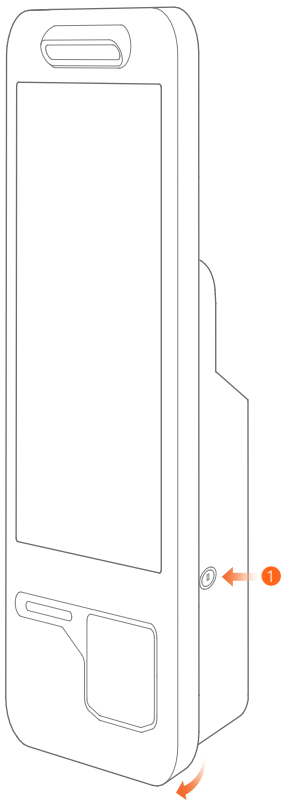
K1

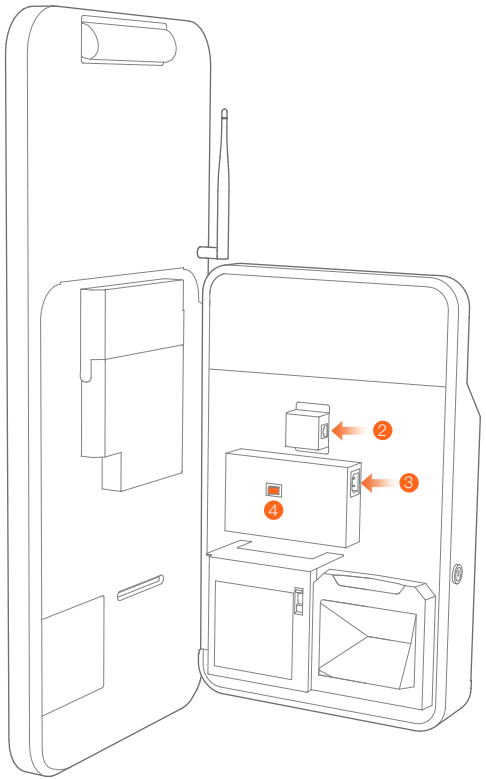
Kiosk User Manual Book

Before using this product, please read carefully this instruction manual and keep it properly.

Quick Install Guide



1 Open the panel with key



2 Plug the network cable into the network interface
3 Plug the power line into the power supply module
4 Turn on the complete machine power switch

notice：If involved voltage conversion , please contact professional staff or Sunmi

Minimalist Setting

Enable the smart commercial device, which only needs several steps

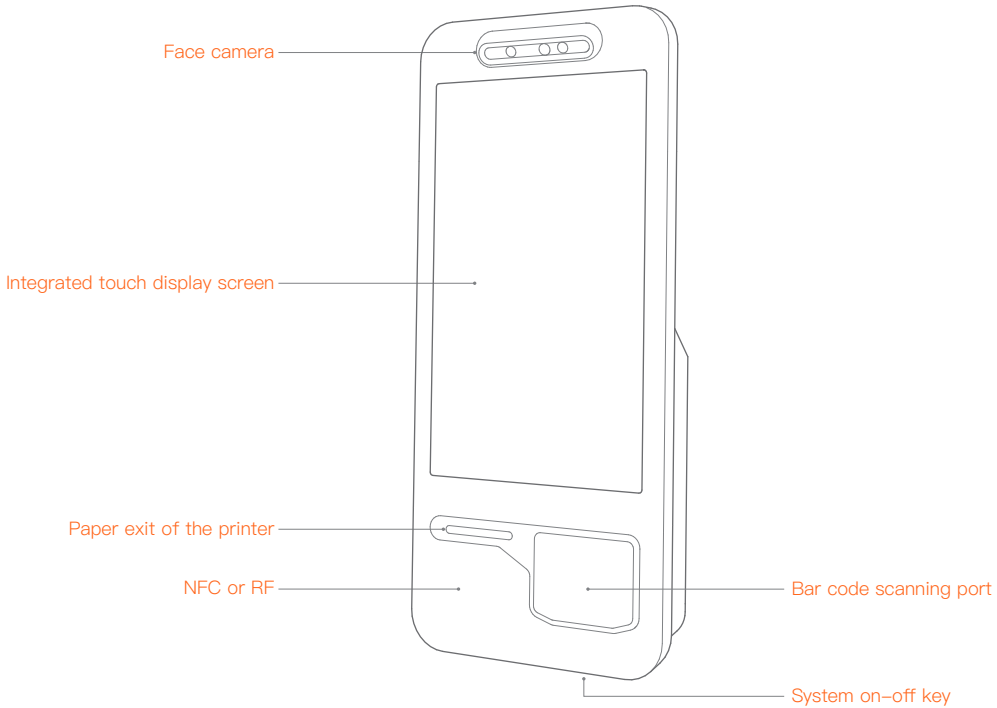
1. After turning on the complete machine power supply, the screen will be lit and you will enter the first boot interface, and just simply operate according to the instructions. There are above two types of Internet surfing modes available for the local machine to choose.
2. Wi-Fi setting
   - Click “Setting” button, then enable WLAN, enter WLAN search interface. Wait for its search and list the available WLAN hot spots;
   - Click WLAN to be connected and it is required to enter access password for connection if an encrypted network is selected.
3. LAN setting
   - After plugging in properly the network cable, click “Setting” button, click “Wired Network”, to choose Enable;
   - It is required to enter access password for connection if an encrypted network is connected.
   - As for IP address, there are two options: to automatically obtain IP & to manually enter IP address.

