Manuals+ — User Manuals Simplified.

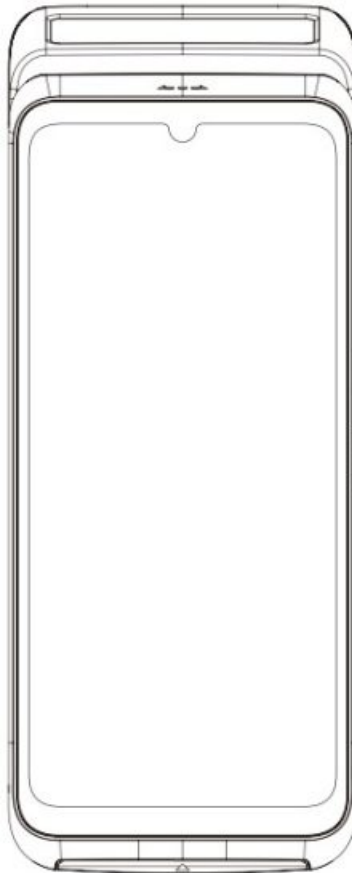# SUNYARD S200 Smart POS Terminal Instruction Manual

SUNYARD

Product Manual
Service Hotline: 0086-571-56686126
S200 Android POS Terminal

Hangzhou Sunyard Technology Co., Ltd.

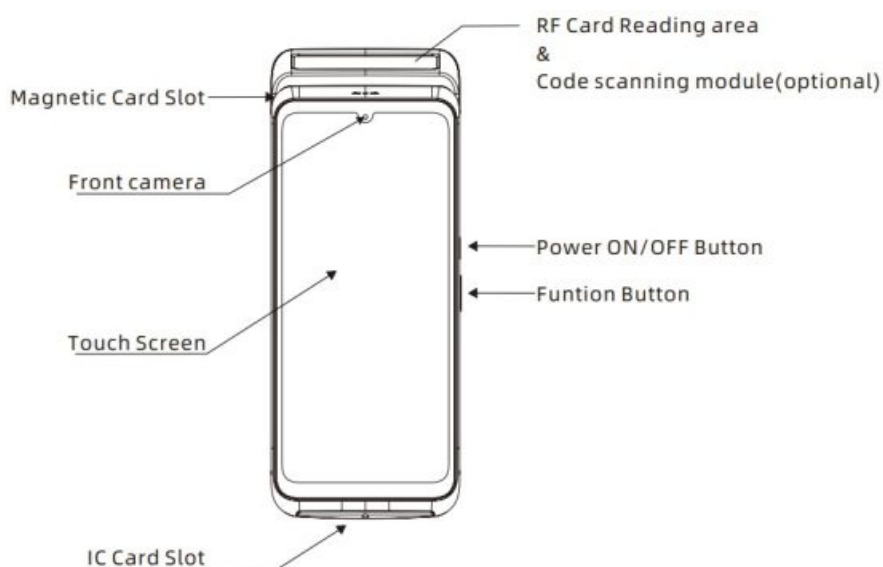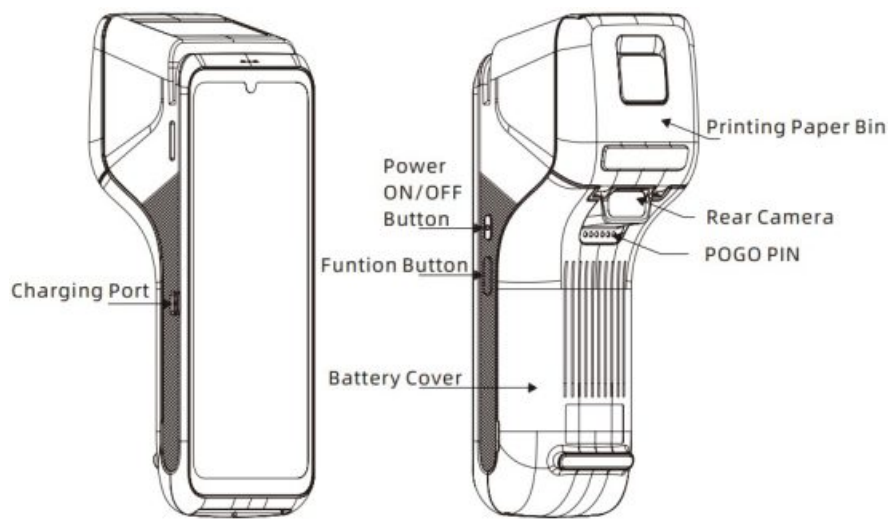## Contents

S200 Smart POS Terminal

User Instruction

Thank you very much for choosing Sunyard Technology products, When using, please read this user instruction so that you will know more about the performance, Please keep this user instruction for your reference in case you are in trouble while using the terminals.

