



SB 8010A

Android POS Terminal

User's Manual



Table of Contents

1 Overview	2
2 Standard Package Contents	3
3 Touch Screen Calibration	4
4 System View	5
5 Accessories	6
6 Change your language and Input Keyboard	7
7 How to install an Application	8
8 Motherboard Information	12
9 Specifications	13

1 Overview

The SB8010A is a cost effective all-in-one POS terminal with compact footprint and fanless design. With the capability to run Android, costly operating systems are not required, keeping cost of the POS solution to a minimum. Integration of VFD customer display, magnetic stripe reader and barcode scanner eliminates issues with device connectivity, mounting, compatibility and cable management.

- Compact size and cost effective
- Low power consumption, less than 10 watts
- Fanless operation
- Customer display, magnetic stripe reader and barcode scanner integration
- 9.7" 5-wire resistive touch monitor
- Android operating system

2 Standard Package Contents

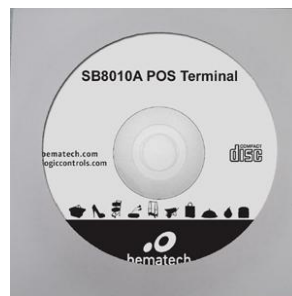
a. SB8010A POS terminal



b. Power adaptor and cable



c. Drivers and User manual

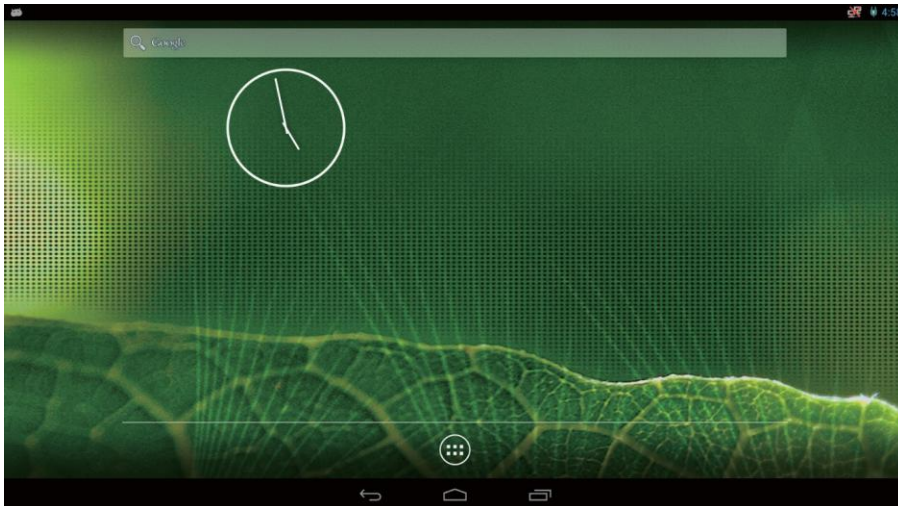


NOTICE:

SB8010A Input Power Voltage is from 19v~24v, only use Included Power Adaptor to avoid any Voltage problem.

3 Touch Screen Calibration

1. First time boot up will need to calibrate 9 points.
2. Click Application Icon



In Application list; click “Calibration”



Follow the steps from there and click 9 points on each corner. And Save the calibration change.