How to download/use App

This Self-Checkout Kiosk is applicable for the cashier environment of commercial customers in various industries, such as Chinese & Western catering industry, high-end department stores, supermarkets, convenience stores, information sites, interactive multi-media, etc. The relevant App can enable the App market under the Internet mode, browse & download App to simply complete the installation.

Please read the internal machine help App for more usage help

Brief Introduction of Self-Checkout Kiosk



Face camera
Camera used to shoot human face.

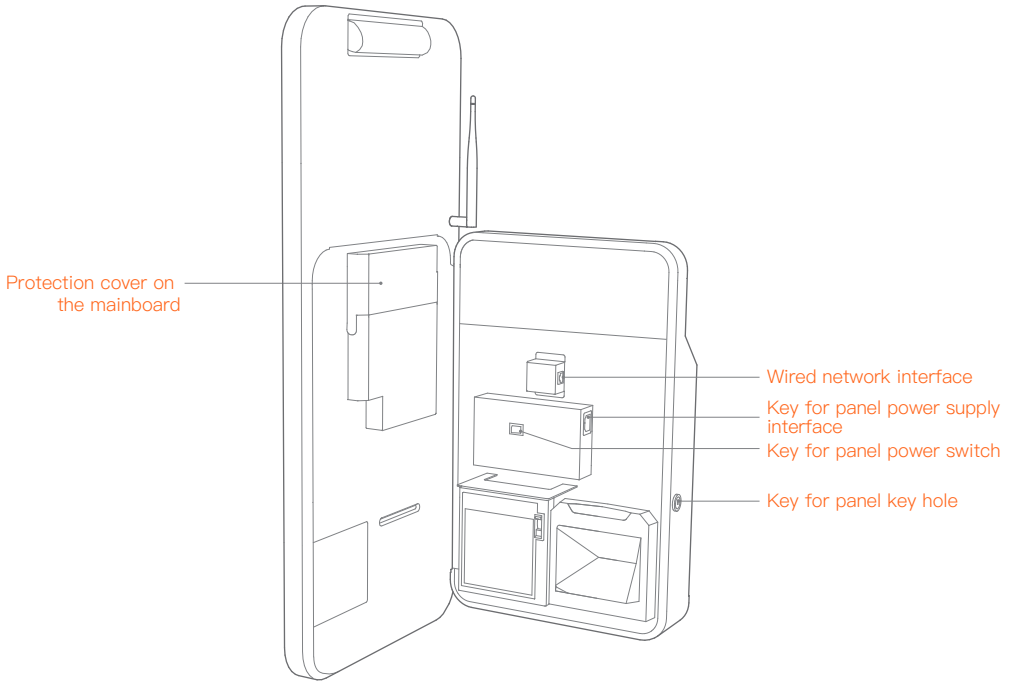
Integrated touch display screen
Touchable screen applied for customer usage.

