

User Manual for HK968A



Qingdao Histone Intelligent Commercial System Co., Ltd.

User Notice

Thank you very much for choosing our company's cash register. Before installing and using this product, please read this manual carefully to gain a thorough understanding of its performance. Please keep this manual well for future reference in case you encounter any usage problems.

To improve our products, our company will adopt new technologies, new components and new software as much as possible. Therefore, our company reserves the right to make changes without prior 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 regions. In some cases, the pictures are only prototypes of the equipment. Before using this manual, you should consult our company or the dealer for the current applicable information.

This equipment must be installed by after-sales service personnel or dealers. Our company shall not be held responsible for any consequences resulting from unauthorized alterations to this equipment or the replacement of connected devices and cables in violation of regulations.

Warning:

Static electricity may damage the integrated circuits of the mainframe.

If the battery is replaced improperly, it may cause an explosion or serious damage. Only the same type or a similar type recommended by the manufacturer should be used for replacement.

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

Product standard number: Q/0202 RSR527

Product standard name: Commercial Cash Register

Contents

User Notice 1

01/ Product Specifications.....	3
I. Scope of Application 3	
II. Main Configuration 3	
III. Interface 4	
IV. Description of Usage Environment 5	
V. Dimensions and Appearance.....	5
02/ Unpacking and Inspection.....	5
03/ Instructions for Use	6
I. Connection Adapter 6	
II. Startup and Shutdown Operations 6	
III. Touchscreen Settings 6	
IV. Instructions for MSR Magnetic Card Reading	6
V. Operating Instructions for RFID Contactless Cards	7
05/Notes and Precautions	7
07/ Product Component Labeling Instructions	8
08/Attachment Details.....	11
09/ Others	11

01/ Product Specifications

I. Scope of Application

Our company's cash register adopts an open system, flexible component structure and standard peripheral interfaces. The product is suitable for networked or stand-alone use in commercial enterprises such as supermarkets, department stores, convenience stores, hotels and guesthouses. All major components are standard products, ensuring reliable product quality, easy system upgrades, and simple and convenient component maintenance. The reasonable cost-performance ratio makes it more competitive compared with similar products.

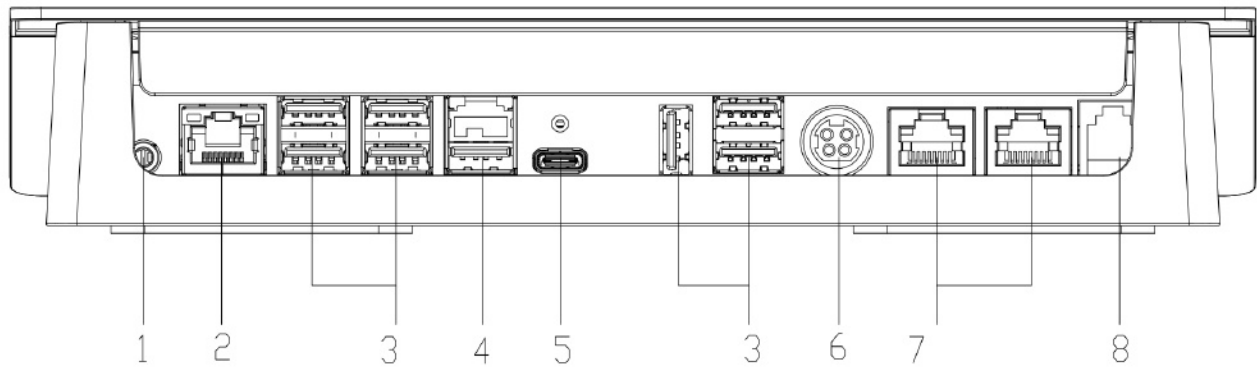
II. Main Configuration

(Table 1-2-1 Product Configuration Table)

Category	component	HK968A
System	Processor	N/A
	Memory	DDR5 8G up to 16G
	Storage	128G SSD up to 512G
	Operator display	15.6" FHD LCD with a resolution of 1920*1080 and capacitive touch
	Ethernet	1000M Ethernet
	Customer display	10.1" FHD LCD with a resolution of 1280*800 and capacitive touch screen (optional)
		VFD (optional)
Peripheral device	Magnetic card reader	Magnetic stripe card reader / RFID reader
	Fingerprint reader	Fingerprint reader
system	operating system	Windows 11 LTSC/ Windows 10 LTSC/Linux

III. Interfaces

1) HK968A Motherboard Interfaces



(Fig. 1-3-1, Interface Diagram of HK968A Model)

