

YZ

Z6000 Smart POS Terminal



YZ Z6000 Smart POS Terminal User Manual

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YZ

YZ Z6000 Smart POS Terminal



Product Specifications

- Manufacturer: YZ Intelligence Technology Co., Ltd.
- Transmitter Frequency:
 - E-GSM 900: 880-915 MHz
 - DCS 1800: 1710-1785 MHz
 - WCDMA 2100: 1920-1980 MHz
 - WCDMA 900: 880-915 MHz
 - LTE Bands: 1, 3, 7, 8, 20, 28, 38, 40
 - Bluetooth/BLE: 2402-2480MHz
 - 2.4G Wi-Fi: 2412-2472MHz
 - 5G Wi-Fi: 5150-5250MHz, 5725-5850MHz
 - NFC: 13.56MHz
- Receiver Frequency:
 - E-GSM 900: 925-960 MHz
 - DCS 1800: 1805-1880 MHz
 - WCDMA 2100: 2110-2170 MHz
 - WCDMA 900: 925-960 MHz
 - LTE Bands: 1, 3, 7, 8, 20, 28, 38, 40
 - Bluetooth: 2402-2480MHz
 - 2.4G Wi-Fi: 2412-2472MHz
 - 5G Wi-Fi: 5150-5250MHz, 5725-5850MHz
 - GPS L1C/A;BDS, B1I:1559-1610 MHz
 - NFC: 13.56MHz
- RF-Output Power:
 - E-GSM 900: 33.14 dBm(GMSK),25.95 dBm(8PSK)
 - DCS1800: 29.43 dBm(GMSK),24.23 dBm(8PSK)
 - WCDMA 2100: 23.05 dBm, WCDMA 900:23.89 dBm

- LTE: Various power levels for different bands
- Bluetooth: 4.17 dBm, BLE: -2.32 dBm
- 2.4G Wi-Fi: 16.12 dBm, 5G Wi-Fi: Various power levels
- NFC: Power specifications at a specific distance

Product Usage Instructions

Warranty Information

The warranty for this product is valid for a period of 12 months from the date of purchase. Maintenance services are available at a reasonable price during this warranty period. The warranty will be void if the product is damaged due to natural disasters, fire, unauthorized alterations, or improper usage. The free warranty covers original parts only and requires the dealer's stamp or warranty card for service.

Disclaimer

Due to product upgrades, some details in this document may not match the actual product. The company reserves the right to interpret this document and alter specifications without prior notice.

Important Note

This equipment complies with FCC Rules and provides protection against harmful interference. Follow the guidelines provided to ensure proper operation and consult a professional if needed.

CE Specification

The product meets CE specifications for transmitter and receiver frequencies as well as RF-output power levels.