4 System View

1. I/O ports



2. Power switch button
The button is below I/O ports.



5 Accessories

1. Magnetic Card Reader and barcode scanner.

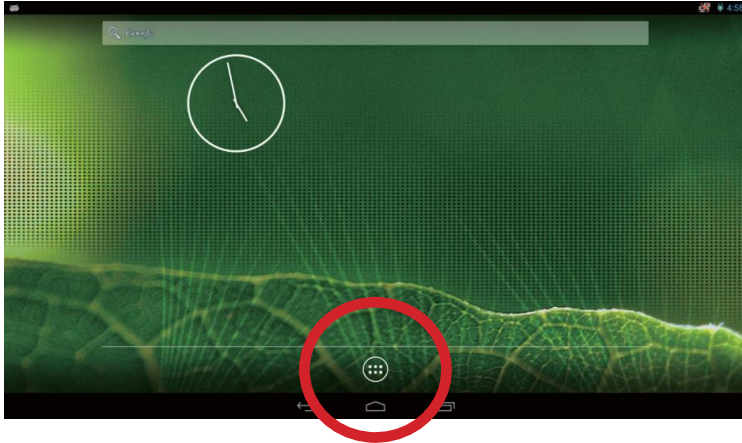


2. Customer Display



6 Change your language and Input Keyboard

1. Click Application Icon

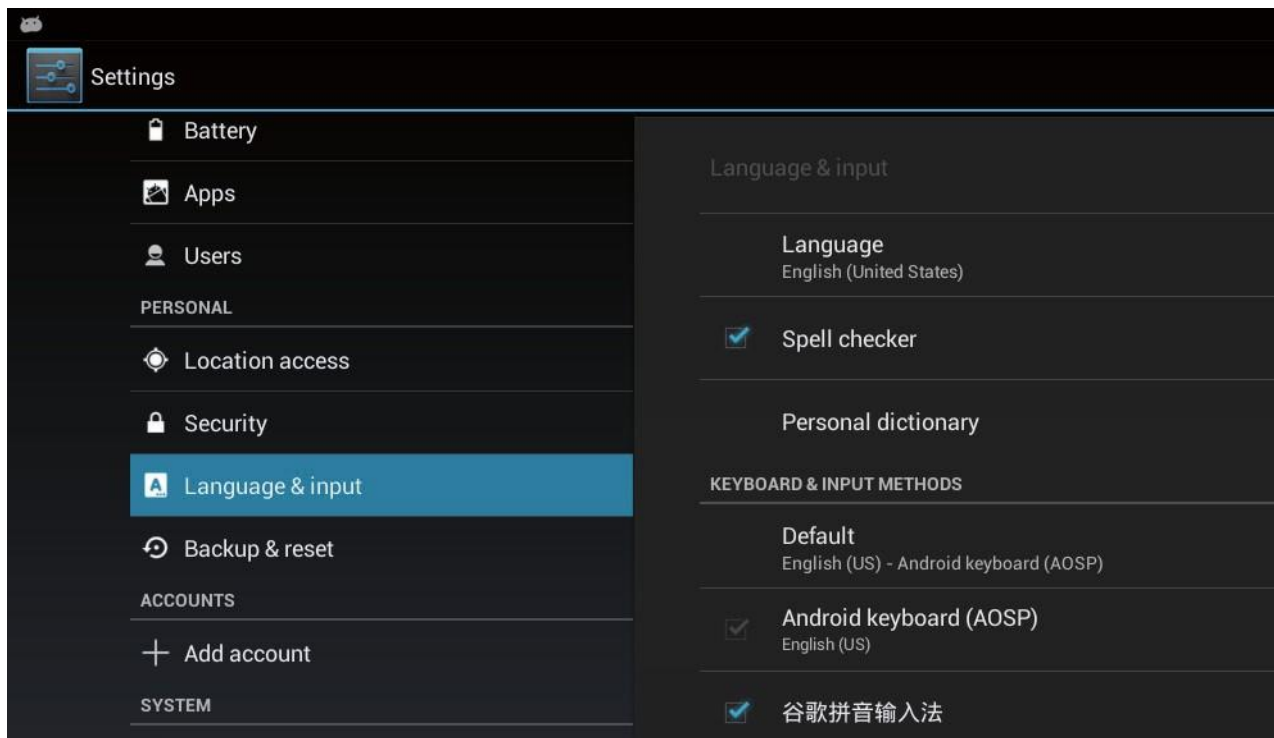


2. Click Setting Icon



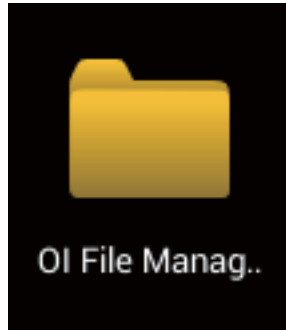
3. Click Language & Input

Choose Language and Select the language you need.

