Histone HS710 Self - Checkout terminals User Manual

Ⅰ. User statement

Thank you very much for choosing Histone self-checkout POS terminal. Before installing and using the product, please read this manual in detail to have an deep understanding of its performance. Please keep this manual for reference in future if you encounter problems.

In order to improve the products, we will use new technology, new components and new software as far as possible. Therefore, the company has the right to change without notice. The features, functions and operations which are described by this manual may be different from the machines which are sold all over the world, in some cases, the picture is just a prototype machine, before using this manual, you shall ask the company or dealers for the applicable information.

The equipment must be installed by after-sales service staff or distributors. The company shall not be liable for any consequences arising from the alteration or replacement of the equipment and cables without authorization.

☆ Being in using process we must use three-hole socket (or UPS power supply) which accord with CE \FCC or other local security certification, ground wire must be connected correctly, the supply voltage must be stable, confirm the socket provides the voltage to correspond to voltages of the machine.

☆ The power supply of the machine must be put properly, it cannot be placed where people move frequently.

☆ It is forbidden to insert any cable in lightning weather.

☆ Do not sprinkle any liquid or drop into any object.

☆ Do not press the screen, shake violently or force the self-checkout POS terminal to prevent damage to the machine or people.

☆ Do not switch the power supply frequently, which can easily damage the machine.

☆ Do not unplug any live parts or peripherals of the machine under the working state; make sure the wire cables between different parts of the machine are fasten firmly.

☆   The self-checkout POS terminal is equipped with 80mm thermal printer, and the user shall prepare the thermal printer paper by themselves.

☆   Do not extend cables or replace parts by yourself, please contact Histone or agents if there is any special requirement.

☆   The machine should work in a dry, ventilated, clean, without sunlit environment.

☆   If you accidentally spill the liquid or drop into the sundries, please immediately turn off the machine and disconnect the power, dry the liquid or remove the sundries.

☆   If there is a safety failure, such as peculiar smell, abnormal sound, leakage of electricity, etc., disconnect the power supply immediately and contact the after-sales service or agent of our company.

☆   If the equipment is moved from the high temperature environment to the low temperature environment, it is easy to have condensation, so the machine must be put in the normal environment for at least 2 hours after it is moved from the high temperature environment.

☆   when inserting external U disk or other disks, kill virus firstly to avoid the host being infected by virus which can lead to the damage to customers.

☆   When the machine is not in use, the machine should be turned off and cut off power, cover the dust cover, and properly keep the machine key.

☆   When the machine is used for a long time or full of dust, please wipe the stainless steel surface with alcohol to remove the dirt.

☆   The manufacturer has the right to modify the contents of the manual without prior statement!

Ⅱ. Product Introduction

1. Overview

Histone HS710 Self - Checkout terminals, provide a full self-service one-stop shopping overall solution,It relieves the cashier from heavy traditional cash registers, improves customer shopping experience, and improves retailer operational efficiency.

Hardware, Integrated structural design can allows customers to scan, bagging and payment through bank cards and other electronic means to complete the payment by themselves. Highly integrated module design make the detection and maintenance of the module to be more convenient.

