

Introduction to POS



Power button

Press the power button to start the POS when the machine is powered off.

Press the power button for 2-3 seconds to turn off or restart the POS when the machine is working.

Press the power button for 11 seconds to power off the machine when it crashes.

USB interface

For connecting an external keyboard, mouse or U-disk.

Paper exit of printer

For printing a receipt at the power-on state.

Cover handle of printer

For opening the paper roller cover of the printer to change paper.

Primary display

A touchscreen for operators.

Cable cover

Behind the cover are ports that connect various cables.

Card slot cover

Interface of card-swiping slot

Interface cover

TF card slot

Micro USB debugging port

Debugging function button

Interface of card-swiping slot

For connecting an external MSR/REID card reader.

TF card slot

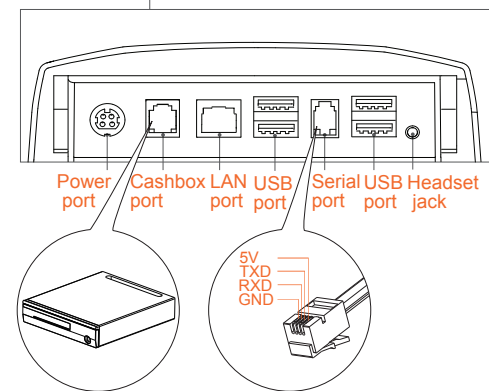
For connecting an external TF memory card.

Micro USB debugging port, debugging function button

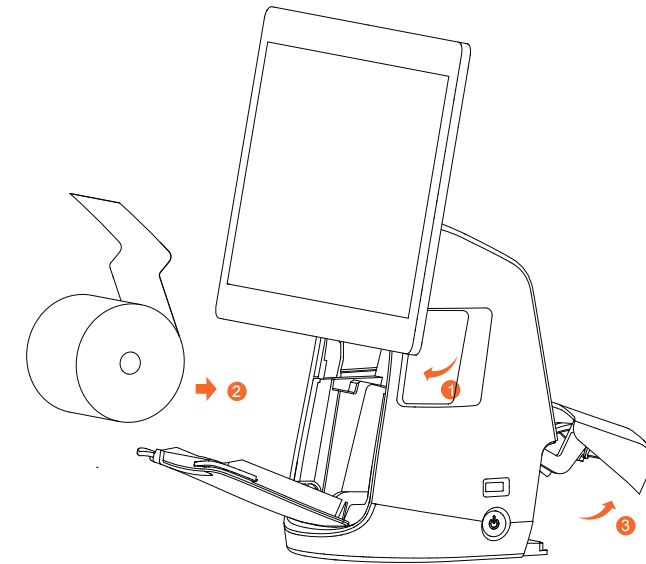
For debugging the POS.

Cashbox Port

It is used for cash drawer connection, with output 120ms electronic pulse. But it does not supply continuous power. This port can only support 24V/1A cashbox. If you use a 12V cashbox, there may be a potential risk of circuit burns.



POS machine installation



1 Open the paper roller cover

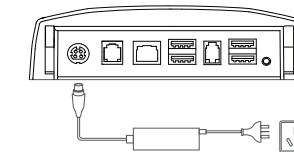
Pull the printer handle out, and the paper roller cover pops out automatically.

2 Install printing paper

Place 80mm thermo-sensitive paper, pull out a section from the paper exit, and then close the paper roller door.

3 Connect the power cable

Connect the power interface of the adapter to the power port at the bottom of the POS. Connect the other end of the adapter to the power socket.



Simplified Setting

It only takes a few steps to turn on this intelligent commercial POS machine:

- 1 Press the power button, and then the screen lights up. Follow the instructions shown on the initial start-up interface. Two Internet access modes are available for your option.
- 2 WIFI setting
 - Press the [Setting] button, start WLAN to enter the WLAN search interface, and search for the available WLAN hotspots.
 - Press the WLAN to be connected. If an encrypted network is selected, a password is required for connection.
- 3 LAN setting

How to download/use App

The POS is applicable to cashing environments of commercial customers from a wide variety of sectors such as catering services, high-end department stores, convenience stores, banking services, information stations, interactive multimedia facilities, advertising exposure systems, etc. Open the App Market while you are connected to the Internet to view, download and install the App.