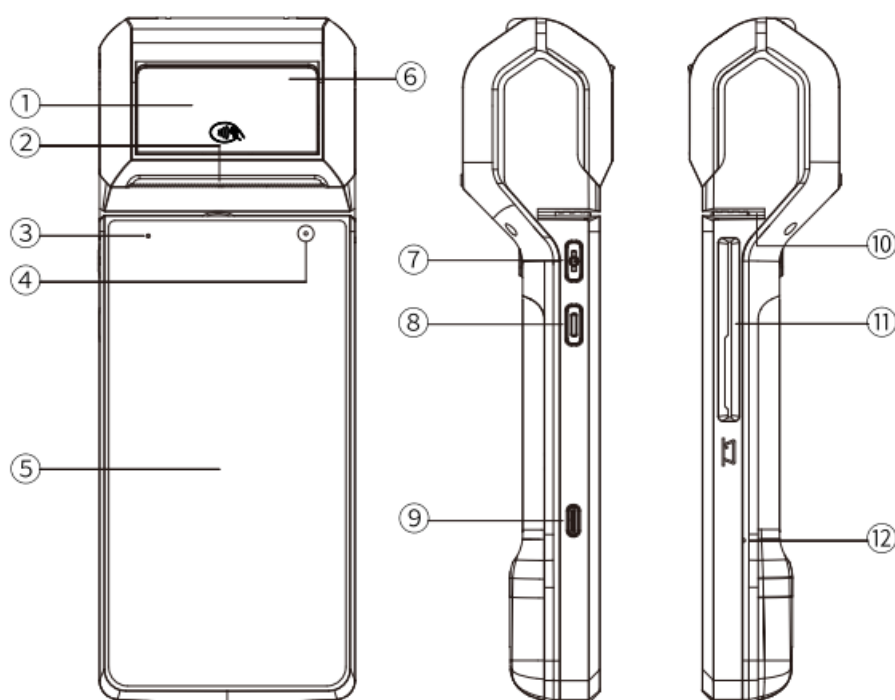
Packing List

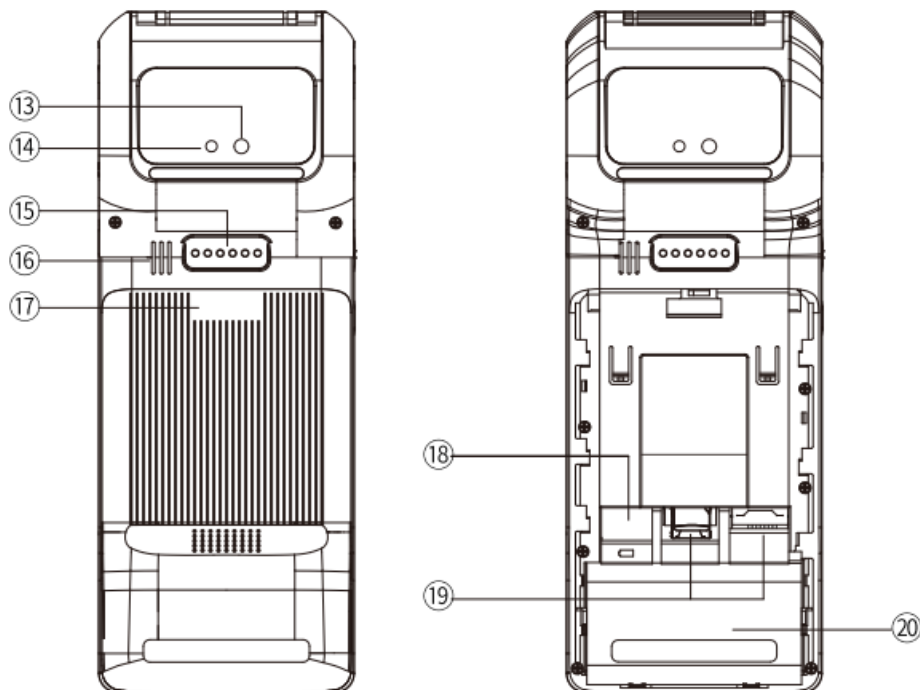
Please check the items when you receive the product and if there is anything defective or missing, please contact your terminal provider.

Smart POS Terminal	1
Charging Cable	1
Power Adapter	1
User Manual	1
Printer Paper	1


Overview of the Terminal


1. Contactless Area	11. IC Card Reader
2. Printer Out Area	12. Microphone
3. LED Indicators	13. Rear Camera
4. Front Camera	14. Flashlight
5. Display	15. Extended Interface
6. Printer	16. Audio
7. Power Key	17. Battery Cover
8. Function Key	18. Battery Port
9. Type-C Port	19. SIM/SAM Slot
10. Magnetic Card Reader	20. Nameplate





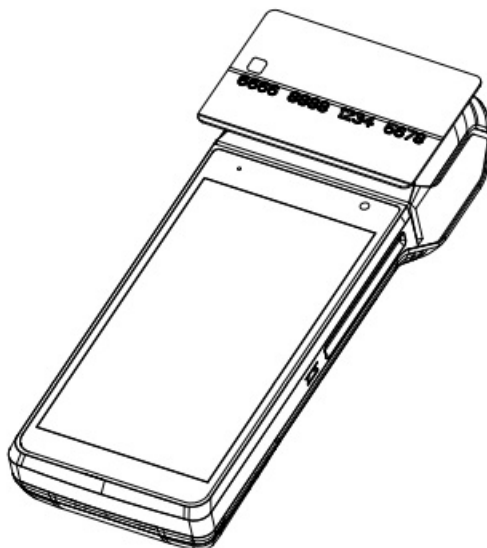
Operating Instructions

Power on : Press and hold the power button () on the left side of the terminal for 2-3 seconds to power up the terminal.

