



User Manual

HK9600

All-in-One POS



Qingdao Histone Intelligent Commercial System Co. ,Ltd.

Notes for Users

Thank you very much for choosing our POS device. Please read this manual carefully before installing and using this product to have an in-depth understanding of its performance. Please keep this manual well so that you can refer to it in case of any problems in use in the future.

In order to improve our products, we will use new technologies, new components and new software as much as possible. Therefore, we reserve the right to make changes without notice. The features, functions and operations described in this manual may not be exactly the same as the performance of the machines sold by our company in various places. In some cases, the pictures are only prototypes of the equipment. Before using this manual, you should ask our company or dealer for the currently applicable information.

This device must be installed by after-sales service personnel or dealers. The Company shall not be held responsible for any consequences resulting from unauthorized alterations to this equipment or non-compliant replacement of connecting equipment and cables.

Warnings:

1. Static electricity may damage the host integrated circuits;
2. If the battery is not replaced properly, it may cause an explosion or serious damage. It must be replaced with the same or the same type of battery recommended by the manufacturer.

The manufacturer reserves the right to modify the contents of the manual without prior notice!

Product standard Number: Q/0202 RSR527

Product Standard Name: Commercial POS device

Catalogue

Notes for Users.....	1
01/ Product specifications.....	3
1. Application scope.....	3
2. Main configuration.....	3
Iii. Interfaces.....	4
4. Instructions for the Usage Environment.....	5
5. Dimensions.....	5
02/ Unpacking and inspection.....	5
03/ Instructions for Use.....	6
1. Connect the adapter.....	6
2. Power on/Off operations.....	6
3. Touchscreen Settings.....	6
4. Instructions for swiping the magnetic card on MSR.....	6
5. Instructions for RFID Contactless operation.....	7
05/ Notes.....	7
07/ Product componentLabeling Instructions.....	8
08/ Annex Details.....	11

01/ Product specifications

1. Application scope

Our POS device adopts an open system, flexible component structure and standard peripheral interface. The product is suitable for networked or standalone use in commercial enterprises such as supermarkets, convenience stores, hotels and guesthouses; All the main components are standard products, so the product quality is reliable, the system is easy to upgrade, the components are easy to maintain, and the reasonable cost performance makes it more competitive compared with similar products.

2. Main configuration

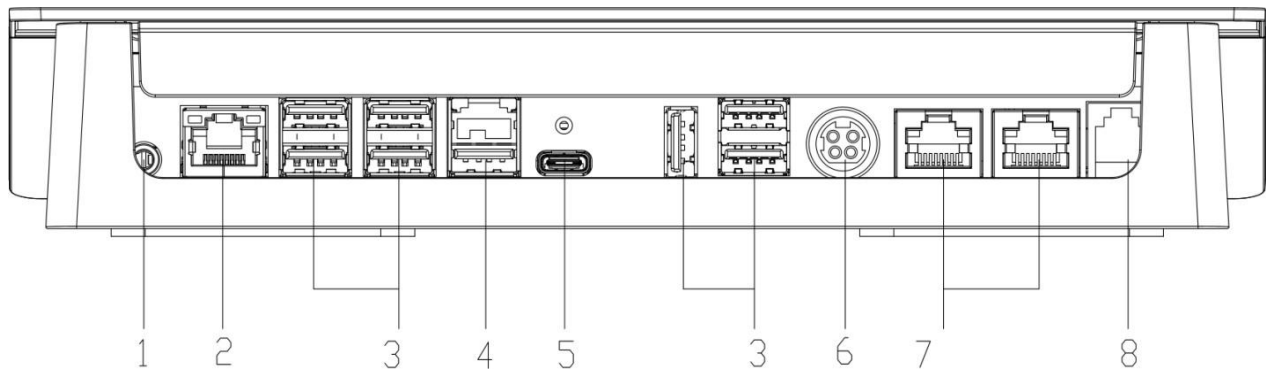
(Table 1-2-1 Product Configuration Table)

Categories	Components	HK9600
Host	Memory	Standard 8G DDR5, expandable to 16G
	Storage	Standard 128G SSD, expandable to 512G
	Operator display	15.6 "FHD LCD, resolution 1920*1080, capacitive touchscreen (optional)
	Ethernet	1000M Ethernet
	Customer display	10.1 "FHD LCD, resolution 1280*800, capacitive touchscreen (optional)
		VFD (optional)
Peripherals	Magnetic card reader	Magnetic stripe card reader /RFID contactless card reader
	Fingerprint reader	Fingerprint reader

System	Operating system	Windows 10 LTSC/Windows 11 LTSC/Linux
--------	------------------	---------------------------------------

3 Interfaces

1) HK9600 motherboard interface



(Figure 1-3-1, Schematic diagram of interface for HK9600 model)

