Statement

In order to use the terminal safely and correctly, please read this operation guide carefully before use and deploy the terminal. Please refer to all of the related contracts and agreements of the terminal or consult with the agent that sold the terminal to you in order to know all of the particular configurations clearly about this terminal.

The company reserves all the rights to this guild. In other words, no individuals or parties are allowed to copy, excerpt, backup, or change any of the contents in this guild unless the company says so.

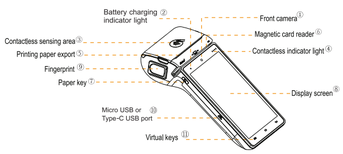
Package Content

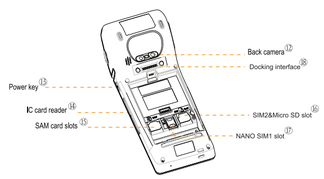
Components Name	Quantity
A90 Pro Android POS Terminal	1
Lithium battery	1
Power adapter	1
USB cable	1
Quick start guide (Including warranty card and certification)	1

Security

- The installation and use of this product must strictly follow the instructions in this guide.
- Unauthorized disassembly of this device will result in the destruction of the built-in security key, resulting in disabling to use.
- Do not drop, scratch, twist, hit, vibrate the machine or place heavy objects on the top of it.
- Do not use sharp objects to touch or collide with the unit, especially the display screen. Disobey to do so may cause the display screen to be damaged or not displayed properly.
- Wipe the screen with a soft, slightly moist, and non-maturing fabric to remove any traces of oil left by fingers. Do not use corrosive cleaners.
- This product uses the standard power adapter. Do not use non-standard power adapters, otherwise they may cause the equipment not being able to function as usual or cause serious damage.
- The power supply of this product must come from the original standard lithium battery. Please do not use any other non-standard batteries, otherwise they may cause the device not being able to function as usual or cause serious damage.
- This product is an electrical product. Do not spill any liquid material, otherwise it may cause the risks of internal short-circuit and serious damage to the device.
- Do not insert any metal foreign matters into any interface or port of the device.
- Do not use the device in direct sunlight, high temperature, humid, dusty, or strong magnetic field environment.
- Finding the device damaged or broken down, please stop using the device immediately and contact the relevant after-sales service department. Unauthorized repair or maintenance is strictly forbidden.

Product Description





Item	Features
Front camera ①	Used for bar and QR code scanning and taking photos, etc.
Battery charging indicator light ②	The 2-color battery charging indicator light.
Contactless sensing areat ③	Induction area for contactless IC card reading and writing.
Contactless indicator light ④	The 4-color indicator provides a status indication for the operation that may vary depending on the application configuration.
Printing paper export ⑤	Printed receipts and bills export.
Magnetic card reader ⑥	Magnetic stripe card reader, support bi-direction swiping.
Paper key ⑦	Allows printing paper to process.
Display screen ⑧	Touch screen, display transaction and operation prompt information, etc.
*Fingerprint ⑨	For fingerprint acquisition and identification.
Micro USB or Type-C USB port ⑩	Used for connecting external PC or other terminals, allows to do data transmission and battery charging.
Virtual keys ⑪	Include Menu, Home, and Back key.
Back camera ⑫	Used for bar and QR code scanning and taking photos, etc.
Power key ⑬	For power-on, power-off, restarting, airplane mode.
IC card reader ⑭	IC card reading area.
SAM card slots ⑮	SAM1 and SAM2 card slots
SIM2& Micro SD slots ⑯	SIM2 card slot and Micro SD card slot
NANO SIM1 slot ⑰	SIM1 card slot
Docking interface ⑱	Connecting Charging Dock or Docking Station

Note: the item with the "*" mark stands for the optional configuration. Please refer to the actual purchase contracts and agreements.

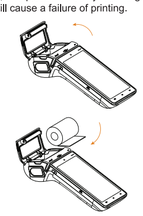
Quick installation

Take out the POS terminal, printing paper, lithium battery, the power adapter, and other necessary parts from the packing box, then follow the steps below for a quick installation.

1 Install the printing paper:

① Pull up the printing paper container cover to open the container.
② Strip off the printing paper. Hold one side of the paper and put it into the container. Leave a bit of the paper on the top of the scudding knife.
③ Close the cover when hearing the "tick" sound.

【Cautions】
Please be careful with the direction when installing the thermal printing paper, and please do so by following the figures below, otherwise it will cause a failure of printing.



2 Install the SIM/ SAM (PSAM) card:

① Open the battery cover.
② Follow the silkscreen indication and place each of the needed SIM/ SAM card separately into the right slot following the direction as the picture showed.

【Cautions】
（1）When installing or removing the SIM/ SAM card, please confirm that the device is power-offed, otherwise the cards may be damaged;
（2）When installing the SIM/ SAM card, the chip faces toward the internal side of the device;
（3）SIM/ SAM card can not paste stickers, tags, or other materials that may change the thickness of the card in order to prevent non-smooth installation or disassembly.

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.

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

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.

FCC SAR statement
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).
These requirements set a SAR limit of 4.0 W/kg averaged over ten grams of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the limbs.

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Http://www.vanstone.com.cn

料号：3028002000016　　说明书展开尺寸：602*120mm　说明书单页尺寸：86*120mm

Warranty Card

Product Name: _____

Product Model: _____

Warranty terms:
1. Our company will provide you with high quality after-sales service.
2. If the user causes product damage due to human factors, the company will charge maintenance fee when repairing.
3. Please take good care of this card, which will be the warranty basis of our company.

Certification

Inspector: _____

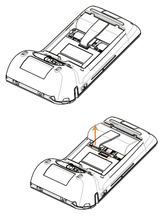
Date: _____

Please cut down the card along the dotted line.

