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QUICK START GUIDE



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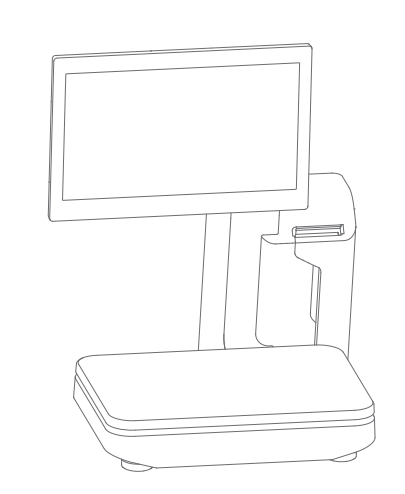


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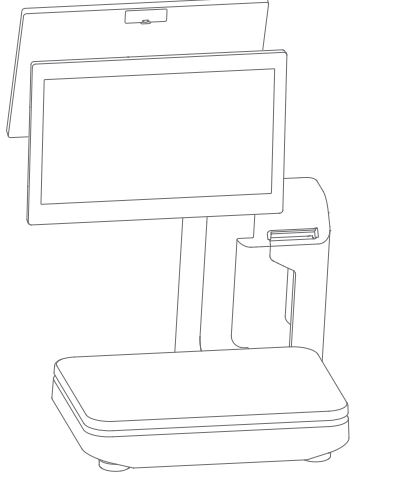
封面

封底

Smart Scale Terminal



ACS-F2531



ACS-F2532

Minimalist Settings

It only takes several steps to get this smart scale ready:

Press the power button to turn on the device, enter the initial boot-up interface, then follow the prompts. Two methods are available to connect this device to a network.

Wi-Fi setting

Tap "Settings", and then enable WLAN, enter WLAN search interface to wait for its searching and listing available WLAN hotspots;

Select a WLAN you want to connect to. If an encrypted network is selected, you are required to enter the access password to get connected.

LAN setting

How to download/use Apps

You may open the App Store once the device is connected, browse and download the apps you need and complete the installation.

List of preinstalled software in the system

App Store · Instruction · POS Steward · Feedback · Remote Assistance

Gallery · Downloads · Calculator · ShopCenter

Note: The list of preinstalled software may change due to the upgrade of the system version.

Scale Sealing

When the scale is used in trade or a legally controlled application, it must be set up, verified and sealed in accordance with local weights and measures regulations. It is the responsibility of the owner or the operator to ensure that all the pertinent legal requirements are met. As verification requirements vary by jurisdiction, the owner or the operator should contact their local weights and measures office if they are not familiar with the requirements. To prevent access to calibration and metrological settings, please check the scale is well sealed by the wire seal.

For more help on how to use the device, please refer to the instruction app installed in the device.

Product Introduction

(Take the scale with big and small displays as an example)

Secondary display

Power button

Scale foot

Main display

Paper output slot of the printer

Scale platter

Power button

Short press to power on the scale under the status of shutdowns, long press for 2-3 seconds to shut down or reboot the scale when it's in working status.

Long press for 11 seconds to power off the scale when it's closed or down.

Secondary display

This display faces to the customer with advertisements showing on it.

Main display

This touch screen is used by the operator.

Scale platter

It's used for placing and weighing items.

Scale feet

Level the scale by adjusting the scale feet (four under the scale body and one under the tower).

USB port

It can be used to connect an external keyboard, a mouse, or a U disk.

Cash drawer

Different kinds of cables can be organized under the cover.

TF card slot

A TF card can be inserted into the slot.

Micro USB debugging port, a port for debugging functions

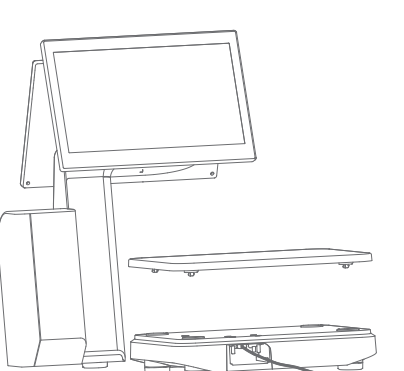
This port can be used during device debugging.