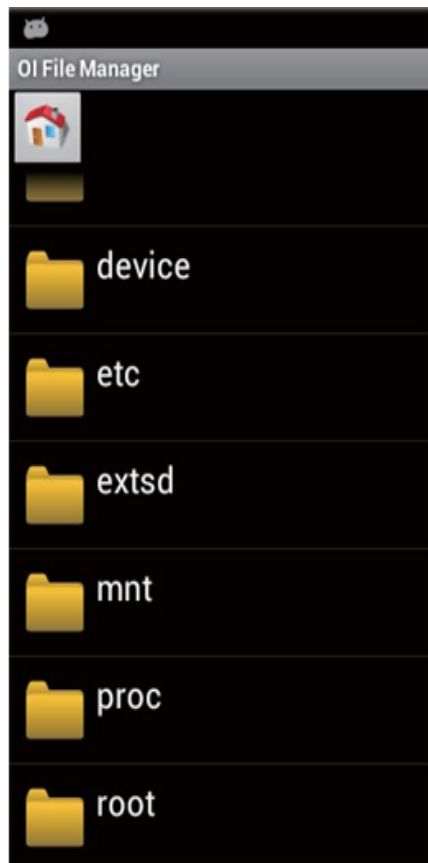


7 How to install an Application

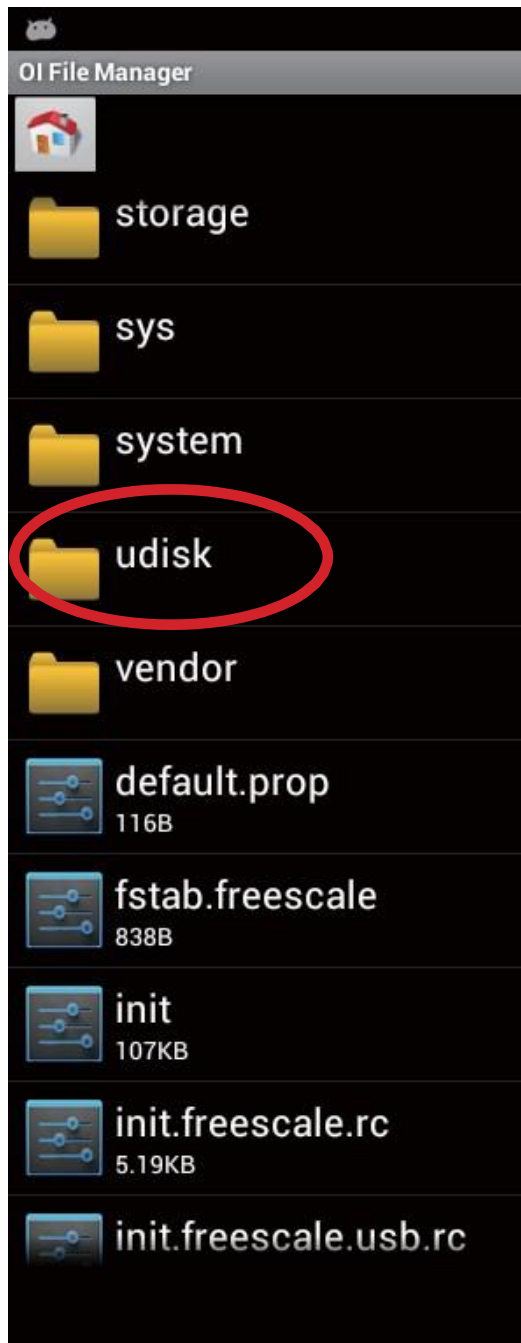
1. Save your application program in a USB flash drive and plug into one of SB8010A USB port. In the application list, click “OI File Manager”.



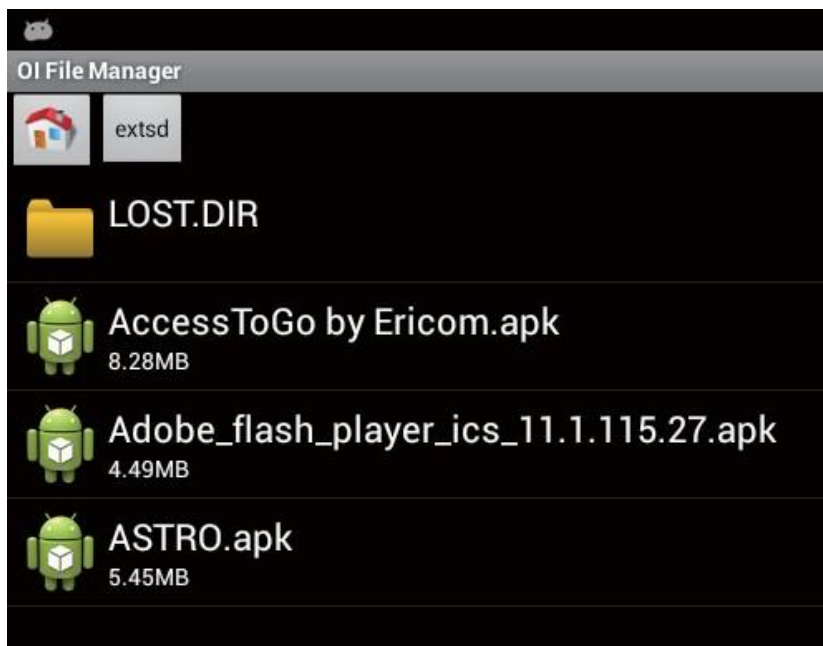
2. Click on the “home” icon.



