375.00 mm

75.00 mm

165.00 mm

AxPOS A8S

QUICK START GUIDE

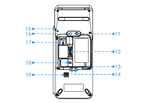
This symbol indicates an important warning.

Before you start

When powering on for the first time, open the battery cover, plug in the connector, and place the battery pack into its compartment.

Product Introduction

1. **Contactless Card Reader**
   For reading membership card and other contactless cards.
2. **Printer Paper Cover**
   Open the paper cover to load/unload printing paper.
3. **LEDs for Contactless Card**
   For contactless transaction status indication.
4. **Magnetic Card Reader**
   For reading the magnetic card, with the stripe facing the terminal.
5. **Buzzer**
   For transmitting beep sound signals.
6. **Smart Card Reader**
   Insert the card horizontally with the metal chip facing upward.
7. **Front Scanner**
   For quick scanning of QR codes/ barcodes or photography.
8. **Power Button**
   Press to wake up or lock the screen.
   Long Press:
   Long press for 2-3 seconds in power-off mode to switch on the device.
   Long press for 2-3 seconds in operation mode to select power off or restart.
   Long press for 6-8 seconds when the system is frozen to power off.
9. **Volume Button**
   Press "+" to increase the volume and press "-" to decrease the volume.
10. **USB Type-C Port**
    For charging the device or for developer debugging purposes.



11. **Flashlight**
    For lighting in camera mode.
12. **Battery**
    For inserting the lithium battery to power the terminal.
13. **Micro SD Card Slot**
    For inserting an SD card.
14. **Base Charging Interface**
    Place on the base to charge the terminal.
15. **Wrist Strap**
    For attaching with a wrist strap.
16. **Rear Camera**
    For capturing images and videos.
17. **SAM Card Slot**
    For inserting encrypted SAM cards, and support the insertion of two cards.
18. **SIM 1 Card Slot**
    For inserting a SIM card.
19. **Speaker**
    For audio playback.

Installation

The module connectors are located inside the terminal in a closed compartment. Please power off the terminal first; open the back cover of the terminal, and remove the lithium battery.
Turn the terminal and remove the trapdoor.

SAM1/SAM2/SIM1

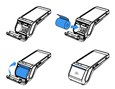
Insert the SAM/SIM cards according to the indicated direction until the SAM/SIM card is securely fixed in the card slot.

Micro SD Memory Card

Insert the Micro SD card in the direction shown in the Fig below, until it is securely fixed in the card slot.

Printing Instructions

• Open the paper cover by lifting the catch located at the top of AxPOS A8S and pull the cover to the rear of the terminal.
• Insert the paper roll in the compartment following the directions shown on the picture below.
• Pull the paper up to the top of terminal, maintain the paper and close the cover:
  • Press simultaneously on both upper corners of the paper flap until it clips into position.



Precaution

• Do not use the terminal in harsh environments such as direct sunlight, high temperatures, humidity, or excessive dust.
• When cleaning, make sure to turn off the power first and use a soft dry cloth to wipe the body of the terminal. For cleaning the terminal, dampen a clean cloth with a few drops of neutral cleaner; do not use a wet cloth. For stubborn stains, you can use alcohol or cleaners containing alcohol for cleaning. Avoid using diluents, trichloroethylene, or ketone-based solvents as these chemicals can damage plastic or rubber components. Never spray cleaning agents or other solutions directly onto the keyboard or terminal screen.
• Do not plug in or unplug any components while they are powered on as this may damage interface terminals.
• After each day's business operations end, please remember to shut down the terminal to save energy.
• The terminal should be managed by designated personnel and should not be operated by individuals unfamiliar with its operation.
• If any of the following abnormal phenomena occur in the work, it shall stop the operation immediately, cut off the power supply, and promptly report to the service provider:
1. Hearing sharp noises during operation.
2. Accidentally allowing impurities or water into the terminal.
3. Emitting unpleasant odors during operation.

Safety Warning

• There is a risk of explosion if the battery is incorrectly replaced or is placed in a fire.
• **Electrical power supply network**
  Provide an electrical outlet:
  1. Located near the equipment and easily accessible.
  2. Must meet the standards and regulations in the country of use.
  3. For Type A plug, the protection of the installation must be set to 20 A.

Ensure that the terminal is powered off when inserting or removing the battery.

Suggestions

• Do not apply excessive pressure on this terminal or place any items on top of it.
• Avoid subjecting this terminal to severe vibrations, shaking, or forceful impacts.
• Do not position this terminal in environments with high temperature, humidity, dustiness, or strong electromagnetic fields.
• Do not plug/unplug any components or external terminals of this terminal while it is powered on; otherwise internal circuitry damage may occur. Always turn off the terminal's power switch before disconnecting its power supply.
• Try not to use flammable sprays, paints near this terminal in order to prevent fire hazards.

Disclaimer

• Every effort has been made in the preparation of this User Guide to ensure the accuracy and completeness of its content.However,it cannot be guaranteed that there are no errors or omissions in this manual.
• Documentation of this product without prior notice.
• Due to product updates, certa in details in this document may not correspond with the actual product.For accurate information, please refer to the physical product.

