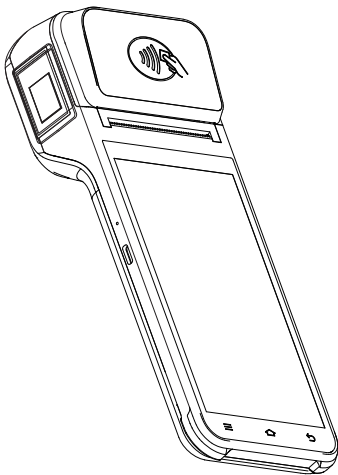


Z92 Smart POS

User Guide



Z92

Packing list

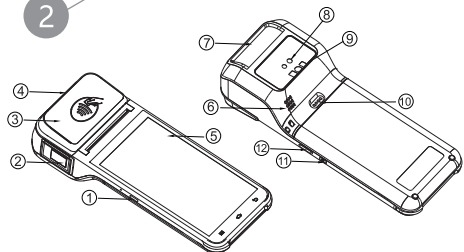
1

After opening the box, check all the components. If any are missing, or if the product description has missing pages or other issues that significantly impact readability, please contact the seller.

Item	Model\Spec	Quantity
Smart POS	Z92	1pc
Printer paper	57(width)* 40(≤40mm)	1pc
Charger	5V/2A	1pc
Usb charging cable	Type-c	1pc
User Guide	/	1pc

Terminal layout

2



- 1 . USB Type-C interface

2 . Fingerprint (Optional)

3 . Contactless card zone

4 . Print cover open position

5 . LCD screen

6 . Speaker
- 7 . Serial number label

8 . Camera

9 . Code Scanner (Optional)

10 . DC port for dock charging

11 . Power button

12 . Feed key/Code scanning button (Optional)

Quick entry

3

1. Open the device and connect with the network
2. Open the POS trade system
3. Choose the transaction amount
4. Swiping card
5. Enter password
6. Print the purchase order
7. Transaction is completed

User manual

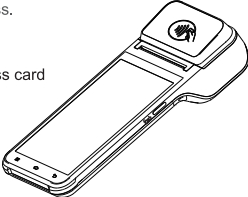
4

1. Powering on and shutting down the terminal.

Power On: Press and hold the power button until the LCD screen lights up. Then release the button; the terminal will start up.

Shutdown: Press and hold the power button until you see a prompt to shut down the system. Click Off to initiate the shutdown process.

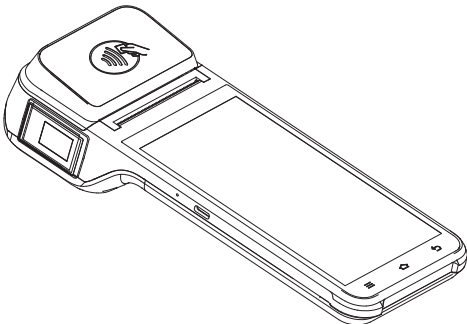
2. Swipe contactless card



As shown above, Please put the RFID cards on the RFID/NFC contactless card reader

Z92

3. Contactless card operation



Put the contactless card into the terminal area, you can finish swiping card immediately.

4. Printer

The printer prints the purchase order once the transaction is completed.

5. Charging the Terminal Battery

Use the USB cable provided with the machine to connect the terminal to a charger. This will allow you to charge the terminal's battery. If you plan to store the terminal for an extended period, it's recommended to shut down the terminal and charge it once every three months to maintain battery health.

Guidelines for using lithium battery

5

1. Avoid damaging the USB cable. If the cable becomes damaged, it could prevent the device from being used.
2. Always use the USB cable provided in the box to charge the terminal. Using other cables or chargers may expose the terminal to incorrect voltages and could potentially damage the equipment.
3. Do not expose the terminal to direct sunlight, high temperatures, humidity, or dust.
4. Keep the device away from any liquid.
5. Avoid inserting any foreign objects into the terminal interfaces as this can seriously damage the device.
6. If the terminal isn't functioning properly, please contact our technician. Users are not allowed to attempt repairs on the terminal themselves.
7. It is strictly forbidden to disassemble the terminal or use its external interface in explosive or hazardous environments.
8. To clean the terminal, gently wipe it with a damp cloth.

Warranty card

6

Device Model	
Customer's Name	
Device Recipient	
Customer Address	
Contact Number	
Serial Number	
Date of Purchase	

Post-sale Service Record			
Date	Service details	Technician	User's Signature

Attention	
1. Warranty Period: The device comes with a free warranty valid for 12 months from the date of purchase.	
2. Exceptions: The warranty does not cover damages caused by natural disasters, fires, or issues resulting from self-modification or misuse of the device.	
3. Scope: The free warranty service only applies to the original parts as configured at the time of purchase.	
4. Requirements: Warranty service will not be provided if the initial warranty card or the seal from the sales unit is missing.	

Caution:

Use the Product in the environment with the temperature Between -20℃ and 35℃; Otherwise, it may damage your product. Products can only be used below 2000m altitude

For the following equipment:

Product Name: Smart POS

Brand Name: ZCS

Model No.: Z92

Shenzhen ZCS Technology Co.,Ltd.