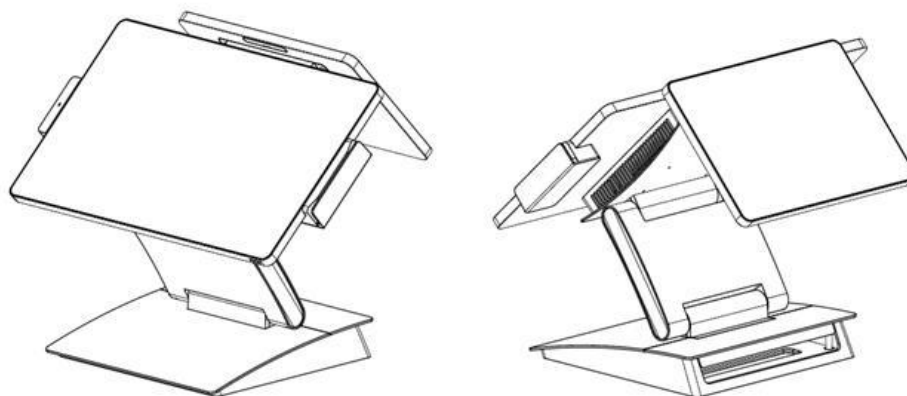
- | | |
|--------------------|---------------------|
| 1. Audio interface | 2. LAN Port |
| 3. USB Port | 4. Power USB |
| 5. Type-C | 6. 24V IN |
| 7. COM Port | 8. CASH_DRAWER Port |

4. Instructions for the Usage Environment

(Table 1-4-1 Usage Environment Instructions)

Category		Notes
Usage environment	Voltage	AC 100-240V 50-60Hz two-pole with
	Operating	0 °C to 40 ° C
	Operating	35% to 80%
	Storage	-20 ° C to 55 ° C
	Storage	20% to 93%

5. Dimensions



(Figure 1-5-1, dual screens, maximum size:, length × width × height:
398*312*323)

02/ Unpacking and inspection

- Before opening the box, first check if the outer packaging box is intact and if there is any obvious damage. If so, contact the dealer promptly for resolution.
- Remove the machine from the carton and be careful not to bump the machine;
- Check the random accessories, which should include: power adapter, power cord, etc.
- Check the product for visible appearance defects such as scratches and dents;
- This equipment must be installed by technical service personnel or dealers.

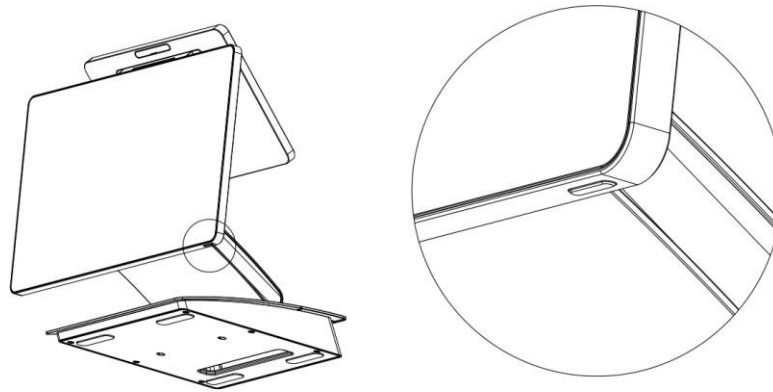
03/ Instructions for Use

1. Connect the adapter

- A. Open the cable compartment cover or pass the power supply line through the machine's cable hole (described depending on the model)
- B. Connect the adapter power output port to the main unit 24V IN.

2. Power on/Off operations

With the adapter plugged in, press the switch button on the bottom right rear side of the main screen (marked in the picture below). When the screen lights up and the button indicator light is on, you can turn it on.



(Figure 3-2-1, icon of the power button)

3. Touchscreen Settings

Touchscreen parameters are automatically set by default from the factory, and users do not need to set them themselves.

4. Instructions for swiping the magnetic card on MSR

- A. When swiping the card, the machine should be placed on a hard and level surface.
- B. Slide the magnetic stripe of the magnetic stripe card towards the inside through the card slot;
- C. Swipe the card smoothly and at a constant speed.



(Figure 3-4-1, illustration of card swiping operation)

5. Instructions for RFID Contactless operation

The contactless card sensing area is located behind the right side of the host (with contactless identification); When sensing a contactless card, place the card above the sensing area.

05/ Notes

- A. The POS device requires a well-grounded external power supply with a grounding resistance of less than 0.1Ω , and the equipment needs to be connected to a grounded three-pin national standard socket. If the power supply is not grounded or poorly grounded, it may cause the casing to be electrified, posing a safety hazard to the operator and affecting the stable operation of the POS device;
- B. During use, a three-hole power socket and UPS power supply that meet national standards and have CCC certification must be used. The ground wire must be well grounded and the power supply voltage must be stable. Confirm that the voltage provided by the socket is consistent with the voltage indicated on the nameplate of this machine.
- C. The machine should be used in a dry, well-ventilated, clean environment away from direct sunlight. Avoid blocking or covering the air outlet of the main unit, and require an air outlet channel with a certain opening;
- D. This product is Class A and may cause radio interference in a living environment. In such cases, it may be necessary for the user to take truly feasible measures against the interference;
- E. Do not extend the cable at will, replace parts, and contact our company or agents if necessary;