Paper exit of the printer
Used to print receipts in the state of power-on.

NFC fo RF
• Optional, used for NFC payment or RF quick pass.

Bar code scanning port
Used to scan the bar codes of the goods or mobile phones.

System on-off key
In standby state, short press to boot, short press again to be in standby mode;
In service status, long press for 2 to 3 seconds, and you can choose to shut down or restart;
In the state of power-on, long press for 11 seconds, and power off to shut down the machine.



Protection cover on the mainboard
Inside the machine. And the mainboard external interfaces will be exposed after opening it, for example: USB port, TF card port, etc.

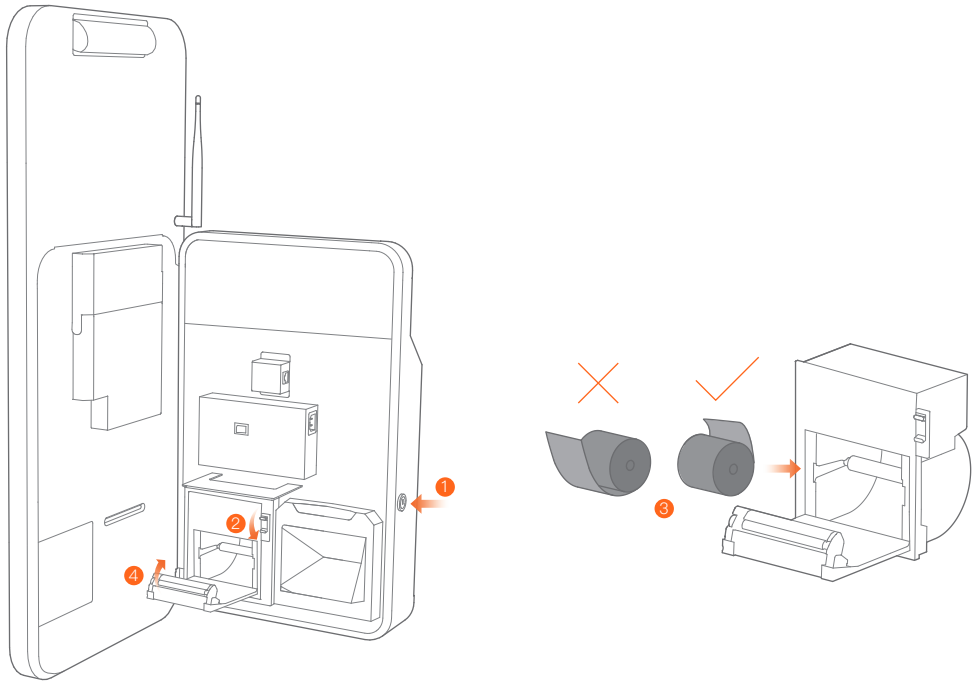
Key for panel key hole
Open the panel, and it is convenient to carry out the paper change operation & internal maintenance.

Wired network interface
Inside the machine. A wired network socket.

Key for panel power supply interface
On the power supply module. A complete machine power supply socket.

Key for panel power switch
On the power supply module. This switch controls the on-off of the complete machine power supply.