E-mail: panzq@szzcs.com

hereby declares that this [Name: Smart POS, Model: Z92] is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.



The full text of the EU declaration of conformity is available at the internet address:
https://zcs-tms.oss-cn-shenzhen.aliyuncs.com/file/download/sdkFile/Z92_RED_Declaration%20of%20Conformity%20RED%20Directive%20Rev1.1.pdf

The product shall only be connected to a USB interface of version USB2.0 and that the connection to a power USB is allowed.

CAUTION
RISK OF EXPLOSION IF BATTERY IS REPLACED
BY AN INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING
TO THE INSTRUCTIONS

Adapter shall be installed near the equipment and shall be easily accessible.

Only can use adapter as below:

Adapter Model: GQ10-050200-ZGU

Input:AC110-240 50/60Hz 0.35A Output:DC5V2.0A

Dong Guan City GangQi Electronic Co.,Ltd.

The plug considered as disconnect device of adapter.

This product is intended for sale and application in a business environment.

RED Article 10 2

-This product can be used across EU member states

RED Article 10 10

-The product is class 1 product, No restrictions

The RF distance between body and product is 0mm

Technical Characteristics of EUT	
2G	
Support Networks:	GSM, GPRS, EDGE
Support Bands:	GSM900, DCS1800
Frequency Range:	GSM900: Tx: 880-915MHz, Rx: 925-960MHz

	DCS1800: Tx: 1710-1785MHz, Rx: 1805-1880MHz
Modulation Type:	GMSK, 8PSK
Type of Antenna:	FPC Antenna
Antenna Gain:	GSM900: -1.21dBi, DCS1800:-2.09dBi
GPRS/EDGE Class:	Class 12
3G	
Support Networks:	WCDMA, HSDPA, HSUPA
Support Bands:	WCDMA Band 1, WCDMA Band 8
Frequency Range:	WCDMA Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	WCDMA Band 8: Tx: 880-915MHz, Rx: 925-960MHz
Modulation Type:	BPSK, QPSK, 16QAM
Antenna Type:	FPC Antenna
Antenna Gain:	WCDMA Band 1: 2.15dBi, WCDMA Band 8: -1.21dBi
4G	
Support Bands:	FDD-LTE Band 1, 3, 7, 8, 20, TDD-LTE Band 40
Frequency Range:	FDD-LTE Band 1: Tx: 1920-1980MHz, Rx: 2110-2170MHz
	FDD-LTE Band 3: Tx: 1710-1785MHz, Rx: 1805-1880MHz
	FDD-LTE Band 7: Tx: 2500-2570MHz, Rx: 2620-2690MHz
	FDD-LTE Band 8 Tx: 880-915MHz, Rx: 926-960MHz
	FDD-LTE Band 20 Tx: 832-862MHz, Rx: 791-821MHz
	TDD-LTE Band 40: Tx: 2300-2400MHz, Rx: 2300-2400MHz
Modulation Type:	QPSK, 16QAM
Antenna Type:	FPC Antenna
Antenna Gain:	FDD-LTE Band 1: 2.15dBi, FDD-LTE Band 3: -2.09dBi, FDD-LTE Band 7: 1.33dBi, FDD-LTE Band 8: -1.21dBi, FDD-LTE Band 20: -2.04dBi, TDD-LTE Band 40:-0.66dBi,
Wi-Fi (2.4GHz)	
Support Standards:	802.11b, 802.11g, 802.11n-HT20/40
Frequency Range:	2412-2472MHz for 802.11b/g/n(HT20) 2422-2462MHz for 802.11n(HT40)
Type of Modulation:	CCK, OFDM, QPSK, BPSK, 16QAM, 64QAM
Quantity of Channels	13 for 802.11b/g/n(HT20), 9 for 802.11n(HT40)
Channel Separation:	5MHz
Type of Antenna:	FPC Antenna
Antenna Gain:	1.0dBi
Bluetooth	
Bluetooth Version:	Bluetooth V5.0
Frequency Range:	2402-2480MHz
Type of Modulation:	GFSK, $\pi/4$ DQPSK, 8DPSK
Data Rate:	1Mbps, 2Mbps, 3Mbps
Quantity of Channels	79/40
Channel Separation:	1MHz/2MHz

Type of Antenna:	FPC Antenna
Antenna Gain:	1.0dBi
NFC	
Frequency Range:	13.56MHz
Modulation:	ASK
Type of Antenna:	FPC Antenna
Antenna Gain:	0dBi
Transmitter Product Class	1
GPS	
Frequency Range:	1575.42MHz Receiving

FCC Radiation Exposure Statement:

This device meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health. The SAR limit of USA (FCC) is 1.6 W/kg averaged. Device types: Smart POS (FCC ID: 2A8NR-Z92) has also been tested against this SAR limit. SAR information can be viewed on - line at <http://www.fcc.gov/oet/ea/fccid/>. Please use the device FCC ID number for search. This device was tested simulation typical 5mm to body. To maintain compliance with FCC RF exposure requirements, use accessories should maintain a separation distance between the user's bodies mentioned above, the use of holsters and similar accessories should not contain metallic components in its assembly, the use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

FCC Warning

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 1: 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 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.