1. Audio interface

2. LAN

3. USB

4. Power USB

5. Type-C

6. 24V IN

7. COM

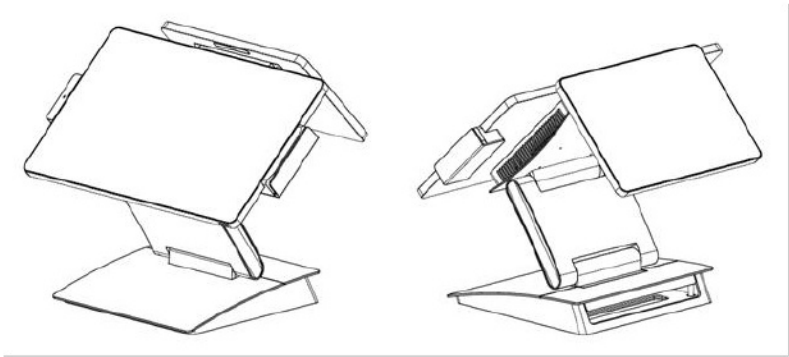
8. CASH_DRAWER

IV. Environmental Conditions for Use

(Table 1-4-1 Description of Usage Environment)

Category		Explanation
Environment	Voltage	AC 100 - 240V 50 - 60Hz, two-pole with ground
	Working temperature	0°C to 40°C
	Working humidity	35% to 80%
	Storage temperature	-20°C to 55°C
	Storage humidity	20% to 93%

V. Dimensions



(Fig. 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 undamaged. If there is any obvious damage, please contact the dealer in time to solve the problem.

- B. Take the machine out of the carton carefully, making sure it does not get knocked or bumped.
- C. Check the random accessories, which should include: power adapter, power cord, etc.
- D. Check whether the product has obvious defects such as scratches and dents on its appearance.
- E. This equipment must be installed by technical service personnel or dealers.

03/Instructions for Use

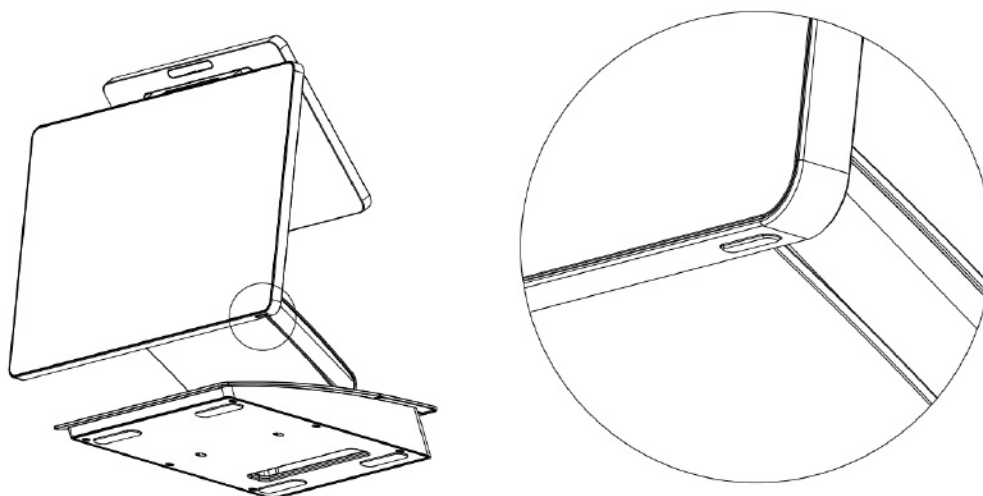
I. Connection Adapter

A. Open the wire compartment cover or pass the power cord through the machine's wire passage hole (depending on the model).

B. Connect the power output port of the adapter to the 24V IN port of the host.

II. Startup and Shutdown Operations

With the adapter properly connected, press the power button located at the bottom right rear of the main screen (as marked in the following picture). When the screen lights up and the indicator light of the button turns on, the device is successfully powered on.



(Figure 3-2-1, Illustration of Power On/Off Button)

III. Touchscreen Settings

The parameters of the touch screen have been automatically set at the factory by default. Users do not need to set them manually.

IV. MSR Magnetic Card Reading Instructions

When swiping the card, the machine should be placed on a hard and level surface.

B. Please swipe the magnetic stripe card with the magnetic stripe facing inward through the card slot.

C. The card swiping process should be smooth and at a constant speed.



(Figure 3-4-1, Illustration of Card Swiping Operation)

V. Operating Instructions for RFID Contactless Cards

The contactless card sensing area is located at the back of the right side of the main unit (marked with a contactless symbol). When sensing a contactless card, please place the card above the sensing area.

05/Notes

- The cash register requires that the external power supply be well grounded with a grounding resistance of less than 0.1Ω . The device must be connected to a three-pronged national standard socket with grounding. If the power supply is not grounded or has poor grounding, it may cause the casing to become electrified, posing a safety hazard to the operator and affecting the stable operation of the cash register.
- B. During use, a three-hole power socket and UPS power supply that comply with national standards and have CCC certification must be used. It is required that the ground wire be properly grounded and the power supply voltage be stable. Ensure that the voltage provided by the socket matches the voltage indicated on the nameplate of this machine.
 - C. The machine should be used in a dry, well-ventilated, clean environment free from direct sunlight. Do not block or cover the ventilation ports of the main unit. Ensure there is an open air outlet for the exhaust.
 - D. This product is a Class A device. In a domestic environment, it may cause radio interference. In such cases, the user may be required to take effective measures to address the interference.
 - E. Do not extend the cable or replace any components at will. If necessary, please contact our company or the agent.