Paper Loading Steps of the Printer of Self-Checkout Kiosk



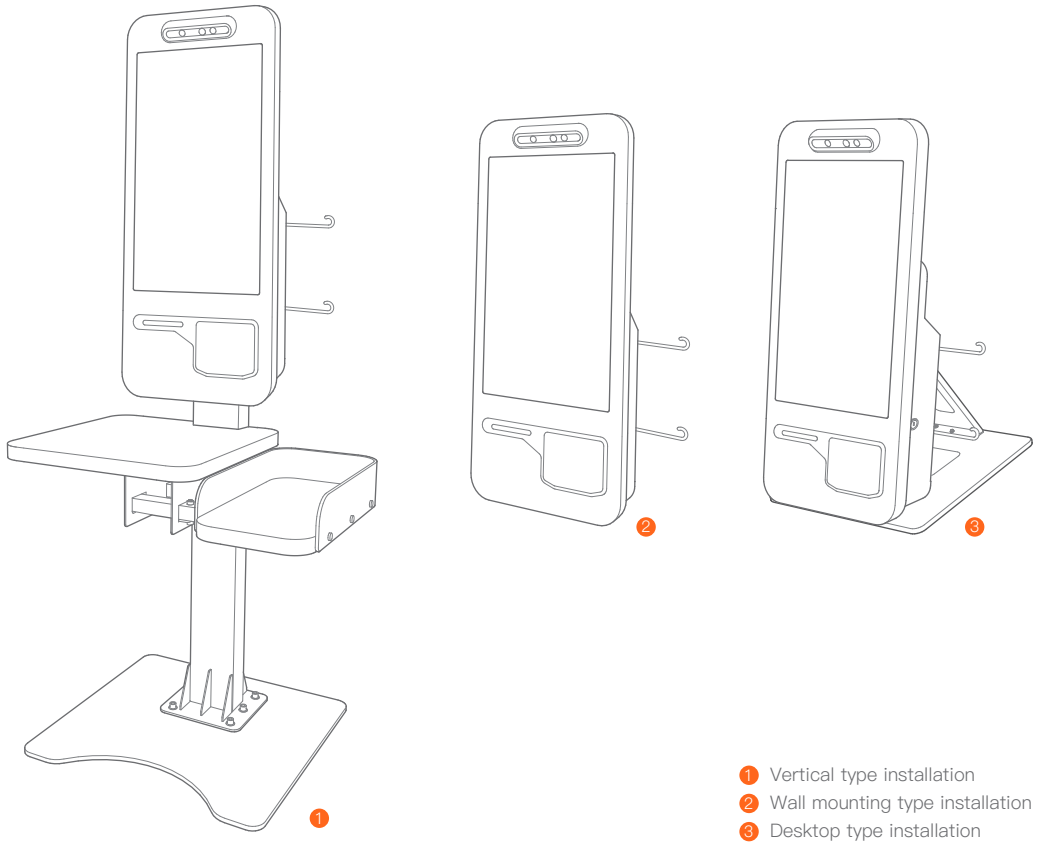
1. Open the host panel
   Open the host panel with key.

2. Open the printer bin gate
   Toggle downward the printer driving lever and open the printer bin gate.

3. Install the printing paper
   Place inward 80 mm thermal sensitive paper and pull out a section outside the printer port.

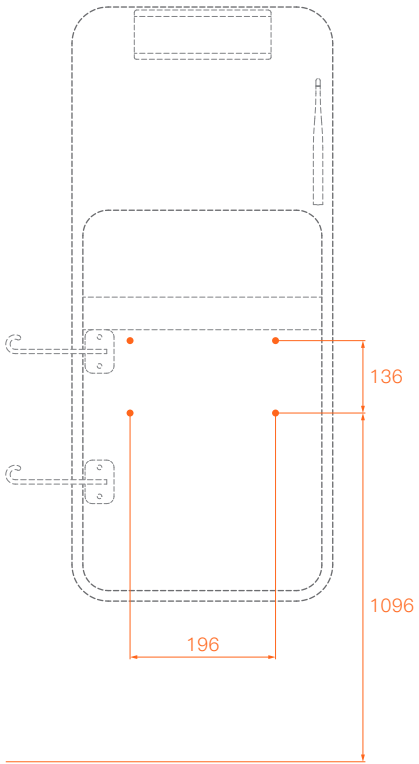
4. Close the bin gate and the panel
   Press both sides of the printer bin gate and close this gate. The printer will automatically cut paper in power on state. In power off state, it is necessary to manually tear off excessive paper;
   Close the host panel.