Software, user-friendly interface, vivid guide animation, sound and text to guide customers a better customer experience, regardless of customer operations or the background administrator,
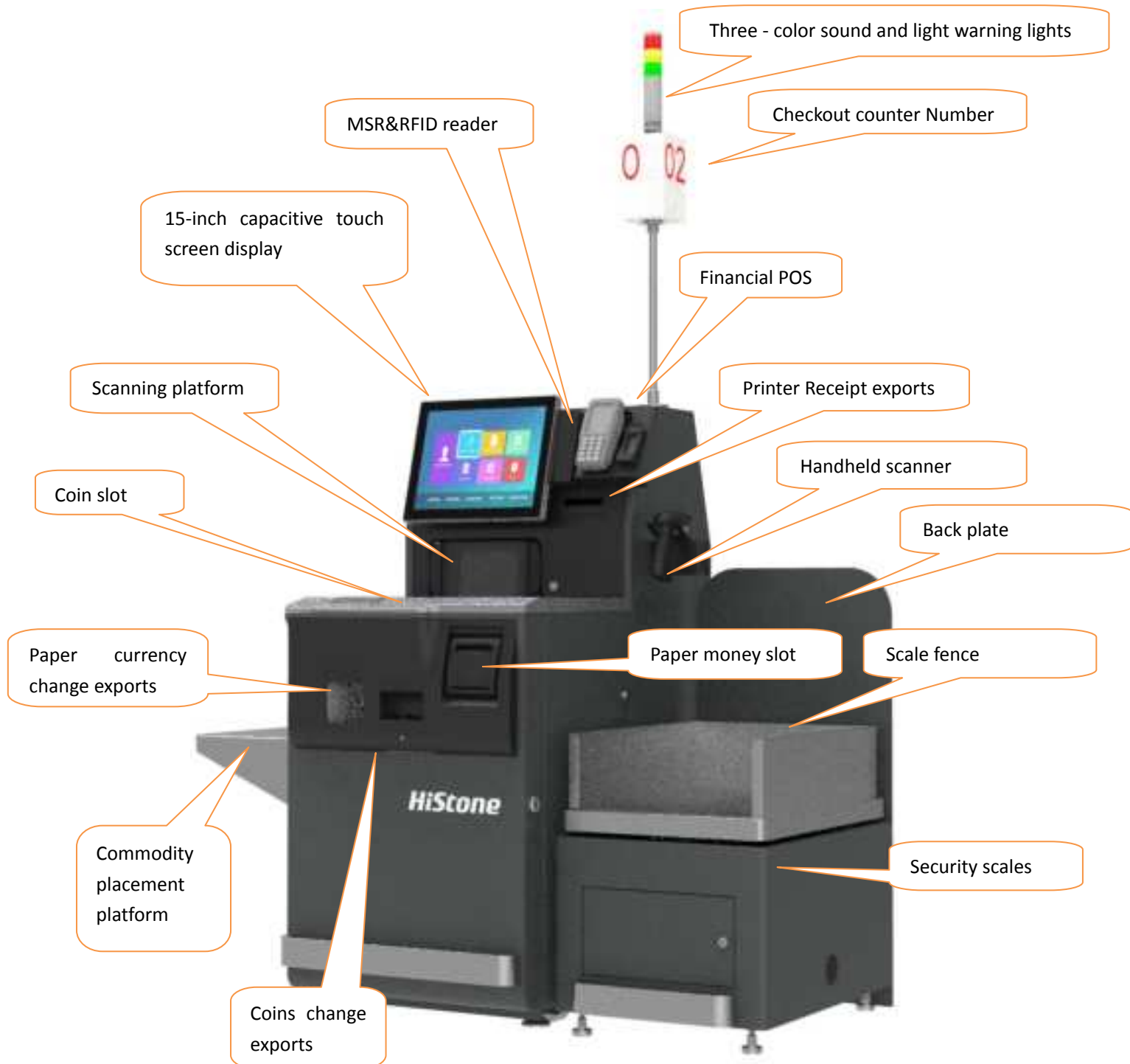
they do not need professional training, can be used flexibly after watching video or read the manual . It supports membership cards and a variety of promotional methods, support for credit cards, stored value cards, shopping cards and cash and many other payment methods. It has a unique weighing loss prevention, by checking the weight of goods to verify whether the goods are scanned correctly, self-built weight database and weight automatic learning function to ensure the safety of self-service cash register system.

2. Key feature

◆Integrated structural design, easy to use, fast and convenient.

◆Large roll design to reduce the number of exchange of paper.

◆Support for cash payments, bank card payments, WeChat payment, Alipay payment, coupon payment and other payment methods.

◆Support for external Various financial POS that Acquirer authorized.

◆Cash Processing Section using the world's leading cash module, safe and reliable.

◆Using 15-inch high-definition LCD screen, with high-precision capacitive screen.

◆Modular design, increase or decrease the relevant modules according to customer demand .

◆Equipped with advanced security weighing module, which can effectively help customers for loss prevention.

◆Extendable EAS anti-theft feature ,suitable for Sensormatic and Checkpoint device, further reducing the probability of stolen goods.