Cash drawer port

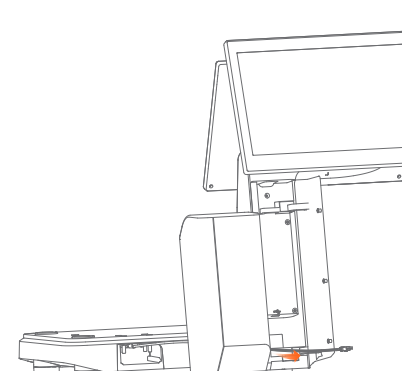
It's used to connect a cash drawer and a 120ms electrical pulse will be output, but continuous power supply won't be possible.

Note: This device only supports a 24V/1A cash drawer. The circuit of the cash drawer may be burnt if you connect the device to a 12V cash drawer.

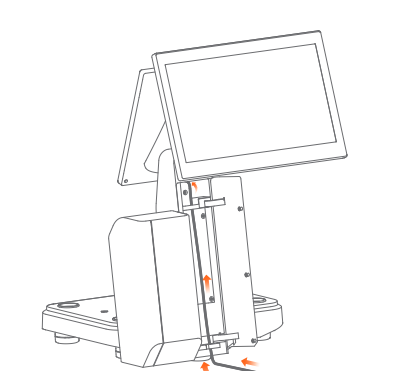
How to Install the Scale



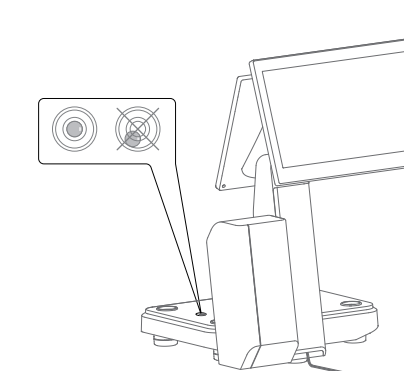
1 Take the scale body, display assembly, assembly parts, scale platter and adapter out of the package, and place the scale body flat on the worktable.



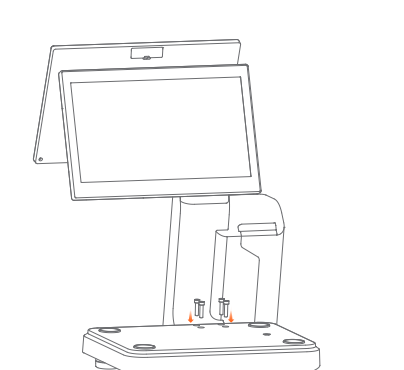
2 Open the back cover of the display assembly, and pass the USB cable on the scale body through the hole under the display assembly.



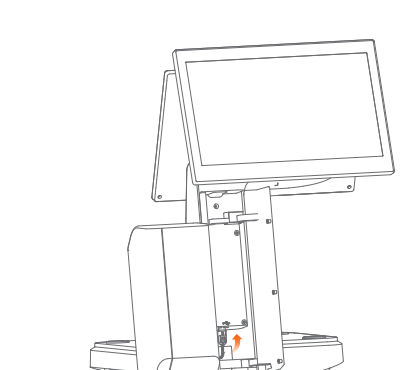
3 Pass the adapter cable through the hole in the middle of the stand into the power socket behind the display and close the back cover.



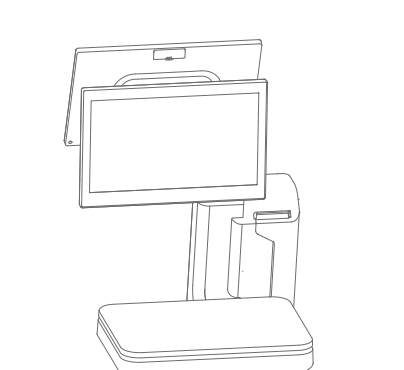
4 There is a horizontal bubble level on the scale body, and the level of the scale body can be adjusted by rotating the adjustable feet under the scale body (four under the scale body and one under the tower), until the horizontal bubble is in the center of the circle (the scale can only provide accurate weighing results after the scale is leveled).