Our company will try our best to adopt new technologies, new components and new software to improve our products, We have right to make the changes without prior notice, The feature, function or the operation described in this user instruction maybe a little different from the performance of the products that selling all over the world,.sometimes, picture is only the prototype, Please ask for the right documents from our company or agents when your are using the user instruction.

The device must be installed by our after-sale engineers. Our company will not take the liability of any consequences caused by unauthorized changes to the device, replacement of the connected equipment and cables not as specified.
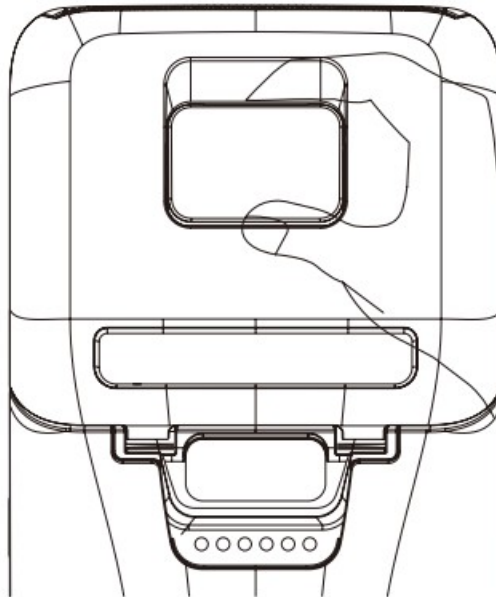
Basic Configuration

Charging Port
Power ON/OFF Button
Funtion Button
Battery Cover
Printing Paper Bin
Rear Camera
POGO PIN

Printing Paper Installation

Step 1: Open the printing paper cover, and keep the cover opened

Step 2: Put paper in the bin, and notice the position and direction of the paper.and keep part of the paper outside the bin
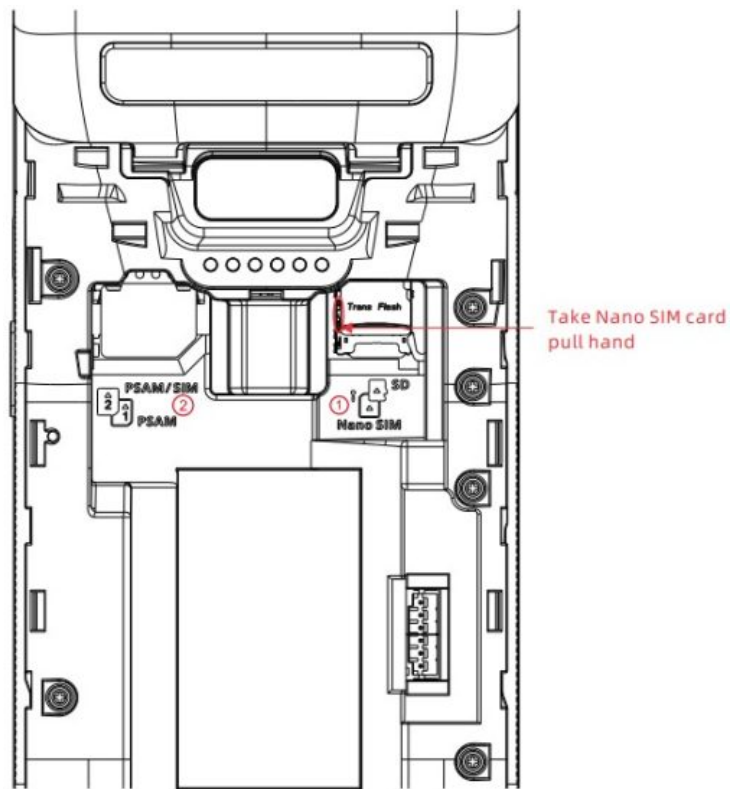
Step 3: Close the printing paper bin

Installation Instruction

(1) SIM card and SD card installation

Step 1: Open the battery cover at the back of the terminal

Step 2: ① Two layers SIM card slot, insert the SD card at the below layer and insert the SIM card at the upper layer.