YSD10005565

Warning

FCC Statement:
Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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.
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.

Specific Absorption Rate (SAR) information:
SAR tests are conducted using standard operating positions accepted by the FCC/ iseds with the device transmitting at its highest certified power level in all tested frequency bands,although the SAR is determined at the highest certified power level, the actual SAR level of the product while operating can be well below the maximum value.
Before a new device is a available for sale to the public, it must be tested and certified to the FCC/ iseds; that it does not exceed the exposure limit established by the FCC/iseds; Tests for each Device are performed in positions and locations as required by the FCC/iseds;

For hand hold and body supported operation,this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions the device minimum of 5 mm from the body .

Standard

CE MARKING
The CE marking indicates AxPOS A8S complies with the requirements of European Directive 2014/53/EU on Radio Equipment for:
• The protection of the health and the safety of the user and any other person.
• The protection requirements with respect to electromagnetic compatibility.And complies with harmonized standards, as well as RoHS Directive 2011/65/EU and its amendment directives.

Operating Frequency Band (RF)

GSM B3: 1710-1785MHz(TX); 1805-1880MHz(RX)
GSM B8: 880-915MHz(TX); 925-960MHz(RX)

WCDMA B1: 1920-1980MHz(TX); 2110-2170MHz(RX)
WCDMA B5: 824-849MHz(TX); 869-894MHz(RX)
WCDMA B8: 880-915MHz(TX); 925-960MHz(RX)

LTE B1:1920-1980MHz(TX);2110-2170MHz(RX)
LTE B3:1710 -1785MHz(TX);1805-1880MHz(RX)
LTE B5:824-849MHz(TX);869-894MHz(RX)
LTE B7:2500-2570MHz(TX);2620-2690MHz(RX)
LTE B8:880-915MHz(TX);925-960MHz(RX)
LTE B20: 832-862MHz(TX);791-821MHz(RX)
LTE B28: 703-748MHz(TX);758-803MHz(RX)
LTE B38: 2570-2620 MHz(TX);2570-2620 MHz(RX)
LTE B40:2300-2400MHz(TX);2300-2400MHz(RX)
LTE B41: 2496-2690MHz(TX);2496-2690MHz(RX)
2.4G WIFI:2412-2472MHz(TX/RX)

Bluetooth: 2402-2480 MHz(TX/RX)
RF ID: 13.56MHz(TX/RX)
GPS L1 C/A/ GLONASS G1/ BDS B1I:1559-1610MHz(RX)

Max Of Transmit Power

EGSM900: 31.90dBm
DCS1800: 28.90dBm
WCDMA Band1: 23.71dBm; WCDMA Band5: 23.25dBm; WCDMA Band8: 23.04dBm
LTE B1: 24.69dBm, LTE B3: 24.53dBm, LTE B5: 23.24dBm, LTE B7: 22.96dBm,
LTE B8: 24.8dBm, LTE B20: 23.46dBm, LTE B28: 23.53dBm, LTE B38: 23.76dBm,
LTE B40: 23.90dBm, LTE B41: 23.32dBm
BT:13.29dBm
BLE:4.56dBm
2.4G WIFI:18.41dBm
NFC:25.82dBuA/m@1m

Environment (WEEE, Batteries and Packaging)
This product is abeled in accordance with European Directives 2012/19/EU concerning Waste Electrical and Electronic Equipment (WEEE) and 2013/56 /EC concerning Batteries and Accumulators. Those provisions are requiring producers and manufacturers to become liable for take-back, treatment and recycling upon end of life of equipment and batteries.

The crossed-out wheeled-bin symbol on the product or its accessories means that the product belongs to the family of electrical and electronic equipment, and waste batteries must not be thrown away but collected separately and recycles.

Please contact your retailers for more detailed information about the compliance solution in place for disposing of your old product and used batteries.In this way you can participate in the reuse and upgrading of technical and Electronic Equipment Waste, which can have an effect on the environment and human health.

The Green Dot recycling symbol on the packaging means that the packaging meets the requirements of directive 94/62/EC and all its revisions on packaging and packaging waste. Packaging waste must be return,collection and recovery by Green Dot organizations.

CE

PRODUCT SAFETY WARNINGS

Use responsibly. Read all instructions and safety information before use to avoid injury. The maximum operating ambient temperature of the equipment declared by the manufacturer is 50°C.

Battery Safety
Charge battery only at ambient temperatures ranging from 0°C to 40°C.
1.CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer. Dispose of used batteries according to battery manufacturer's instructions.
2.CAUTION RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.
3. CAUTION: Charging temperature upper limit is 40°C.

Charger Safety
When charging, please place the terminal in an environment that has a normal room temperature and good ventilation. It is recommended to charge the terminal in an environment with a temperature that ranges from 0°C~40°C. The power supply unit provided with your equipment is specially designed for AxPOS A8S terminal. Do not use any other power supply. The use of a power supply with apparently similar voltage/current characteristics may damage your terminal.

Wi-Fi Safety
Turn Wi-Fi off in areas where Wi-Fi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.