5 Install the display assembly on the scale body and fix it with four M6 screws.

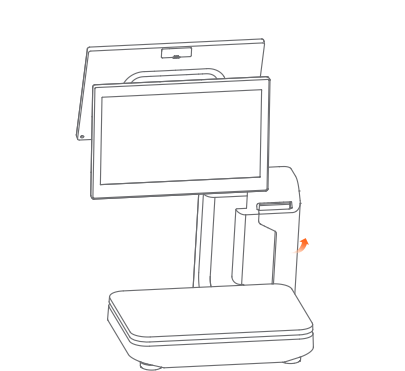


6 Plug the USB cable into the USB hole.

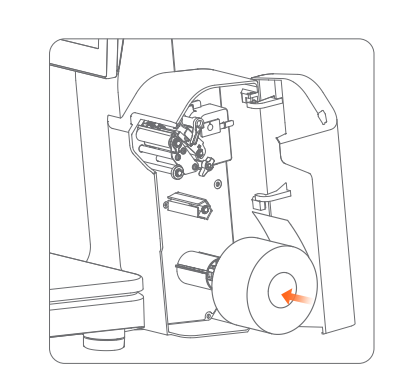


7 Finally put the scale platter on the scale body.

How to Install the Printer Paper Roll



1 Pull rightward the printer cover until the cover is fully open.



2 Put a thermal label paper roll into the printer, and pull several inches out of the paper output slot, clamp the paper liner onto the shaft, and close the printer cover.



3 Connect to the power supply. Connect the power interface of the adapter to the power port at the bottom of the main display, and connect the other end of the adapter to the AC power socket.

Common Troubleshooting

Symptoms	Solution
When there is a cash.	Long press the power button for 11 seconds, to power off the instrument, then short press to boot up.
The printer doesn't work	- Confirm the printer head holder is closed or not; - Confirm whether paper jam fault has occurred or not.
The printing content is blank	Please check whether the paper roll has been reversed or not;
The printing content is vague	- Please check whether the thermal head piece is dirty or not. If it is dirty, please wipe it with cotton swab dipped by absolute alcohol; - Please change the thermal paper with quality assurance to avoid the vague printing caused by paper quality.
Inaccurate weighing	- Please remove the scale platter, and check whether the bubble is in the middle position or not; - Check whether the S scale feet are firmly contacted to the table or not; - Check whether there are sundries in the place of the X shape bracket to cause inaccurate weighing.
Unstable weighing	- Check there is obvious air flow around the scale, for example the air conditioner vent; - Check the voltage input is stable or not; - Check the power outlet is grounded correctly or not; - Don't connect the scale power with other high power consumption electronics such as big refrigerators.

Model/Brand	Operation Frequency	Power (dBm)
B1	2402-2480MHz	9.07
B1E	2402-2480MHz	5.92
2.4G Wi-Fi	2412-2420MHz	10.74
5.2G Wi-Fi	5150-5200MHz	14.46
5.3G Wi-Fi	5200-5300MHz	17.32
5.5G Wi-Fi	5470-5720MHz	14.02
5.8G Wi-Fi	5720-5800MHz	13.88

Specifications of Smart Counter Scale

Operating system	Android
Display	15.6 inch Resolution 1920 × 1080
Storage	2G+16G/3G+32G/4G+64G
Touch screen	Multi-point capacitive touch screen
WiFi	802.11 a/b/g/n/2.4GHz/5GHz
Bluetooth	Bluetooth 4.0 BLE
Printer	58mm thermal printer
Speaker	3W
External interfaces	4x USB typeA, 1x RJ11 serial, 1x RJ12 24V cash drawer, 1x RJ45 LAN, 1x headphone, 1x power, 1x Micro-USB debug, 1x TF card
External storage card	Support MicroSD(TF), up to 64G
Whole machine size	420x400x515mm/400x400x500mm
Power adapter	Input: AC100~240V/1.7A 50Hz Output: DC24V/2.5A
Accuracy class	II
Maximum Capacity	3/6kg/6/15kg/15/30kg
Scale Intervals	1/7g/2/5g/5/10g
Minimum Capacity	20g/40g/100g
Operating temperature	-10℃~+40℃
Humidity	Relative humidity ≤ 85%, non-condensing
Limited altitude	below 5000 meters