② Insert SIM card (the lower layer of SIM card is PASM card).

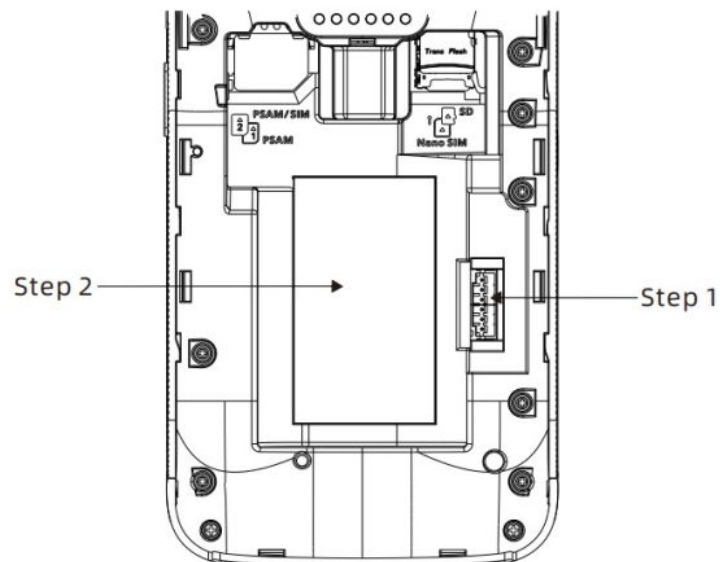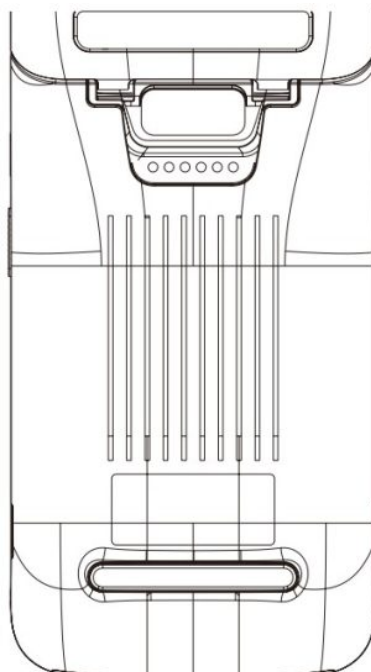Take Nano SIM card pull hand

⚠ Note SIM card in right place of SIM card slot.

Battery Installation

Step 1: Insert the connector of the battery
Step 2: Put the battery inside

Step 2 — → — Step 1

Step 3: Close the battery cover

List of toxic and harmful substances or elements

Parts Name	Toxic and harmful substances or elements					
	Pb	Hg	Cd	Cr6+	PBB	PBDE
PCBA	✕	○	○	○	○	○
Housing	○	○	○	○	○	○
Buttons on Terminal	○	○	○	○	○	○
LCD of Terminal	✕	○	○	○	○	○
Battery	✕	○	○	○	○	○

○: It means that the content of this toxic and harmful substance in all homogeneous materials of the component is below the limit specified in standard SJ/T 11363-2006

✕: Indicates that the content of the toxic and harmful substance in at least one homogeneous material of the component exceeds the limit specified in standard SJ/T 11363-2006

Notice:

1. Most of the components of this product are made of non-toxic and harmless environmental protection materials. The components containing toxic and harmful substances or elements cannot be replaced by toxic and harmful substances or elements due to the limitation of global technological development.

2. The environmental data for reference is obtained by testing in the normal use and storage environment required by the product, such as temperature and temperature, etc.