- F. Do not plug or unplug any live parts or peripherals of the POS device while it is powered on. The connection cables between the parts of the POS device should be securely inserted. If the plug has screws, tighten them.
- G. The RJ11 interface at the back of the main unit is connected to the cash box and is not a communication port. Users cannot use this port to dial up to the Internet.
- H. When an external USB drive is inserted, it should be disinfected first to prevent the host from being infected with a virus. Additionally, Android does not support portable hard drives.
- I. Do not frequently switch the host power on and off, as frequent switching can cause shock to the machine;
- J. Do not spill any liquid or drop any object.
- K. Do not press heavily, do vigorous exercise, shake or strike the POS device forcefully;
- L. If liquid is accidentally spilled or debris is dropped, immediately turn off the machine and cut off the power supply, remove the battery, dry the liquid or remove the debris, and reset the CMOS if the battery is removed;
- M. In case of safety faults such as odor, noise, leakage, etc., power should be cut off immediately and contact our after-sales service or agent for handling. When the POS device is not in use, it should be turned off and the power cut off. When shutting down, do not directly cut off the main power supply. Instead, exit the application first, turn off the main unit, then cut off the main power supply, and cover it with a dust cover.

07/ Product component Labeling Instructions

- A. This product meets the environmental protection requirements of the Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products;
- B. During the environmentally friendly usage period, there will be no leakage or release of harmful substances that may affect consumer health during consumer use, and consumers can use it with confidence;
- C. Waste recycling tips:

When you no longer need this product or when it is at the end of its life, please comply with the relevant national laws and regulations on the recycling and disposal of waste electrical and electronic products and hand it over to a local manufacturer with nationally recognized recycling and disposal qualifications for recycling and disposal. Recyclers are required to properly dispose of components containing hazardous substances and must not dispose of them at will;

D. Environmentally friendly usage period:

The environmentally friendly usage period of this product is 10 years.

(Table 7-1-1 Toxic and Hazardous Substances or Elements)

Components Name	Toxic or harmful substance or element									
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Hexavalent chromium (Cr6+)	Polybrominated biphenyls (PBB)	Polybrominated diphenyl ethers (PBDE)	DIBP	BBP	DBP	DEHP
Motherboard	0	0	0	0	0	0	0	0	0	0
Memory	0	0	0	0	0	0	0	0	0	0
Hard disk	0	0	0	0	0	0	0	0	0	0
Power supply	0	0	0	0	0	0	0	0	0	0
Display	0	0	0	0	0	0	0	0	0	0
"Guest display	0	0	0	0	0	0	0	0	0	0
Keyboard	0	0	0	0	0	0	0	0	0	0
Printer	0	0	0	0	0	0	0	0	0	0
Scan window	0	0	0	0	0	0	0	0	0	0
Fan	0	0	0	0	0	0	0	0	0	0
Horn	0	0	0	0	0	0	0	0	0	0
Printed circuit board	0	0	0	0	0	0	0	0	0	0
All kinds of cables	0	0	0	0	0	0	0	0	0	0
Cash Drawer	0	0	0	0	0	0	0	0	0	0
Chassis	0	0	0	0	0	0	0	0	0	0
Packing box	0	0	0	0	0	0	0	0	0	0

* This standard format is prepared in accordance with the provisions of SJ/T11364.

"0" indicates that the content of the toxic or hazardous substance in all homogeneous materials of the component is below the limit requirements specified in GB/T26572.

"X" indicates that the content of the toxic or hazardous substance in at least one homogeneous material of the component exceeds the limit requirements specified in GB/T26572.

Note:

Dibp-diisobutyl phthalate **BBP-butyl** phthalate

Dbp-dibutyl phthalate **dehp-di** (2-ethylhexyl) phthalate

08/ Annex Details

(Table 8-1-1 Attachment Details)

Serial Number s	Name	Units	Quantit y	Notes
1	Commercial POS device	pcs	1	
2	Power adapter	pcs	1	
3	Power cord	pcs	1	

FCC Statement:

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 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.

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 equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.



NORTH AMERICA

sales-us@shijigroup.com

Tel: +1 (404) 948-4001

EMEA

sales-eu@shijigroup.com

sales-uk@shijigroup.com

Tel: +49 89 716 718 510

LATAM

sales-latam@shijigroup.com

ASIA PACIFIC & MIDDLE EAST

sales-me@shijigroup.com

sales-ap@shijigroup.com

Tel: +65 6240 7400

CHINA

sales@shijigroup.com

Tel: +86 10 5932 5388 – 2

CANADA

sales-can.list@shijigroup.com

Check:



CONNECT WITH US



facebook.com/ShijiGroup



twitter.com/ShijiGroup



linkedin.com/company/shijigroup

Web site: www.shijigroup.com

©2023 Shiji Group. All rights reserved.

Various trademarks held by their respective owners.