3 Install and remove the lithium battery:

Install the battery:
① Open the battery cover
② Insert the battery into the white socket
③ Put the battery into the battery container
④ Close the battery cover

Remove the battery:
① Open the battery cover after power-off
② Pull off the battery by grasping the line at the plug and pulling it up and off
③ Gently remove the battery from the battery container



Usage and Operation

Power on / Power off / Restart:

- Power on: Press and hold the " ⏻ " key for 2 seconds. When the backlight of the display scree is on, the device is activating.
- Power off/ Restart: Press and hold the " ⏻ " key for 2 seconds. The screen will display options for "Power off / Profile / Reboot / Airplane mode" menu. Press the "Power off " option to complete the shutdown; Press the "Reboot" option to restart the device.

【Cautions】 When operating a transaction, the user interface is in the communication status, and it's not allowed to turn off the device.

Troubles and Troubleshooting

Troubles	Troubleshooting
Fail to turn on the device when pressing the power key	1. The battery is exhausted and cannot be recharged. Please change the battery. 2. The battery is low. Please recharge the battery.
Display screen shows error massage about network or service	1. The device may lost the ability of receiving signal when you are in a place where the signal is weak or reception is bad. Please relocate and try it again. 2. Some of the options may not be able to use because of the lack of reservation. Please contact your service providers for more information.

Troubles	Troubleshooting
Touch screen slow or incorrect reaction	If the device has a touch screen, and the screen reaction is incorrect, please try with the following options: 1. Take off the protective film on the screen because it may prevent the device recognize input correctly. We do not recommend to use any type of protective films for touch screens. 2. Please ensure that the screen is clean without greasy dirt. Please keep fingers dry and clean when touching the screen. 3. Please restart the device to solve any type of temporary software errors. 4. If the screen is scratched or damaged, please contact the agent that sold the terminal to you.
Device is frozen or has serious mistakes	If the device is frozen or suspended, it may need to be shutdown or restarted to re-motivate functions. If the device is frozen or has slow reaction, please press the power key for 6 seconds, and the device will be restarted automatically.
Short standby duration	1. Please turn off some functions for saving power when do not use them, such as Bluetooth/WiFi/Data service, and etc. 2. Turn off not-in-use applications on the backstage will help to save power.
Cannot find another Bluetooth device	1. Please ensure that Bluetooth and wireless functions have been turned on. 2. Please ensure that the device to connect has turned on its Bluetooth and wireless functions. 3. Please ensure that the POS terminal and the device to connect are within the maximum Bluetooth range of 10 meters.

- If the power adapter plug or power cord is damaged, please do not use them in case of electric shock or fire.
- Please do not touch power cord with wet hand or pull out the power adapter like pulling power cable.
- Please do not touch the device and power adapter with wet hand in case of short circuit, malfunction, or electric shock.
- Please stop using the power adapter and contact sales representatives for exchanging if the power adapter is caught in the rain, getting wet, or affected with damp seriously.
- The power adapter has to meet all of the requirements from the "2.5 Restricted power supply" in <<GB4943.1 Safety of information technology equipment>>.
- If the device has to connect USB ports, please ensure that the USB ports has USB-IF identification, and its performance is qualified with the USB-IF requirements.

Cautions for use

Operating environment

- Do not use the device in thunderstorms which can cause the device malfunction or electric shock.
- Keep the device away from rain, moisture or liquids containing acidic substances that can corrode electronic circuit boards.
- Do not store or use the device in a dusty or dirty place.
- Do not store the device in a high temperature place. High temperature will shorten the life of the electronic device.
- Do not place the device in a super-cooling place. When the temperature of the device rises, moisture may be formed inside the equipment, which may damage the circuit board.
- Do not try to disassemble the device. Non-professional manipulating will damage the device.
- Do not use a pen, pencil, or other sharp objects to touch the screen surface to avoid scratching the screen.
- Do not drop, strike, or seriously crash the device. Rough behaviors may damage the device and may cause malfunction.

Accessories requirements

- Please use only the battery, power adapter and other accessories that are authorized by product manufacturer and match to the device. Using unauthorized and incompatible accessories may cause fire, explosion, or other dangers.
- If using unauthorized accessories, the user may disobey the warranty rules and countries' related regulations and may lead to accidents. If users want to acquire authorized accessories, please contact your sales agents or distributors.

Power adapter safety

- When the device is charged, the power socket should be installed near the device and should be easy to touch. The charging area of the equipment must be clean without debris, flammable or chemical substance.
- When charging is over or uncharged, please cut off the connection between the power adapter and the device, and please unplug the charger from the power socket.
- Please do not drop or crash the power adapter. Once the shell of the adapter is damaged, please contact the agent or distributor who sell the equipment to exchange the power adapter.

Battery safety

- Please do not use short circuit batteries, or contact the battery terminals with metal or other conductive objects.
- Please do not disassemble, squeeze, twist, or cut the battery.
- Please do not insert external matter into the battery, contact the battery with water or other liquid, and expose the battery to open flame, explosion source, or other risk sources.
- Please do not place or store the battery in an over-temperature environment.
- Please do not throw the battery into water.
- Do not touch the skin or eyes if a battery leak occurs. If you are stained, rinse the contact area with plenty of water and seek medical attention immediately.
- Please do not use broken or damaged battery.
  When the standby duration of the device is obviously shorter than usual, please exchange a new battery.

Cautions:There will be a danger of explosion using the wrong model of battery
The battery must be disposed in accordance with the instructions

Aisino Vanstone Electronic（Beijing）Co.,Ltd.

Quick Start Guide
A90 Pro Android POS Terminal

The pictures and descriptions in this guide are for reference only, please prevailin in kind.

Rev 1.0