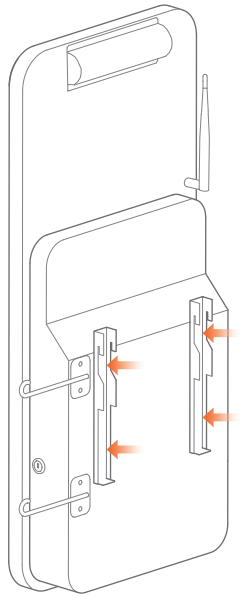
Three Types of Installation Methods Available for K1 Self-Checkout Kiosk

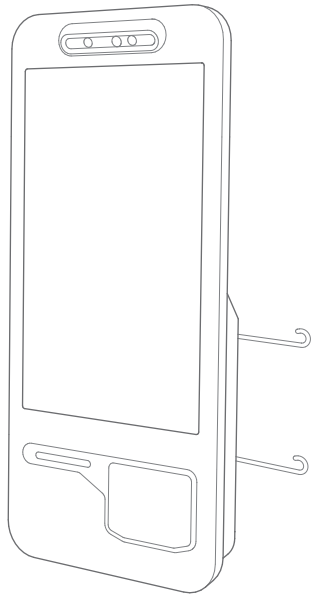


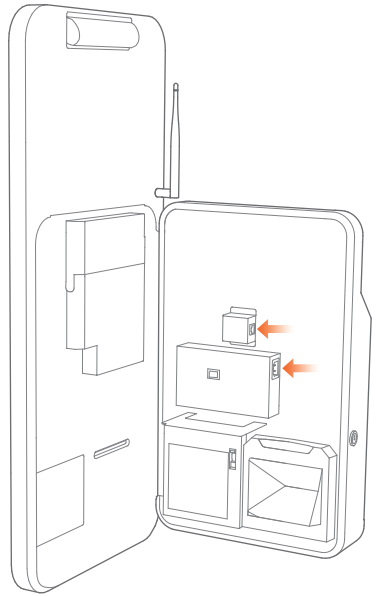
1. Vertical type installation
2. Wall mounting type installation
3. Desktop type installation

Installation Steps of wall mounting type complete machine









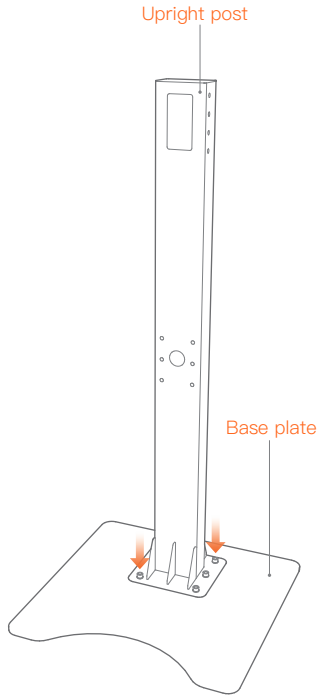
1 Install the wall–mounted rack
Drill holes according to the height described in the reference drawing.
Firmly fix the wall–mounted rack onto the wall surface.

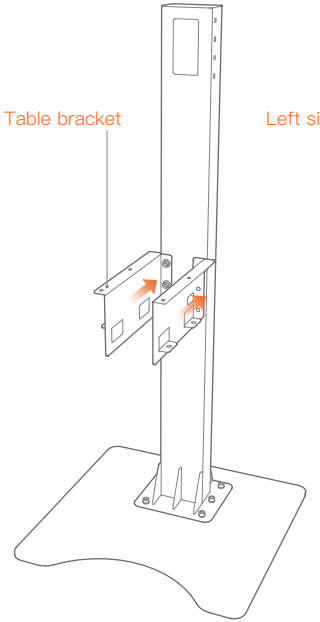
2 Install the rear mounted pieces of the host
Assemble the rear mounted pieces of the host onto the back side of the host.