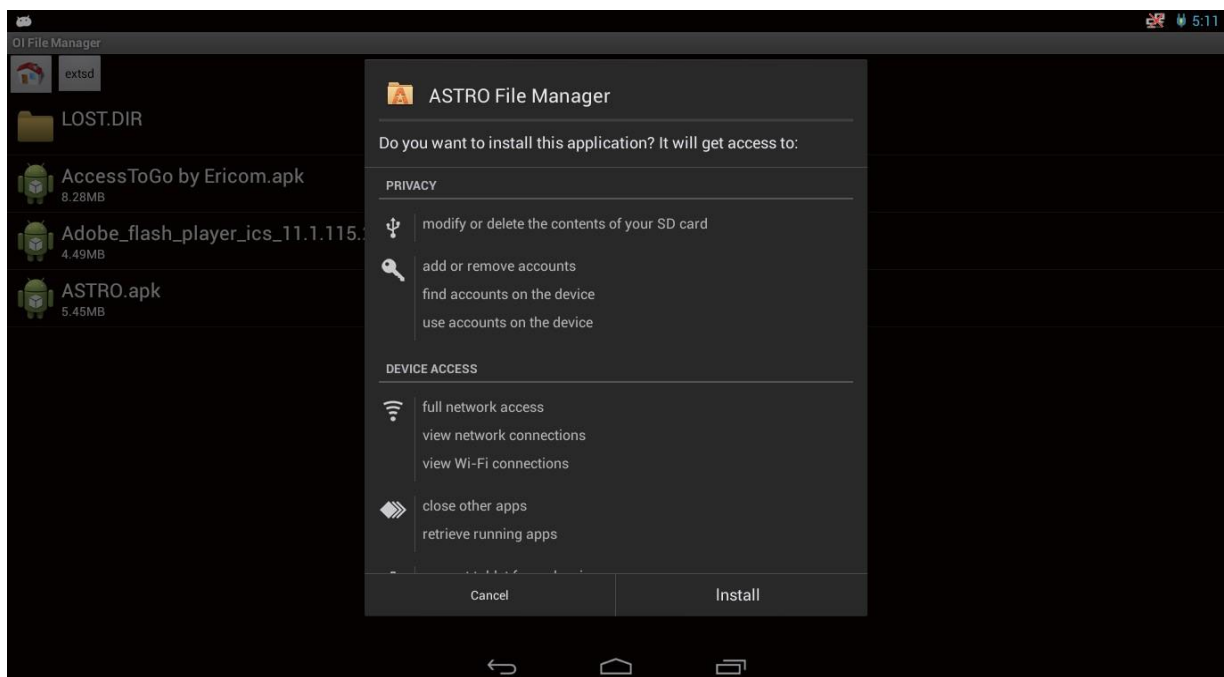
3. Scroll down to search for "udisk" folder and then click on "udisk".



