

# Operation Guide



Intelligent Handheld Terminal

Processor	ARM Cortex A53 Quad-core 64bits 1.3GHz
O.S	Android 6.0
Memory	8GB ROM+1GB RAM
Ex-Storage	Micro SD (Up to 64GB)
Display	5.5inch IPS 720x1280 High Resolution
Camera	AF 8.0M Pixels with LED flash light
Touch Panel	Industrial-grade capacitive touch panel
Keypad	2 side keys,Power key
Notification	Vibrator/LED/Speaker
Battery	7.4v 5200mAh rechargeable lithium polymer battery
Audio	Built-in microphone/Headphone slot
Sensor	G-sensor
	Micro USB/Serial Port(TTL)

#### Structural Parameters

Dimensions	210*80*42mm
Weight	505g(battery included)

#### Communication Transmission

Mobile Network	3G : WCDMA:850/1900 4G : LTE-FDD:B2/B7
GPS	Supporting GPS/AGPS

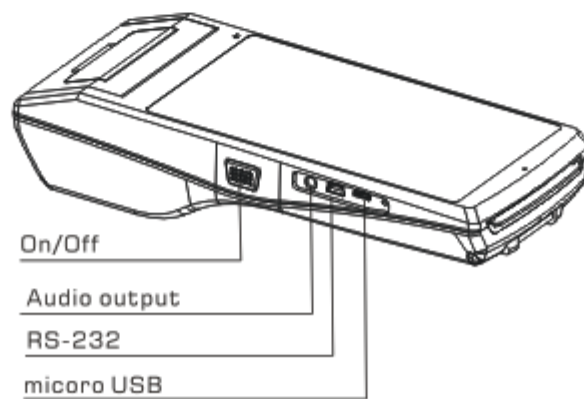
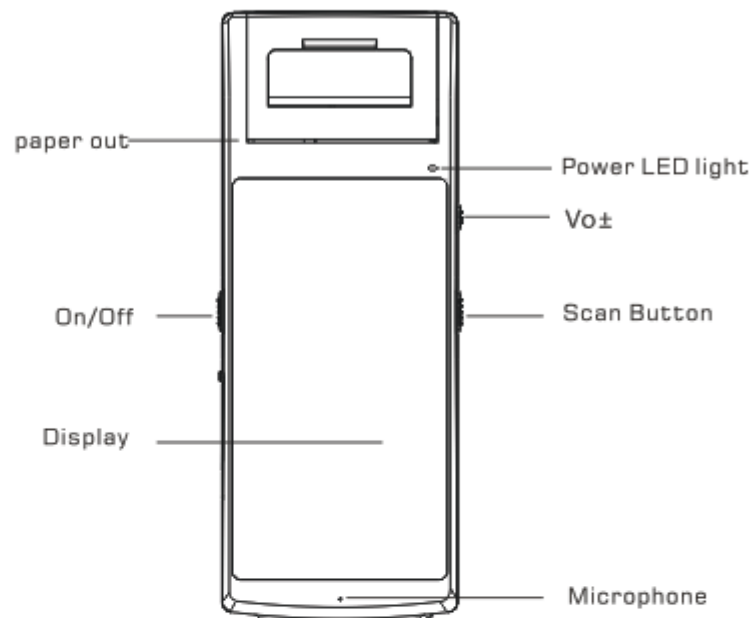
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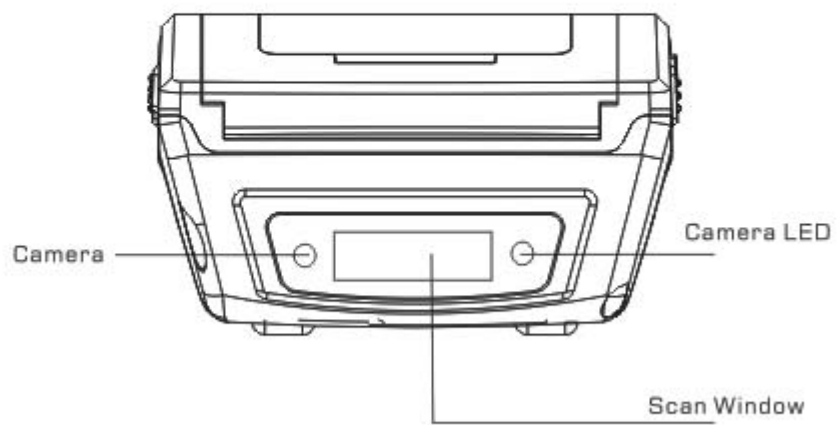
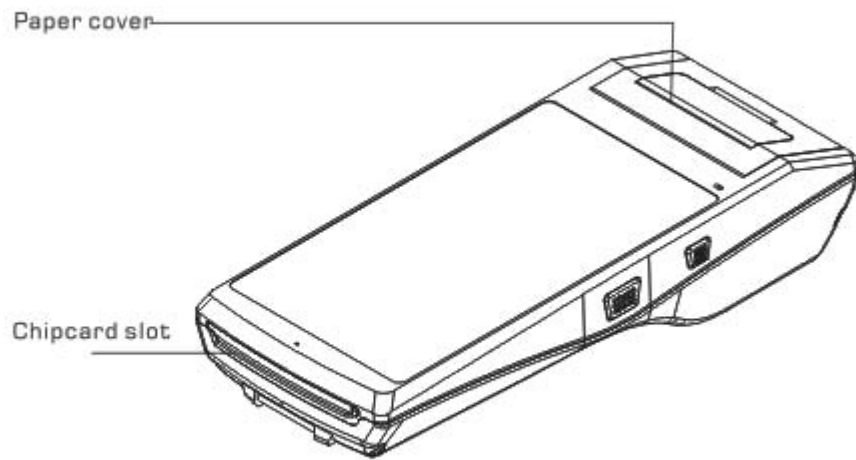
Method	Direct Thermal
Speed	70mm/sec
Width	48mm(384 Dots/lines)
Sensor	Black mark / out of paper / overheat over-voltage protection
Medium	Thermal paper and label
Type	Text/image/bar code/QR code