Shutdown/Restart: Press and hold the power button () on the left side of the terminal for 2-3 seconds key until it shows the menu Power off; A prompt interface will pop up in the upper right corner of the screen. Select Power off or Restart based on the prompt interface.

Contactless card transaction

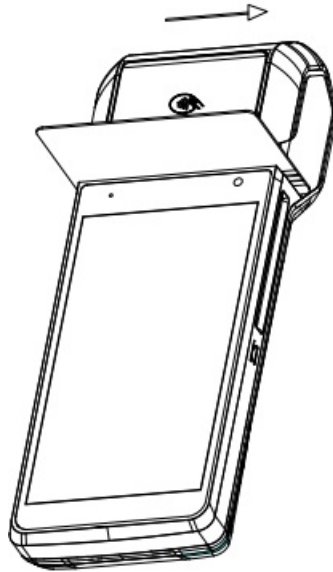
As shown in the graphic, when using a contactless card, position the card close to the device with its centre over the contactless symbol.



Magnetic stripe card transaction

As shown in the graphic, when using a magnetic stripe card, ensure the magnetic stripe is facing the terminal, swipe the card through the slot in a single smooth motion (any direction).

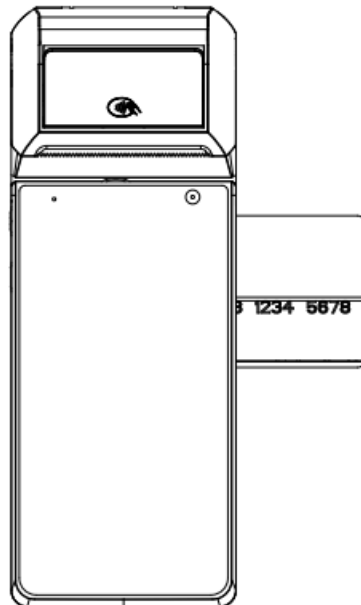
Note: Any damage to the magstripe or incorrect swiping may lead to transaction failures.



Chip card transaction

As shown in the graphic, when using a chip card, insert the chip card into the card slot at the right of the terminal with the chip facing towards, please do not force the card back to avoid damaging the card or the device.

Note: If the contact point of the IC chip is damaged or oxidized, the transaction may fail.



Warranty Card

- Product name :
- Product model :

Warranty Conditions

1. Warranty valid for 12 months after purchasing date;
2. Maintenance services are available for a reasonable price for 12 months after purchasing date;
3. This warranty will be voided if the product is damaged due to natural disaster, fire, unauthorized alteration or improper usage;
4. Free Warranty covers original parts only;
5. Warranty service will not be provided if the dealer's stamp or this card is missing.

Disclaimer

As a result of product upgrading, some details in this document may not match the product, and the actual product shall govern. The Company reserves the right of interpretation of this document. The Company also reserves the right to alter this specification without prior notice.