Product Certificate

Surveyor: PASS 1
Supervisor: Hangzhou Sunyard Techology Co., Ltd.
Website: **http://www.sydtech.com.cn**

Customer Retention

Product Name	5200 Android POS Terminal
Invoice Number	
Date of Production	
Date of Purchase	
Purchase Company	
Selling Company	

Please keep the retention form properly and read the warranty terms in detail.
Please show the retention form when it is needed.

HANGZHOU SUNYARD TECHNOLOGY CO.,LTD
Address: Sunyard Science & Technology Building, No. 3888,
Jiangnan Avenue, Binjiang District,
Hangzhou, China
Postcode: 310053
Telephone: 0086-571-56686126
Fax: 0086-571-56686000

Receipt of Warranty Card
(Please clip the completed form and send it back to Sunyard Company)

Product Name	5200 Android P05 Terminal
Invoice Number	
Date of Production	
Date of Purchase	
Purchase Company	
Address of the Company	
Telephone Number	
Contact	
Selling Company	

HANGZHOU SUNYARD TECHNOLOGY CO.,LTD
Address: Sunyard Science & Technology Building, No. 3888,
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Telephone: 0086-571-56686126
Fax: 0086-571-56686000

HQ622010068Q0

Warranty

FCC regulatory conformance
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.

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

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

RF Exposure
The SAR limit adopted by FCC is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit. The highest SAR value reported to the FCC for this device type when using in portable exposure conditions is 1.45 W/kg.

Declaration of Conformity
Hereby, Siden, Inc. declares that the radio equipment type S200 of Smart POS Terminal is in compliance with Directive 2014/53/EU and this product is allowed to be used in all EU member states. The full text of the EU declaration of conformity is available at the following internet address: **https://www.sydtech.com.cn/**

Manufacturer information:
Company name: Hangzhou Sunyard Technology Co., Ltd.
Address Sunyard Science & Technology Building, 3888 Jiangnan Ave., Binjiang Dist.,
Hangzhou, China

Operation temperature: 0~45℃
Operation frequency (Max power)

Radio	Frequency	Max. power
Bluetooth	2402-2480MHz	8.9dBm(EIRP)
WiFi 2.4G	2412-2472MHz	17.9dBm(EIRP)
WiFi 5G	5150-5250MHz	15.4dBm(EIRP)
	5725-5850MHz	13.9dBm(EIRP)
GSM	900MHz	33d Bm(Conducted)
	1800MHz	30d Bm(Conducted)
WCDMA	Bands 1/8	23.5dBm/24dBm (Conducted)
LTE FDD	Bands 1/3/7/8/20/28	24d Bm(Conducted)
LTE TDD	Bands 38/40	24d Bm(Conducted)
NFC	13.56MHz	55.2d BpV/m @3m
Satellite positioning	support BDS, GPS, GLONASS	

RF exposure statement

For the countries that adopt the SAR limit of 2.0W/kg(body) and 4.0W/kg(Limbs) over 10 grams of tissue. The device complies with RF specifications when used at a distance of 5mm from your body and 0mm from your Limbs. The highest reported SAR value:
body SAR: 1.37W/kg, Limbs SAR: 2.811W/kg

The device is restricted to indoor use when operated in the European Community using frequency 5150MHz-5250MHz to reduce the potential for interference.
Restriction in BE, BG, CZ, DK, DE, EE, IE, EL, ES, FR, HR, IT, CY, LV, LT, LU, HU, MT, NL, AT, PL, PT, RO, SI, SK, FI, SE, UK(NI).

User Instruction

1. POWER ON/OFF instruction

   POWER ON: Press ON/OFF button for 3 seconds

   POWER OFF: Press ON/OFF button for 3 seconds, and then press power off showed on the screen.

2. Magnetic card

   Put the magnetic card into the magnetic card slot to read, magnetic side towards to the LCD(refer to the sign for card identification), keep smooth, uniform when swiping the card.

3. Contact IC card

   Insert IC card into the IC card slot, the side with chip towards to keypad, please refer to card identification

4. Contactless card

   Put the contactless card near to the contactless card reader zone on the terminal, and make contactless card transaction. Put one contactless card every time to avoid conflict.

5. Charging

   Connect the USB cable to terminal and the 5V2A power adapor to charge.