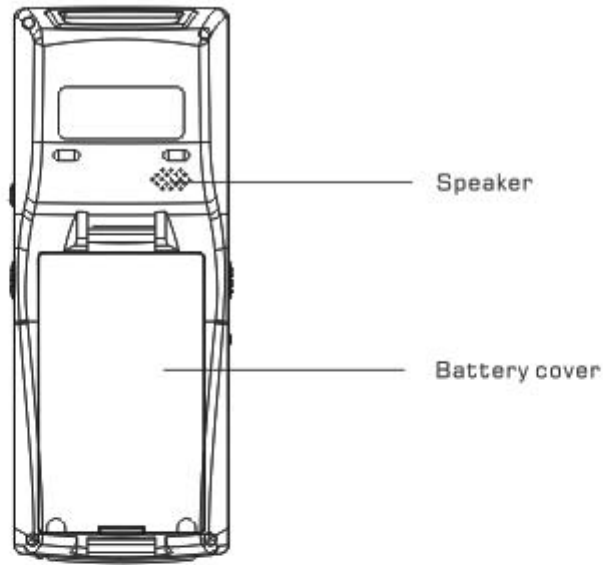
#### Operating Environment

Develop Tools	Android SDK + JDK + Eclipse
P-Language	Java
Operating Temp.	-10°~ 50°C
Storage Temp.	-20°~ 70°C
Humidity	0 ~ 95% (non-condensing)
Sealing	IP65

# Operation





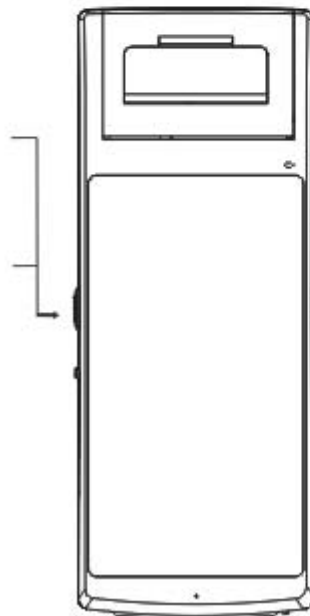


On/Off

Power (on / off button)  
:short press power button ,can shut off the backlight of the screen ,If you need to power off the device ,Plz long press the power button more than 3 second and shut off according to the instruction of the LCD screen.