3. HS710 appearance and main components diagram

a)   HS710 appearance and main components diagram

Three - color sound and light warning lights

MSR&RFID reader

Checkout counter Number

15-inch capacitive touch screen display

Financial POS

Scanning platform

Printer Receipt exports

Coin slot

Handheld scanner

Back plate

Paper currency change exports

Paper money slot

Scale fence

Commodity placement platform

Security scales

Coins change exports

b) HS710 configuration table

HS710 configuration table		
NO.	**NAME**	**Specification**
1	Industrial-grade host	CPU: Intel i3-6100u dual-core 2.3GHz; Memory: 4GB; hard drive: 128GB SSD; Number of serial ports: 6; Number of USB ports: 8.
2	Display	15-inch capacitive touch screen.

3	Image-based dual-window scanning platform	Supports all standard 1D codes; Support common 2D code: Aztec Code, Data Matrix, QR Code, Micro QR Code; Support reading and reading on-screen 1D and 2D bar code; Tone: Adjustable volume.
4	LED Three - color sound and light warning lights	Color: red, yellow, green; Alert: Yes.
5	Thermal printer (Optional)	Print width: 80mm; Maximum paper roll: 15 cm; Print Resolution: 203 * 203DPI; Printing speed: 150mm / s; Print media: continuous paper, black label paper; Barcode Type: 1D code, 2D code.
6	Coin circulation module	Processing mode: consumer coin can be found as change; Number of single coin: up to 100; Coin Box Capacity:> 1000 pieces Troubleshooting: smart card and coin detection and removal; Coin Supplement: manual coin Supplement or smart coin Supplement from the coin slot.
7	Paper money Receiving module	Cassette capacity: 1000; Paper money recognition rate: 98%; Paper money insertion direction: 4 direction; Single bill processing time: <3 seconds; Security lock: support customers to choose; Certification Type: UL, CE, RoHS.
8	Paper money change module	Delivery speed: 2-3 seconds each; 4 Cassette configuration: support four kinds of face value change; Cassette capacity: each cassette capacity of 500; Full stack of coins: up to 20; Maintenance: Convenient Coin Supplement, self-diagnosis, testing; Certification Type: CE, RoHS.
9	Security electronic scales	Range: 60kg; Maximum error: 10g; Scale Taiwan area: 400 * 500mm;
10	UPS uninterruptible power supply (optional)	Rated capacity: 1KVA; Input voltage: 115 ~ 300VAC; Input voltage frequency: 40 ~ 70Hz; Power factor:> 0.98; Output voltage: 220V $\pm$ 2%;

		Output voltage frequency: 50 ± 0.2%; Load power factor: 0.8 / 0.9; Standby time: 5 minutes at full load.
11	Other optional modules	External scanning gun; Financial Settlement POS; MSR module RFID card reader module; EAS anti-theft coil.

c)　Environmental requirements

Operating voltage: 100 ~ 264VAC;
Power consumption: average 150W, peak 250W;
The best working temperature range: 10-40 ℃;
Optimal operating humidity range: 30-75%;
Optimum storage temperature range: -550 ℃;
The best storage humidity range: 30-80%;
Altitude requirements: for 2000 meters above sea level and the following areas.

Ⅲ. Check and installation.

1. Open the box and check.

1) Before opening the box, check whether the wooden case is in good condition, and whether there is any obvious damage. If so, please contact the logistics or dealer in time to solve the problem ;

2) With tools such as screwdriver to open the wooden box, there are 4 foot cup in the base of HS710 self-checkout which are used as fixed plate to fix the machine to the wooden pallets before transportation. We must remove the fixed plate before moving the machine ;

3) Lift the machine off the wooden pallet, pay attention to the machine to avoid bumping and personal safety ;

4) Check the attachments including: 4 keys, 8 screws, 1 printer paper shaft, 1 warning light, 1 shopping basket carrier ;

5) Check whether the cabinet has obvious scratches, pits or other loss of appearance ;

6) When you need to move the device after checking, You need to raise the 4-foot cup at the bottom of the device so that 4 universal wheels can land, and then push the device to the desired location