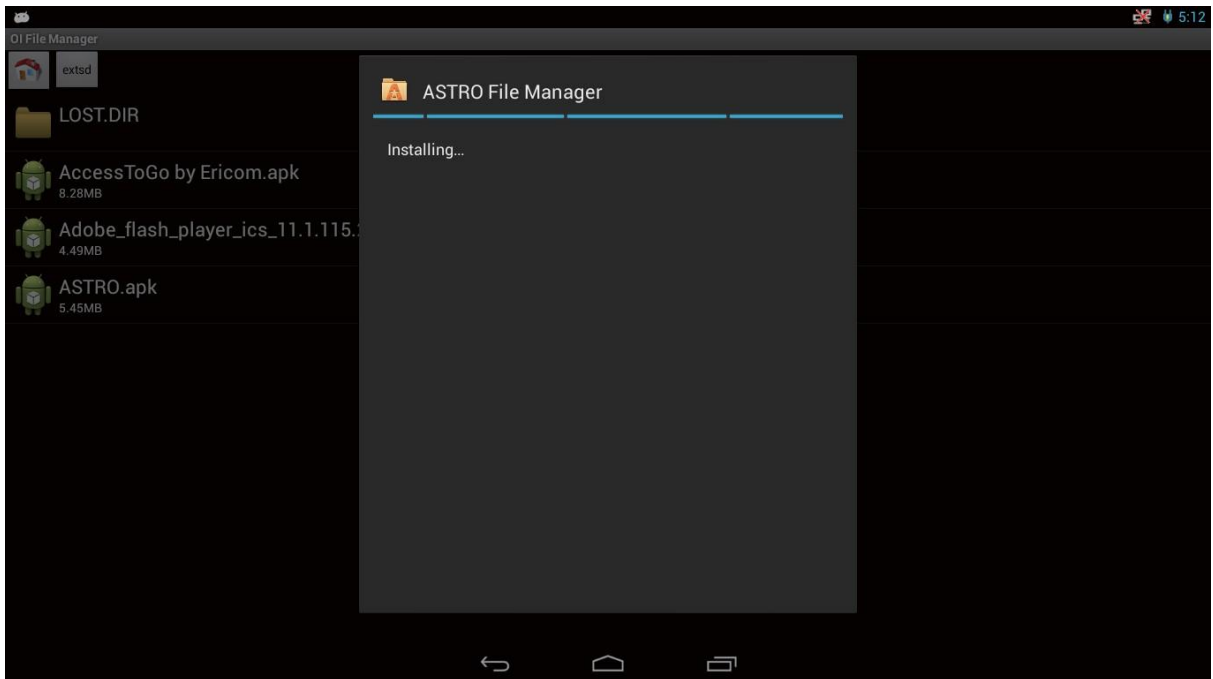
4. Find the application you want to install and click on the application to start.



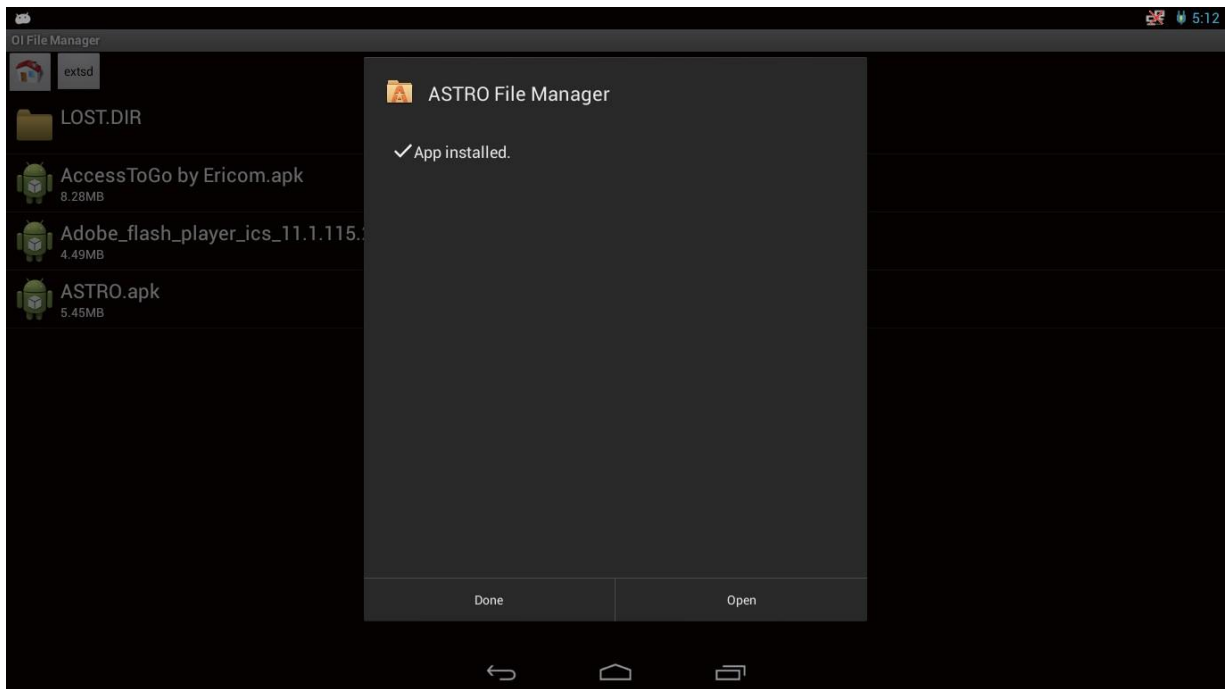
5. Permissions required by the application will be displayed. Click "Install" to proceed.