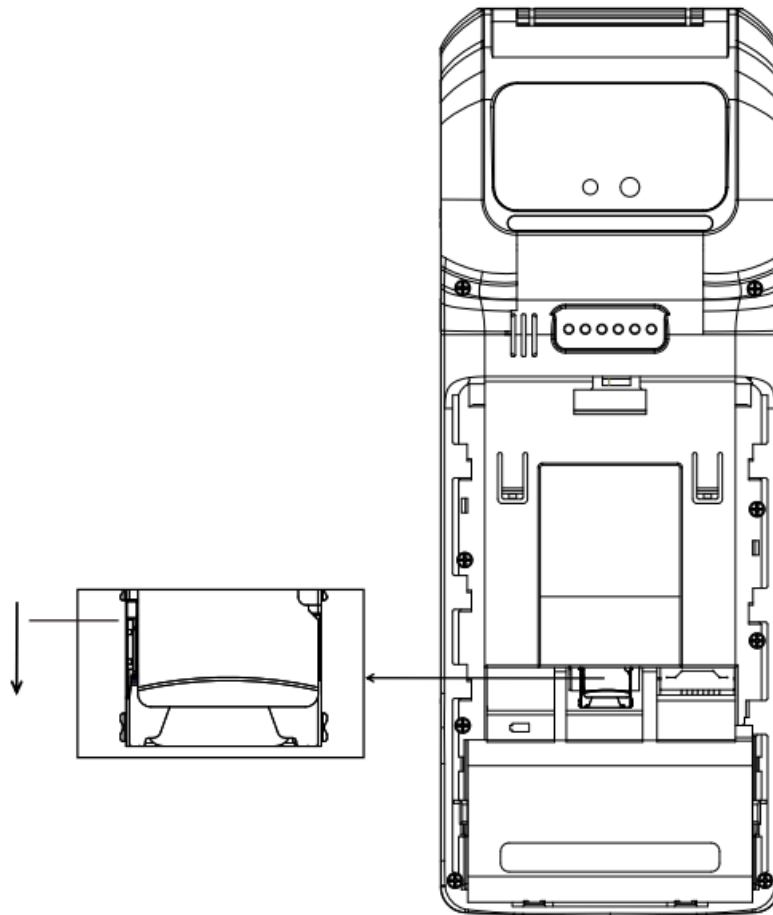
Qualified Certificate

Inspector :

- Manufacturer: YZ Intelligence Technology Co., Ltd.
- Address: Bldg.L2, WUT Park, East Lake Hi-Tech
- Development Zone Wuhan Hubei China
- Website: www.yzpos.com


Insert/Remove a SIM Card

1. Install the SIM card in the device's card slot by inserting it upward in the direction indicated by the device.
2. To remove the SIM card, use the paddle to move the card downwards in the middle slot, and press and hold the card and slide it downward in the remaining slots.



Power Charge

Connect the adapter, mobile power or PC, and the terminal using a USB line. Plug the adapter into a power outlet.

Power on the terminal. The terminal screen will display charging progress. After the terminal is fully charged, “” will display.

FAQ

The following operations can be used if you encounter any problems while using this device.

Common Fault	Solution
No Display	<ol style="list-style-type: none"> 1.Ensure that the battery is properly connected; 2.Ensure that the battery is charged.
Fail in contactless card reading	<ol style="list-style-type: none"> 1.Ensure that the card is capable of contactless operation. 2.Ensure that the card is swiped in the contactless area above the device when it is swiped. 3.Check to see if any other cards or devices are interfering.
Fail in IC card reading	<ol style="list-style-type: none"> 1.Ensure the IC interface is facing towards; 2.Check if there is foreign objects blocked in the slot or if IC card is inserted to the right position.
Communication Failures	<ol style="list-style-type: none"> 1.Ensure that the SIM card is properly inserted; 2.Check whether the SIM operator is supported locally; 3.Make sure the device is restarted and the network connection has been reestablished; 4.Ensure that you are able to connect to WIFI and access the network.
Printer not working	<ol style="list-style-type: none"> 1.Check if the printer paper cover is fully closed; 2.Ensure the paper roll is installed correctly.

If the above solutions do not solve an existing error, please contact customer service.

Precautions

Precautions	Notes
Safety Warning	<p>1.Connect the AC plug to the AC socket corresponding to the marked input of the power adapter;</p> <p>2.Do not use in the presence of any potentially explosive gas;</p> <p>3.Do not disassemble the terminal or any accessories by yourself.</p> <p>4.Please replace the batteries with the same type and rating to avoid battery explosion.</p> <p>5.Do not expose the battery in strong direct sunlight, near heat sources or any similar conditions.</p> <p>6.Do not place the terminal in fire.</p>
Important Safety Instructions	<p>1.Do not use AC powered terminal during an electrical storm. Battery powered devices may be used if all cables have been disconnected.</p> <p>2.Please turn off the power immediately if you notice abnormal odor, heat or smoke;</p> <p>3.Please check the appearance of the product, such as whether there are any abnormalities such as modifications to the monitor, keyboard, etc.</p>
Suggestion	<p>1.Do not use your terminal in a wet environment, for example, near a bath tub, sink, or swimming pool or in a wet basement;</p> <p>2.Do not spill food or liquids on your terminal;</p> <p>3.Do not use the terminal in extremely cold or hot environments, such as near flames or lit cigarettes;</p> <p>4.Do not drop, throw or bend the device;</p> <p>5.Do not place terminal together with computer disc, credit card, travel card or any other magnetic items; otherwise, the information stored in magnetic cards will be</p>