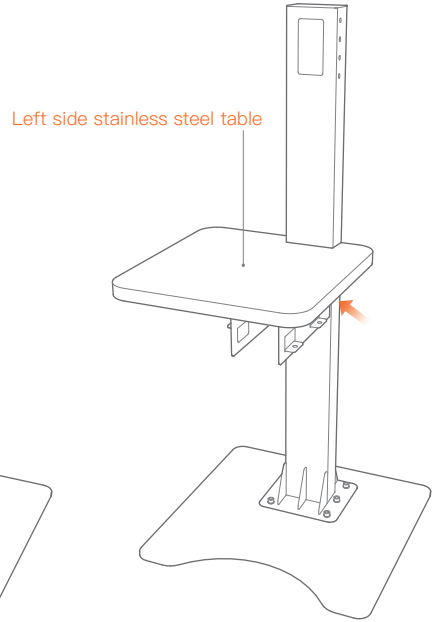
3 Mount the host well
Mount the host onto the wall–mounted rack.

4 Plug in of the cables
Pass the power line & network cable through the cabinet opening, and plug in the plug at the host end.

Installation Steps of Vertical Type Complete Machine







1 Install the upright post

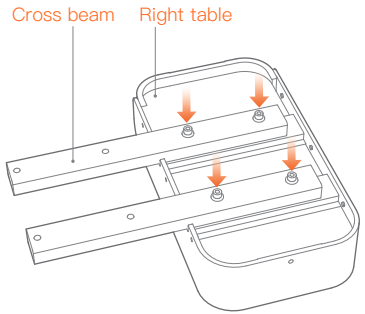
Install the upright post onto the base plate.

2 Install the left side table bracket

Assemble the table support member onto the upright post.

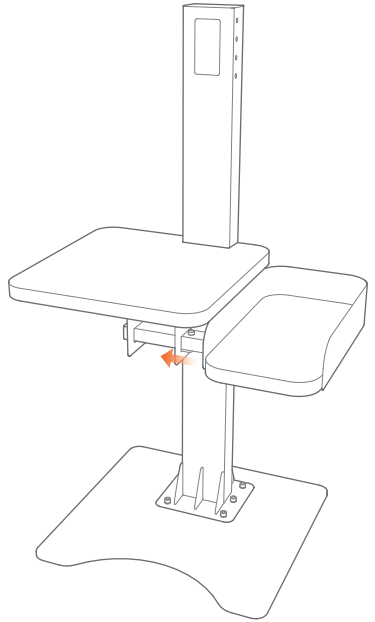
3 Install the left side table

Assemble the left side stainless steel table onto the table bracket.



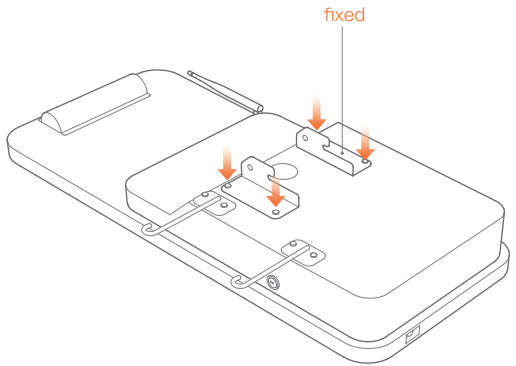
4 Assemble the right side table & cross beam

Assemble two cross beams onto the right side table.

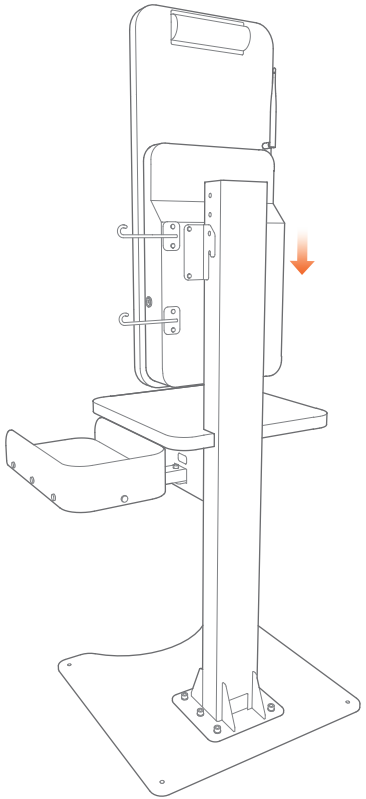


5 Assemble the right side table

Assemble the right side table onto the table bracket.



