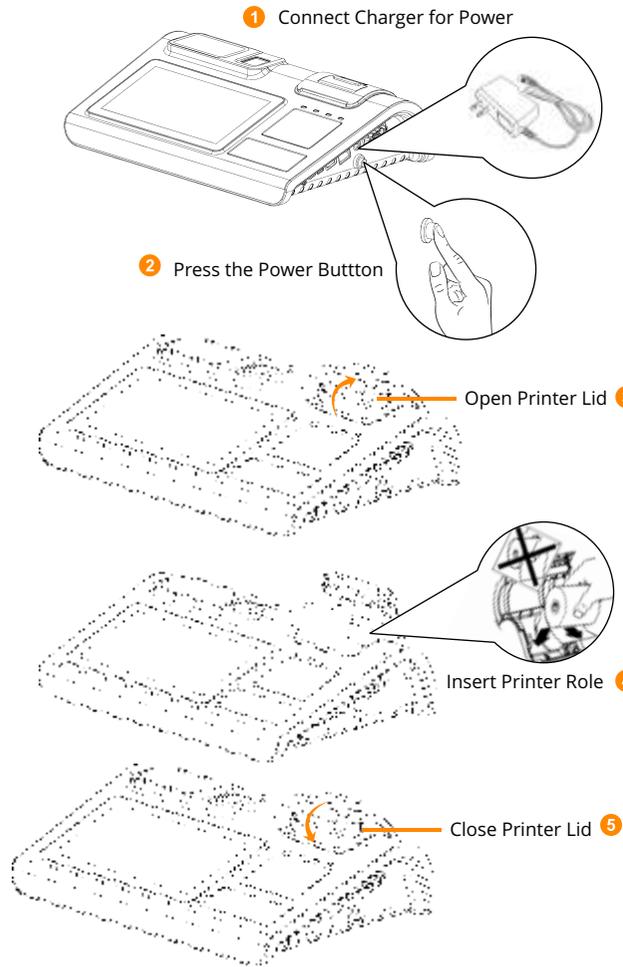Manage your Canteen Operations with Mantra's Biometric POS Machine and Application

MANTRA

Product introduction

1	Charging Point	6	Fingerprint Scanner
2	On/Off Button	7	QR Code Scanner
3	Receipt	8	LCD Touch Screen
4	Bill Printer	9	SAM Card Slot
5	Camera	10	Dual SIM Slot

How to Start Process

1 Connect Charger for Power

2 Press the Power Buttton

Open Printer Lid 3

Insert Printer Role 4

Close Printer Lid 5

Connectivity Options

Wi-fi Connect

Step 1. Swipe up at the home screen to see all applications

Step 2. Search for the setting ⚙ gear Icon and click to enter

Step 3. Click on Network and Internet

Step 4. Click wi-fi

Step 5. Click the toggle to enable

Step 6. Select the wi-fi network

Step 7. Enter the password to connect with the wi-fi.

Connect Network and Internet

Step 1. Swipe up at the home screen to see all applications

Step 2. Search for the setting ⚙ gear Icon and click to enter

Step 3. click on Network and Internet

Step 4. click on SIM card

Step 5. Under the preference, section select the data option for Step enabling or disabling the SIM card 4G or 3G data

What's in the box?

POS Device	Power Charger	Instruction Manual	Hardware App Manual
Web App Manual	Web App Flow chart	User App chart	Software CD