Points for Attention

Safety Warning

- Please insert the AC plug into the AC socket corresponding to the input voltage of the power adapter;
- It is strictly forbidden to use it at a site with the existence of any potential explosive gas;
- Non-professionals are not allowed to tear down the power adapter to avoid dangers;

Important Safety Instructions

- Do not install or use the device during lightning storms to avoid the potential risks of lightning shock;
- When you have discovered unusual odor, over-heat or smoke, please cut off the power supply at once!

Disclaimer

Due to product update, certain details of this document may be inconsistent with the product, and the real device shall prevail. SUNMI owns the interpretative right of this document, and reserves the right to modify this user guide without prior notice.

Declaration

SUNMI will not assume responsibilities for the results of the following actions:

- Damages caused by use and maintenance without complying with the conditions specified in this user guide;
- Damages or problems caused by using optional items or consumables that are not the initial products provided or approved by SUNMI;
- Modification or changing of the product without the permission of SUNMI is not allowed;
- The operating system of this product only supports official system updates. If the user uses a third-party ROM system to update the device or modifies the system files by cracking, it may lead to system instability and may bring safety risks and threats.

Suggestions

- Do not use it near water or in humid environment to avoid fluid to fall into the terminal;
- Do not use it in extreme cold or hot environment. For example: near an ignition source or a lighted cigarette;
- Do not drop, throw or bend the device;
- Try best to use it in a clean and dust-free environment to prevent small items from dropping into the terminal;
- Do not use the device near medical facilities without permission.

FCC compliance 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.

Note:

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: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ISED Canada compliance statements

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) "l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

EU regulatory conformance

Hierarchy: Shanghai Sunmi Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://developer.sunmi.com/docs/read/en-US/maaeqhk460>

UK PSNI Soc Website: <https://developer.sunmi.com/docs/read/en-US/socdeqhk460>

INFORMATION ABOUT THE SOFTWARE

The description of accessories and components, including software, which allow the radio equipment to operate as intended, can be obtained in the full text of the EU declaration of conformity at the following internet address: <https://developer.sunmi.com/docs/read/en-US/maaeqhk460>

RESTRICTIONS OF USE

This product may be used in the following European member states subject to the following restrictions. For products that operate in the frequency band 5.150 to 5.350 GHz, wireless access systems (WAS), including radio local area networks (RLANs), shall be restricted to indoor use.

CE

EU Representative: SUNMI France SAS
100, Avenue Thiers, 69009 Lyon, France



This symbol means that it is forbidden to dispose the product of with normal household waste. At the end of the product life cycle, waste equipment should be taken to designated collection points, returned to the distributor when purchasing a new product, or contact your local authority representative for detailed information on WEEE recycling.

RF Exposure Statement (SAR)

- This equipment complies with EU, FCC and IC RSS-102 radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Points for Attention

Requirements for scale using conditions

- To get the precise and stable weighing result, the scale has to be placed at a proper location.
- On a table or a desk without vibrations and shocks;

Not directly under air-conditioner vent, keep away from strong air flows;

Indoor use only and no strong UV light;

Appropriate ambient temperature: 20±1 °C (68±1 °F) is recommended;

Power outlet should be grounded correctly;

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 tear down the power adapter to avoid dangers;

Scales can only be used in predefined gravity zone

Connection of the X-axis to a Point of Sale (POS/PC) system requires POS manufacturers or owner of the equipment to ensure Declaration of Conformity for complete system.

Disclaimer

Due to the product update, certain details of this document may be inconsistent with the product. Please refer to the real subject. Our company owns the interpretative right of this document. We reserve the right to modify this user guide without giving advance notice.

Please properly and regularly maintain the printer.

Conformity Certificate

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Tel: 400-666-659