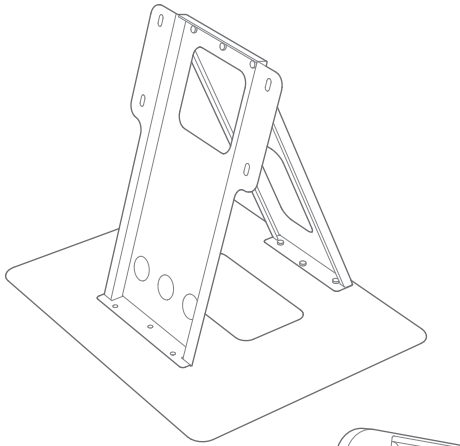
6 Install the fixed mounting elements



7 Mount the host onto the upright post

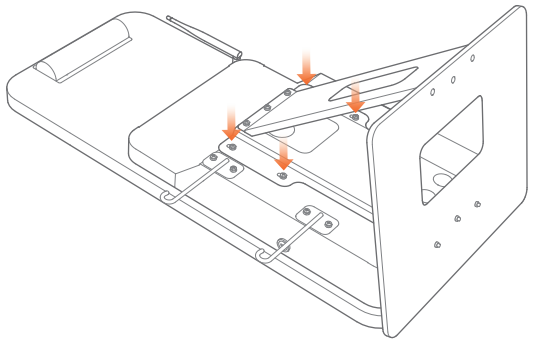
Pass the power line & network cable through the cabinet opening, and plug in the plug at the host end. The camera height after installation is suggested to be 1620 mm above the ground.

Installation Steps of Desktop Type Complete Machine



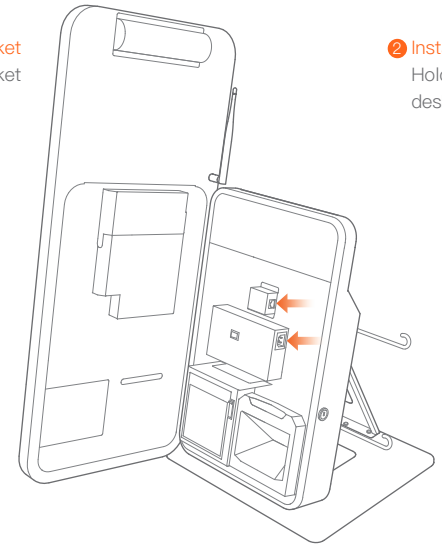
1 Assemble the desktop bracket

Assemble the desktop bracket into an assembly.



2 Install the bracket

Hold the host screen downward, install the desktop bracket onto the host backboard.



3 Plug in the cable

Pass the power line & network cable through the cabinet opening, and plug in the plug at the host end.

Basic Parameters of Self-Checkout Kiosk

Operating system	Android 7.1
Processor	Rockchip RK3288
Storage	Memory:2GB; store:16GB + TF card extension
Display screen	21.5’ TFT-LCD display screen, resolution: 1920*1080
Touch screen	Ten point touch control capacitive screen
WIFI	Single frequency 2.4G, support 802.11b/g/n
Bluetooth	Support Bluetooth 4.0 BLE and iBeacon
Face camera	Light camera with 3D structure
Printer	Printing head with 80mm width, paper roll with 80mm diameter, with automatic cutter
Bar code scanning	Vertical type platform scanner for 2D image
Horn	Dual track, 3W each
Power supply input	AC110V、AC220V
Operational environment	0℃~40℃，25%~90%
Storage environment	-20℃~55℃，93% (40℃, non-condensing)

Packing & Shipping Parameters of Complete Machine’s External Dimension

External dimension	Host: 36cm width x 11cm depth x 82cm height; vertical type complete machine: 36cm width x 11cm depth x 82cm height
Complete machine weight	Host only: 17.6 kg; vertical type complete machine: 64.8 kg
Packing dimension/weight (including package)	Host package: 47cm width x 91cm length x 21cm thickness, weight: 18.5 kg Vertical type package 1/3: 55cm width x 57cm length x 23.5 cm thickness, weight: 10 kg Vertical type package 2/3: 30cm width x 138cm length x 30 cm thickness, weight: 18 kg Vertical type package 3/3: 61.5cm width x 64.5cm length x 4 cm thickness, weight: 24 kg

The vertical type base is divided into 3 pieces in packing for ease of transportation.