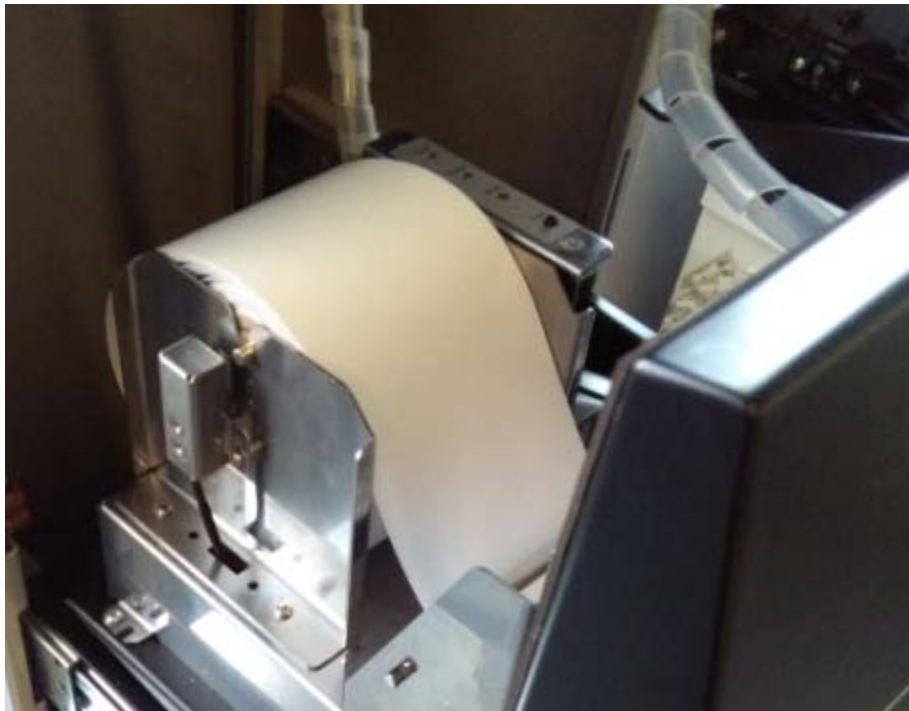|	
Locked	Mobile

2. System installation

The equipment must be installed by technical service personnel or distributors.

★ Requires external power supply has a good grounding, grounding resistance is less than 0.1 Ω, if there is no grounding or bad power supply. This will make the shell of the machine charged which will bring a safety hazard to operators and affect the stable operation of the self-checkout terminals.

★ The equipment is required to be placed where there has a power socket, network socket or wireless network.

★ Install the machine to the specified location.

★ Install warning light: open the front door lock with the key, insert the terminal and connecting line from the hole of the warning light to the machine, and then connect the terminal to the control board of the warning light, and screw the four screws.

★ Install printer paper shaft: install the paper shaft of the printer on the bracket.

★ Install shopping basket bracket：

★　　Make sure the switch on the socket of the machine is opened (the red circle below)

★　　If there is any other matter that is not mentioned, please contact our company or distributor.

Attachment: the name and content of harmful substances in the product.

Part name	Harmful substances					
	Lead and its compounds	Mercury and its compounds	Cadmium and its compounds	Hexavalent chromium compound	Polybrominated biphenyls（PBB）	Polybrominated Diphenyl Ethers（PBDE）
Chassis/Casing	×	○	○	○	○	○
Fan/Radiator	×	○	○	○	○	○
Printed circuit board assemblies	×	○	○	○	○	○
Hard drive	×	○	○	○	○	○
Cables/Wires、Connectors	×	○	○	○	○	○
Power equipment/Adapters.	×	○	○	○	○	○
Display	×	○	○	○	○	○
Keyboard	×	○	○	○	○	○
Printer	×	○	○	○	○	○
Cash drawer	×	○	○	○	○	○

* This form is prepared according to the provisions of SJ/T11364.

"○"：It is indicated that the content of the harmful substance in all homogeneous materials in the component is below the limit specified in GB/T26572.

"×"：It is indicated that this harmful substance exceeds the limit requirement of GB/T26572 in the content of at least one homogeneous material of the component.

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.

This equipment should be installed and operated with minimum distance 20cm between the radiator&your body.

Histone POS Website: https://www.hics.histonetec.com/