

Ciontek

Smart POS Payment Terminal

User Manual

Disclaimer

We assume no liability for loss or damages arising directly or indirectly from any misuse of terminal and accessories or non-compliance with the instructions set out in this User Manual. All rights reserved. Specifications and external appearance are subject to change without prior notice.

Product instructions



1 Contactless card reader	2 Printer cover
3 Indicator LED	4 Power Switch
5 Front camera	6 Fingerprint reader
7 Volume	8 Touch screen
9 Magnetic card reader	10 Virtual Key
11 IC card reader	



12 2Dbarcode scanner	13 Rear Camera
14 Flash Light	15 Charger Pin
16 Battery Cover	17 Speaker
18 Buzzer	19 Non-slip rubber

Instructions for installment

1. Working condition: temperature $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$, humidity $5\% \sim 95\%$, or the device will not be stable while working.
2. Connect the power adapter to device and connect the other side to a specific safe 220V/50HZ socket.

Warning: Do not put battery into fire; ensure no battery short circuit of Positive and negative pole; maximum charging voltage is 4.2V

3. Use the original power adapter only, other adapter may cause device work failure or damage.

Power ON/OFF operation

Power ON operation: after installed battery/connect power adapter, press power bottom for 2s, screen on, device goes to working mode; press power bottom for 2s, choose shutdown item, screen off, device goes to power off mode.

Magnetic card, IC card, SIM card, PSAM card, Micro SD card and contactless IC card

1. While swipe cards, swipe with constant speed, close to slot bottom, magnetic stripe should face the screen as the silk-screen directions, align at card slot, be sure magnetic cards is intact and in good condition.
2. Follow the silk-screen directions when insert IC cards, let the chip side upwards, insert carefully till you feel card be clamped, do not pull out during reading process.
3. Take off battery before install SIM card, PSAM card and Micro card, install them to corresponding slots.
4. Put card close to reading area while use contactless IC cards.

Instructions:

Stop the operation immediately if you notice below phenomenon:

1. Harsh noise while working.
2. Junk or water get into device accidentally.
3. Abnormal smell come out during work.

Stop immediately the operation and remove the battery, contact us or distributor at once.

Trouble Shooting and advised solution:

Fault phenomenon	Elimination methods
No display on screen	<ol style="list-style-type: none">1. check if battery installed right2. check if battery is enough for work
Cannot read card	<ol style="list-style-type: none">1. check if card slot is clean2. check if card has enough magnet info
Read magnetic card data incorrectly	<ol style="list-style-type: none">1. swipe card with constant speed, close to slot bottom2. magnetic stripe should face the screen, align at card slot3. try to swipe card in another direction
IC card data read incorrectly	<ol style="list-style-type: none">1. ensure the chip side is upward, card be inserted to the top2. ensure IC card chip is safe and sound
NFC card data read incorrectly	<ol style="list-style-type: none">1. ensure card has NFC function2. ensure read card in NFC area3. ensure card/mobile be placed smoothly and steady in NFC area
Camera failure	<ol style="list-style-type: none">1. ensure camera not be covered2. ensure if enough light for camera to work
Printer do not work	<ol style="list-style-type: none">1. ensure paper is sealed correctly2. check if it has right size paper, and installed right3. check if low battery
Communication failure	<ol style="list-style-type: none">1. check if sim card inserted, if card contactor clean2. ensure there is signal3. try to re-establish communication

Cautions:

1. Strictly observe the following instructions while install and connect the device. Connect to stable power socket, try to avoid charging it together with high-power machines like air-conditioner.
2. Please try not to use the device during thunderstorm in case of lightening stroke, and power off as well as cut off its connection to host machine.
3. This is electrical product, be sure not let anything like pin, thumbtack, wire or water slip into the device, or short circuit will be caused to destroy device.
4. Be sure no heavy pressure on device or place anything on it.
5. Prevent fierce vibration, strike or beat.
6. Ensure good working condition, never use it in humid, high temperature, sun burn, dustiness or frost environment, never get close to strong electromagnetic field, never use device under flammable and explosive conditions.
7. Avoid plug or swap any part or peripherals when power is on, or it may cause inner hardware damage. Shutoff device before cut power.
8. This device is integrated with Lithium battery, change our original battery if needed. Other types battery may cause damage to device. Contact us or our distributor when you need to change battery.
9. Cut off power and stop operation if device break down. DO NOT disassemble device yourself.
10. Avoid sleet, solar exposure, mechanical shock or extrusion. Be careful when delivering.
11. Device should be kept in original package, temperature of warehouse should be $-20^{\circ}\text{C}\sim 60^{\circ}\text{C}$, relative humidity should be $5\%\sim 95\%$. No noxious gas, flammable, explosive or mordant chemicals are allowed to be together, ensure no mechanical shock, impact or high magnetic surroundings. Package should be 15cm above floor at least, 50cm against wall, heat source, cold source, windows or air inlet.
12. This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference

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

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.

Specific Absorption Rate (SAR) information:

This radio device 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 for body and 4.0 W/kg averaged over ten gram of tissue for extremity. This device was tested for typical body-worn operations with the back of the handset kept 5mm for body worn. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 5mm for body worn. 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.

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