Note: When the device is Power on ,the green LED always on.

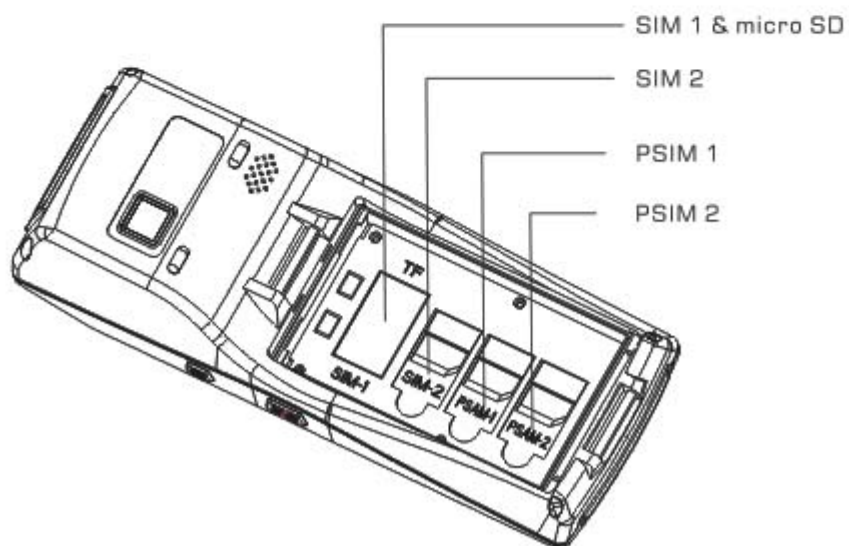
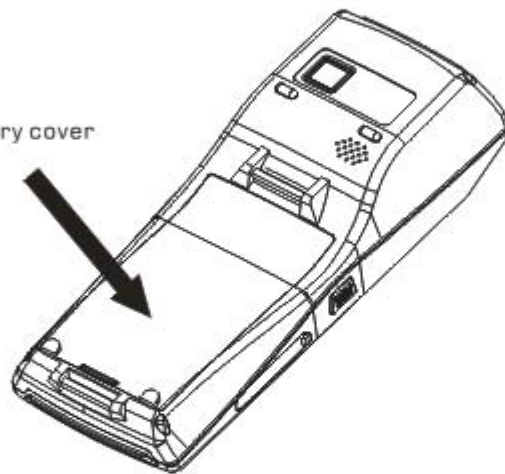
When the battery less 20%, the red LED will light up.



## SIM/PSAM/TF/Battery

1. Remove the battery cover and remove the battery
2. Insert SIM / PSAM / TF as required
3. SIM and PSAM cards are standard card sizes.

Battery cover



## Charging

Plug the USB cable into the 5V charger and the other end into the micro USB interface. Charging, the system will appear charging icon.

\* The terminal only supports DC 5V charging, USB interface can be used for charge and data transmission.



\* LED Indicator Status:  
Normal working status: green light  
Low power state: red light  
Charging state: red light  
Battery is full: green light

#### Specific Absorption Rate (SAR) information:

This Intelligent Handheld Terminal meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. Device types: PDA-5501(FCC D:2AR2V-PDA-5501)has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification for use at the hand is 0.618W/kg and when properly

worn on the body is 0.452W/kg.This device was tested for typical body-worn operations with the back of the handset kept 5mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 0mm separation distance between the user's body and the back of the hand. The use of belt clips, holsters and similar accessories should not contain metallic components in its assembly. The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided.

#### Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 0mm must be maintained between the user's body and the handset, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided.

Use only the supplied or an approved antenna.

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

This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

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.