F. Do not plug or unplug any powered components or peripherals of the cash register while it is powered on. Ensure that all connection cables between the components of the cash register are securely plugged in. If the plugs have screws, they must be tightened.

The RJ11 interface at the rear of the main unit is connected to the cash box and is not a communication port. Users cannot use this port for dial-up Internet access.

When an external USB flash drive is inserted, it should be scanned for viruses first to prevent the host from being infected. Additionally, the Android system does not support external hard drives.

I. Do not frequently turn the main power on and off. Frequent switching can cause shock to the machine.

J. Do not spill any liquid or drop any object into it.

K. Do not subject the cash register to heavy pressure, vigorous movement, shaking or hard knocking.

L. If liquid is accidentally spilled or foreign objects fall inside, please immediately turn off the device and cut off the power supply, remove the battery, dry the liquid or remove the foreign objects. If the battery is removed, the CMOS settings need to be reset.

In case of safety faults such as strange odors, abnormal noises, or leakage of electricity, the power supply should be cut off immediately and contact our after-sales service or agent for handling. When the cash register is not in use, it should be shut down and the power supply disconnected. When shutting down, do not directly cut off the main power supply. First, exit the application, then turn off the main unit and finally disconnect the main power supply, and cover it with a dust cover.

07/ Product Component Labeling Instructions

This product complies with the environmental protection requirements stipulated in the "Administrative Measures for the Restriction of the Use of Hazardous Substances in Electrical and Electronic Products".

B. Within the environmentally friendly usage period, there will be no leakage or release of harmful substances during the consumer's use that could affect their health, so it can be used with confidence.

C. Waste Recycling Tips:

When you no longer need this product or its service life has ended, 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 recycling and disposal company with national recognition for proper handling. The recycling company must properly dispose of components containing harmful substances and must not handle them at will.

D. Environmental protection usage period:

The environmental-friendly service life of this product is 10 years.

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 quipment 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.

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

Unit	Toxic and harmful substances or elements									
	Pb	Hg	Cd	Cr 6+	PBB	PBDE	DIBP	BBP	DBP	DEHP
Motherboard	O	O	O	O	O	O	O	O	O	O
Memory	O	O	O	O	O	O	O	O	O	O
Hard disk	O	O	O	O	O	O	O	O	O	O
power supply	O	O	O	O	O	O	O	O	O	O
Monitor	O	O	O	O	O	O	O	O	O	O
Customer Display	O	O	O	O	O	O	O	O	O	O
keyboard	O	O	O	O	O	O	O	O	O	O
Printer	O	O	O	O	O	O	O	O	O	O
Scanner	O	O	O	O	O	O	O	O	O	O
Fan	O	O	O	O	O	O	O	O	O	O
Speaker	O	O	O	O	O	O	O	O	O	O
PCB	O	O	O	O	O	O	O	O	O	O
Cables	O	O	O	O	O	O	O	O	O	O
Cash box	O	O	O	O	O	O	O	O	O	O
Computer case	O	O	O	O	O	O	O	O	O	O
Packing box	O	O	O	O	O	O	O	O	O	O

This standard format is compiled in accordance with the provisions of SJ/T11364.
 "O" indicates that the content of the toxic and harmful substance in all homogeneous materials of this component is below the limit requirements stipulated in GB/T 26572.
 "X" indicates that the content of the toxic or hazardous substance in at least one homogeneous material of the component exceeds
 The limit requirements stipulated in GB/T 26572.

Note:

DIBP - Diisobutyl phthalate

DBP - Dibutyl phthalate

- Butyl benzyl phthalate
DEHP - Di(2-ethylhexyl) phthalate

08/Accessories Annexes

No.	Item	unit	Qty	Note
1	Commercial cash register		1	
2	Power adapter		1	
3	Power cord		1	

09/Other

For the drivers of other peripheral devices, please refer to the random CD included with this batch of products. You can also visit the Haishi Commercial website or call the national unified hotline of Haishi Commercial.

Histonetec Commercial Website: www.histonetec.com

24-hour customer service hotline: 4006-585-11

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 quipment 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.

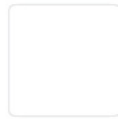
Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

24h
Serving

24-hour user service hotline

4006-585-111



HiStone

Qingdao Histone Intelligent Commercial System Co. ,Ltd.

Headquarters Address: Qingdao, China

Website: www.histonetec.com