Access the Help App in the POS machine for more use instructions

Hazardous/Toxic Substances and Content Table of the Product

Hazardous/Toxic Substances or Elements						
Parts Name	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr(VI))	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)
Circuit card assembly	×	○	○	○	○	○
Print head assembly	×	○	○	○	○	○

○: Indicates that the concentration of the hazardous substances in all homogeneous materials in the parts is below the relevant threshold of the SJ/T11363-2006.

×: Indicates that the concentration of the hazardous substances of at least one of all homogeneous materials in the parts is above the relevant threshold of the SJ/T11363-2006; However, the content of the parts marked with "×" is above the standard due to the fact that there is not mature alternative technologies in the industry.

Products reaching or beyond service life for environmental protection shall not be discarded anyhow but recycled as per the stipulations set out in the Control and Administrative Measures on Electronic Information Products.

Basic Parameters of POS machine

Operating system	Android 6.0
Processor	Qualcomm 8-core Snapdragon 615
Display	14-inch IPS FHD1920×1080 resolution
Memory	16GB ROM+ 2GB RAM
Touchscreen	Multi-touch capacitive screen
WIFI	Dual-band WiFi, 802.11a/b/g/n(2.4GHz/5GHz) supported
Wireless	GSM900/1800/850/1900, WCDMA850/1900/2100
Bluetooth	Bluetooth 3.0/4.0 and iBeacon supported
Printer	80mm printer head, paper roll diameter of 80mm, with an auto-cutter
Speaker	1.2W each, maximal 90dB
External ports	5x USB type-A ports, 1x RJ11 serial port, 1x RJ12 24v cashbox port, 1x RJ45 LAN port, 1x headset jack, 1x power port, 1x Micro-USB debugging port
External memory card	MicroSD (TF) supported, maximum 64G memory
Overall dimensions (H×W×D) CM	37.4X33.8X22.4 CM
Power adapter	Model No.:EA10681P-240 Input: AC 100~240V/2.0A Output: DC 24V/2.5A Manufacture: EDAC Power Electronics Co., Ltd.

Common Troubleshooting

Symptom	Printer Out of Service	Device Crash
	<ul style="list-style-type: none"> Make sure the paper case is closed properly; Make sure the printing is properly and installed; Check whether the paper case is installed with 80mm thermal printing paper roll; Check whether the paper is placed reversely when printing blank con-tent; 	Press the power button for 11 seconds to restart
Confirmation		

Precautions

Safety Warning

- Please insert the AC plug into the AC outlet according to the identifying input on the power adapter;
- It is prohibited to use the device in any places with potential explosive gases;
- Nonprofessionals shall not open the power adapter anyhow so as to avoid dangers;
- The device is a Grade A product. In living environment, the product may cause radio interference. Therefore, users may be required to take practical measures against the interference.
- Adapter shall be installed near the equipment and shall be easily accessible. The plug considered as disconnect device of adapter.

Important Safety Instructions

- Avoid installing or using during thunder and lightning, otherwise lightning stroke may occur;
- Cut off the power immediately if there is abnormal smell, overheating or smog;
- Do not touch the sharp paper cutting tool!

Recommendation

- Do not use the device near water or in humid environment. Keep liquid from falling onto the terminal;
- Do not use the device in extremely cold and hot environment, e.g. around fire or lighted cigarettes;
- Do not smash, throw or bend the device;
- Use the device in clean and dustfree environment as much as possible and keep small items from falling into the terminal;
- Do not use it near medical devices unless permitted.

Statement

The company is not responsible for the following behaviors:

- Damages caused by using and maintaining the device without following the User Guide;
- Damages or problems caused by selection of objects or Consumables (products which are not the initial ones provided or recognized by the company).

In this case, the company will not undertake any responsibility. No one is entitled to modify or change the product unless permitted by the company.

Disclaimer

Discrepancies between the product and the file concerning details may raise due to product updates. Please be subject to the material object. The company reserves the right to interpret the file and the right to revise this manual without prior notices.

Please make sure the temperature for adapter will be from -10 °C to 40 °C.
Please make sure the temperature for device will be from -10 °C to 40 °C.

1 EU Regulatory Conformance

Hereby, Shanghai Sunmi Technology Co., Ltd. declares that this Radio LAN device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the declaration of conformity,

CE 0700

Notice: Observe the national local regulations in the location where the device is to be used. This device may be restricted for use in some or all member states of the European Union (EU).

The device complies with RF specifications when the device used at least 20cm from human body. The users has to turn off the 5GHz WiFi in outdoor environment.

FCC Regulations:

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.

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

RF Exposure Warning Statements:

The antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons during the normal operations.

POS Machine User Manual