Package Packing List of Self-Checkout Kiosk Host

- ☑ host × 1
- ☑ set of wall mounted type racks × 1(required in wall mounting)
- ☑ accessories box × 1
- ☑ piece of receipt paper Φ 80 mm x 60 mm × 1
- ☑ host power line × 1(national standard)
- ☑ host network cable × 1
- ☑ antenna × 1
- ☑ hooks × 2
- ☑ host keys × 2
- ☑ mounting screws × 9(Cross recessed pan head combination screw M5*14)
- ☑ power supply adapter × 1
- ☑ User Guide × 1(including packing content, product certificate of compliance)

Common Troubleshooting

Symptom	Solution
How to do when crashed	Long press the power key for 11 seconds, enter power off shut down, short press to restart.
The printer doesn’t work	Confirm that the paper storage cover is correctly closed; Confirm whether there is paper sticking fault.
The printing content is blank	Please check whether the paper roll has been reversed. Please check whether wrong thermal sensitive printing paper roll has been used.
Vague printing content	Please check whether the thermal head piece has been contaminated. If it has been contaminated, please use cotton swab dipped with absolute alcohol to carry out wiping. Please change the thermal paper with quality guaranteed, to avoid unclear printing caused by low paper quality.

Name & Content Identification Table of This Product's Toxic & Harmful Substance

Name of parts	Toxic and harmful substances and elements					
	(Pb)	(Hg)	(Cd)	(Cr(VII)	(PBB)	(PBDE)
Circuit board	×	○	○	○	○	○
Shell	○	○	○	○	○	○

○ :It indicates that the content of toxic and harmful substances in all homogeneous materials of this part is below the limit specified in SJ/T11363-2006.

× :It indicates that the content of toxic and harmful substances is higher than the limit specified in SJ/T11363-2006 in at least one homogeneous material of this part; however, the the reason why the toxic substance of that part exceeds the limit is that there is no applicable material to replace it currently.

For products that have reached or passed the service years for environmental protection, they should be recycled according to Measures for Control and Management of Electronic Information Products and should not be thrown away at will.

Manufacture
Room 505 No.388 Song Hu Road Shanghai, China

Points for Attention

Safety warning

• Please plug the AC plug into the AC socket corresponding to the identification input on the power adapter of the accessory;
• It is strictly forbidden to use it at a site with the existence of any potential explosive gas;
• Non-professionals are not allowed to open the internal module at will, to avoid danger.
• This is a A grade product. In the living environment, this product may cause radio interference. In this case, the user maybe required to apply feasible measures against the interference.

Points for attention about the power supply

• Please unplug the plug from the power supply AC socket to completely disconnect the power supply connection of the device;
• The power supply socket should be installed near the device, and be easy to contact.

Important Safety Instructions

• Avoid it to be installed or used during the thunder & lightning period, otherwise there will be risk of being electrically shocked by it;
• When you have discovered unusual odor, overheat or smog, please cut off the power supply at once!
• The paper knife is relatively sharp, please don't touch it!

Suggestions

• Do not use it near the water or in the humid environment, to prevent the liquid from dropping into the terminal;
• Do not use it in extreme cold or hot environment. For example: near the ignition source or lighted cigarette;
• Do not drop, throw or bend it;
• Try best to use it in clean and dust-free environment, to prevent small items from dropping into the terminal;
• Do not use it nearby the medical devices when not allowed.

Statement

Our company will not be responsible for the results of the following actions
• Damage caused by usage & maintenance not under the conditions of this guidance note;
• Our company will not be responsible for any damage or problem caused by any option or consumable (not the initial product or recognized product provided by our company). You have no right to make product modifications or changes without the consent of our company;

Disclaimer

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