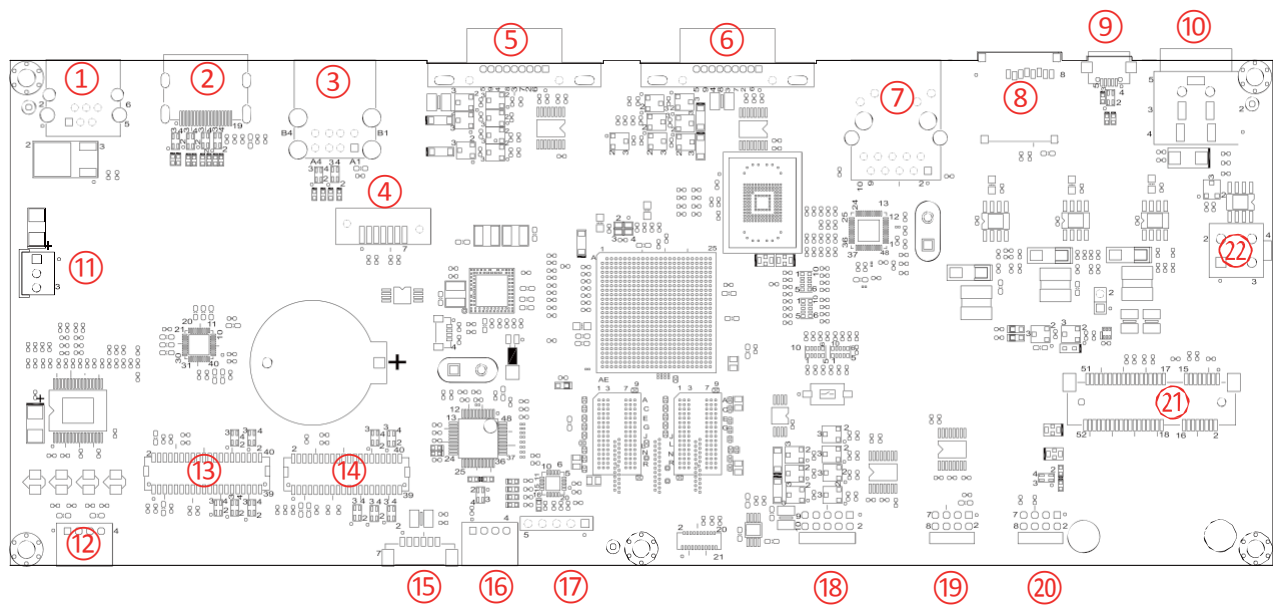
6. Progress of installation will be shown.



7. Click "Done" when installation has finished.



8 Motherboard Information



① RJ11 for CashDrawer

② HDMI

③ USBx2

④ SATA

⑤ COM2

⑥ COM1

⑦ 10/100/1000 Ethernet

⑧ Micro SD

⑨ USB OTG

⑩ 24V power in

⑪ 5V Out

⑫ Speaker Out

⑬ LVDS for Second LCD

⑭ LVDS for Main LCD

⑮ Invertor control

⑯ Internal USB

⑰ 5-W touch controller

⑱ COM3

⑲ COM4/5

⑳ Front Panel

㉑ mPCI-e

㉒ 24V Out

9 Specifications

SYSTEM

CPU Support	Cortex A9, dual core
Memory	1GB
Storage	eMMC 8GB
Operating System	Android 4.2.2 Jelly Bean

DISPLAY

LCD Panel	9.7"
Resolution	1024x768
Brightness	350 nits
Touch Screen	5-wire resistive

I/O Ports

USB Port	USB 2.0 x 2
	OTG x 1 (Micro USB)
Serial Ports	RS232 (DB9) x2
Ethernet	10/100 BaseT
MicroSD	1 x MicroSD slot
	(support SDXC)

AUDIO

Output	Built-in stereo speakers
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PERIPHERAL OPTIONS

Customer Display	VFD, 20 columns x 2 lines
	RS232, ESC/POS commands
Magnetic Stripe Reader	3 track, RS232
Scanner	Laser, single line
Wireless	WiFi 80W.11 b/g/n and
	Bluetooth, integrated

ELECTRICAL

Power Adapter Input	100-240VAC, 2A max
Power Adapter Output	24VDC, 1.7A max

MECHANICAL

Weight	4 Kg (8.8 lb)
Dimension (H x W x D)	285mm x 268mm x 179mm
	(11.22" x 10.55" x 7.04")