Specification

Item	Specification
CPU	ARM Quad-core Cortex A53 processor, 64-bit secure processor
Memory	RAM-2GB LPDDR, Flash-32GB eMMC RAM-4GB LPDDR, Flash-64GB eMMC (Optional)
Operation System	Android 13, Secure Payment System
Display	6.7-inch 720*1600 iPS Capacitive multi-touch screen
Extended Storage	Micro SD card, Max support 32G
PINPad	Built-in password keypad, Conform to ANSI X9.8/1509564, ANSI X9.9/15008731 standard Support Master Key/Session Key, Fixed, DUK PTetc PIN protection technology, Support DES, 3DES, RSA, SHA-256 and AES etc algorithm
Touch Screen	Capacitive touch screen, support e-signature
IC Card Reader	Conform to 1507816, PBOC3.0 and EMV4.2 LEVEL1&2 standard
Magnetic Card Reader	1Support 1507811 1/2/3 track, Bi-directional reading
Contactless Card Reader	Support ISO/EC 14443 Type A&B, Mifare card, conform to QPBOC, Mastercard Contactless and Paywave standard
Rear Camera	5MP AF with auto flash & auto focus (Optional:8MP/13MP) Supports 1 D/2D code scanning
Front Camera	2MP,FF Supports 1D/2D code scanning
Physical interface	USB Type-C OTG, compatible with USB2.0 HS standard 1*PSAM card slot, conform to 1507816 2*SIM for wireless communication network identifcation
Indicator Light	/
Buzzer	Built-in buzzer, Speaker and microphone
Printer	Built-in high speed thermal printer Printing speed:>80mm/s Paper roll diameter: 40mm, width:58mm
GPS	Support GPS / A-GPS / GLONASS / Beidou
Battery	3350mAh/7.2V
Communication	4G,3G and 2G, Wi-Fi, and hot spot, Bluetooth
Power Adaptor	Input: 110-240VAC, 50Hz/60Hz,0.5A Output: 5V DC/2A USB Type-C interface
Environmental Conftion	Operating temperature: 0~45°C Storage Temperature: -20°~70°C Humidity: 5%~90% (Non-condensing)

Instruction for installation and usage

1. Please use the terminal under the specified voltage range, not use too low or too high voltage.

2. Make sure the connection is correct when connecting to the host.
3. Don't damage the cable; if the cable is damaged, do not use it.
4. Put away from the place with direct sunlight, high temperature, moist, dusty or highly corrosive gas.
5. Put away from liquid; do not use terminal at the place where the water may wet or enter into the terminal; do not operate the terminal with wet hand.
6. It is strictly prohibited to open the terminal without permission, otherwise the terminal will be triggered; it will be on your own risk.
7. If the terminal is out of service, please contact the engineers, do not repair the terminal by unauthorized engineers.
8. Make sure to use the original battery or the specified battery, or it may cause explosion. Do not disassemble, impact, squeeze, heat, short circuit or put into fire. Do not use the battery after it is soaked in water.

Password protection instruction

1. When entering the password, cover it with your body or hands to prevent it from being peeped.
2. The scope of the surveillance camera installed by the merchant shall avoid the location of the terminal as far as possible to prevent the cardholder's password disclosure.

Parking list

Item No.	Name	Quantity
1	5200 Android P05 Terminal	1 pcs
2	USB cable	1 pcs
3	User manual	1 pcs
4	Printing Paper	1 pcs
5	Power Adapter	1 pcs
6	Battery	1 pcs

Sunyard Technology reserves the rights to change the specification of the terminal without prior notice.

HANGZHOU SUNYARD TECHNOLOGY CO.,LTD
Address: Sunyard Science & Technology Building, No. 3888,
Jiangnan Avenue, Binjiang District,
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Website: **http://www.sydtech.com.cn**

To: Customer Service Center
Hangzhou Sunyard Technology Co., Ltd.
Sunyard Science & Technology Building, No.3888,
Jiangnan Avenue, Binjiang District,
Hangzhou, 310053

China

Customer Service Center
0086-571-56686126

Documents / Resources

	SUNYARD S200 Smart POS Terminal [pdf] Instruction Manual S200, S200 Smart POS Terminal, Smart POS Terminal, POS Terminal, Terminal

References

- **User Manual**