Suggestion	<p>affected;</p> <p>6.Please use a moist and anti-static cloth to clean the terminal screen;</p> <p>7.Use the terminal in a clean and dust-free environment if possible to prevent small items from falling into the terminal;</p> <p>Please recycle or dispose of old, weak, or worn batteries in accordance with local, regional, or national law or regulation.</p>
Warning	<p>This is a Class A product. This product may cause radio interference in living environments. In that case, the user may be required to take adequate measures against interference.</p>
Statement	<p>The Company does not assume responsibilities for the Damages caused by use and maintenance without complying with the conditions specified in this manual.</p>

FCC Statement

FCC Caution:

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.

IMPORTANT NOTE:

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 the 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.


FCC Radiation Exposure Statement:

Specific Absorption Rate (SAR) information SAR tests are conducted using standard operating positions accepted by the FCC 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 device while operating can be well below the maximum value. Before a new model device is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC, tests for each device are performed in positions and locations as required by the FCC. For body worn operation, this model device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 5mm from the body. Non-compliance with the above restrictions may result in violation of RF exposure guidelines.

CE Specification

Transmitter Frequency:	E-GSM 900: 880-915 MHz ,DCS 1800: 1710-1785 MHz WCDMA 2100: 1920-1980 MHz,WCDMA 900: 880-915 MHz LTE Band 1: 1920-1980MHz,LTE Band 3: 1710-1785MHz LTE Band 7: 2500-2570MHz,LTE Band 8: 880-915MHz LTE Band 20: 832-862MH,LTE Band 28: 703-748MHz LTE Band 38: 2570-2620MHz ,LTE Band 40: 2300-2400MHz Bluetooth/BLE: 2402-2480MHz 2.4G Wi-Fi: 2412-2472MHz 5G Wi-Fi: 5150-5250MHz, 5725-5850MHz NFC:13.56MHz
Receiver Frequency:	E-GSM 900: 925-960 MHz ,DCS 1800: 1805-1880 MHz WCDMA 2100: 2110-2170 MHz ,WCDMA 900: 925-960 MHz LTE Band 1: 2110-2170MHz,LTE Band 3: 1805-1880MHz LTE Band 7: 2620-2690MHz,LTE Band 8: 925-960MHz LTE Band 20: 791-821MHz,LTE Band 28: 758-803MHz LTE Band 38: 2570-2620MHz ,LTE Band 40: 2300-2400MHz Bluetooth: 2402-2480MHz 2.4G Wi-Fi: 2412-2472MHz 5G Wi-Fi: 5150-5250MHz, 5725-5850MHz GPS L1C/A;BDS, B1I:1559-1610 MHz NFC:13.56MHz
RF-Output Power : ERP/EIRP/ Conducted	E-GSM 900: 33.14 dBm(GMSK),25.95 dBm(8PSK) DCS1800: 29.43 dBm(GMSK),24.23 dBm(8PSK) WCDMA 2100: 23.05 dBm,WCDMA 900:23.89 dBm LTE: 22.9 dBm(B1),3.8 dBm(B3),22.5 dBm(B7), 23.8 dBm(B8), 23.8 dBm(B20),24.2 dBm(B28),22.5 dBm(B38), 21.9dBm(B40) Bluetooth: 4.17 dBm,BLE: -2.32 dBm 2.4G Wi-Fi: 16.12 dBm 5G Wi-Fi: 16.73dBm(B1),10.5dBm(B4) NFC: 13.09dBuA/m @ 3m NFC:13.56MHz

Documents / Resources

	YZ Z6000 Smart POS Terminal [pdf] User Manual 2BHTL-Z6000, 2BHTLZ6000, z6000, Z6000 Smart POS Terminal, Z6000, Smart POS Terminal, POS Terminal, Terminal
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References

- yzpos.com
- [User Manual](#)

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