

Smart POS

K9

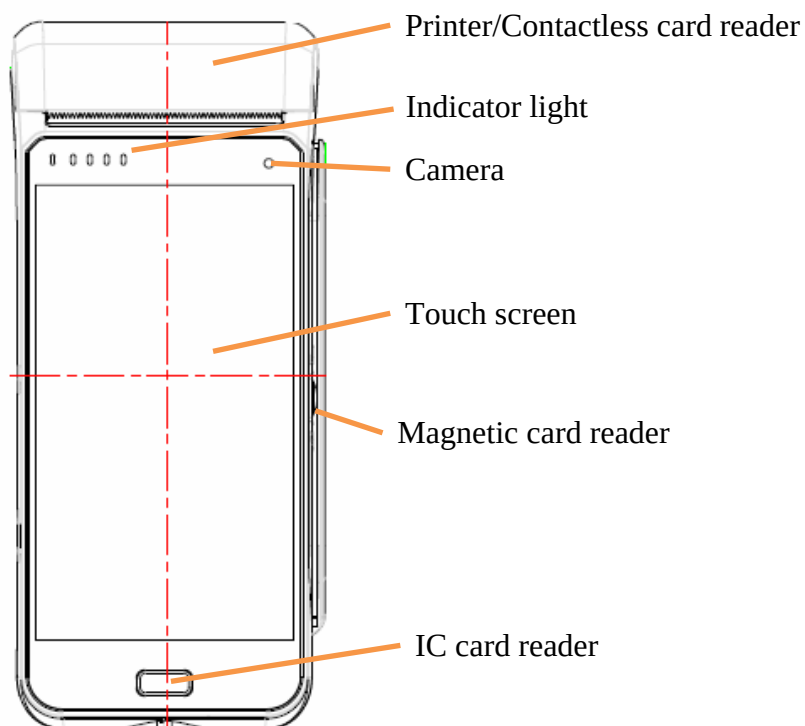
Product Manual

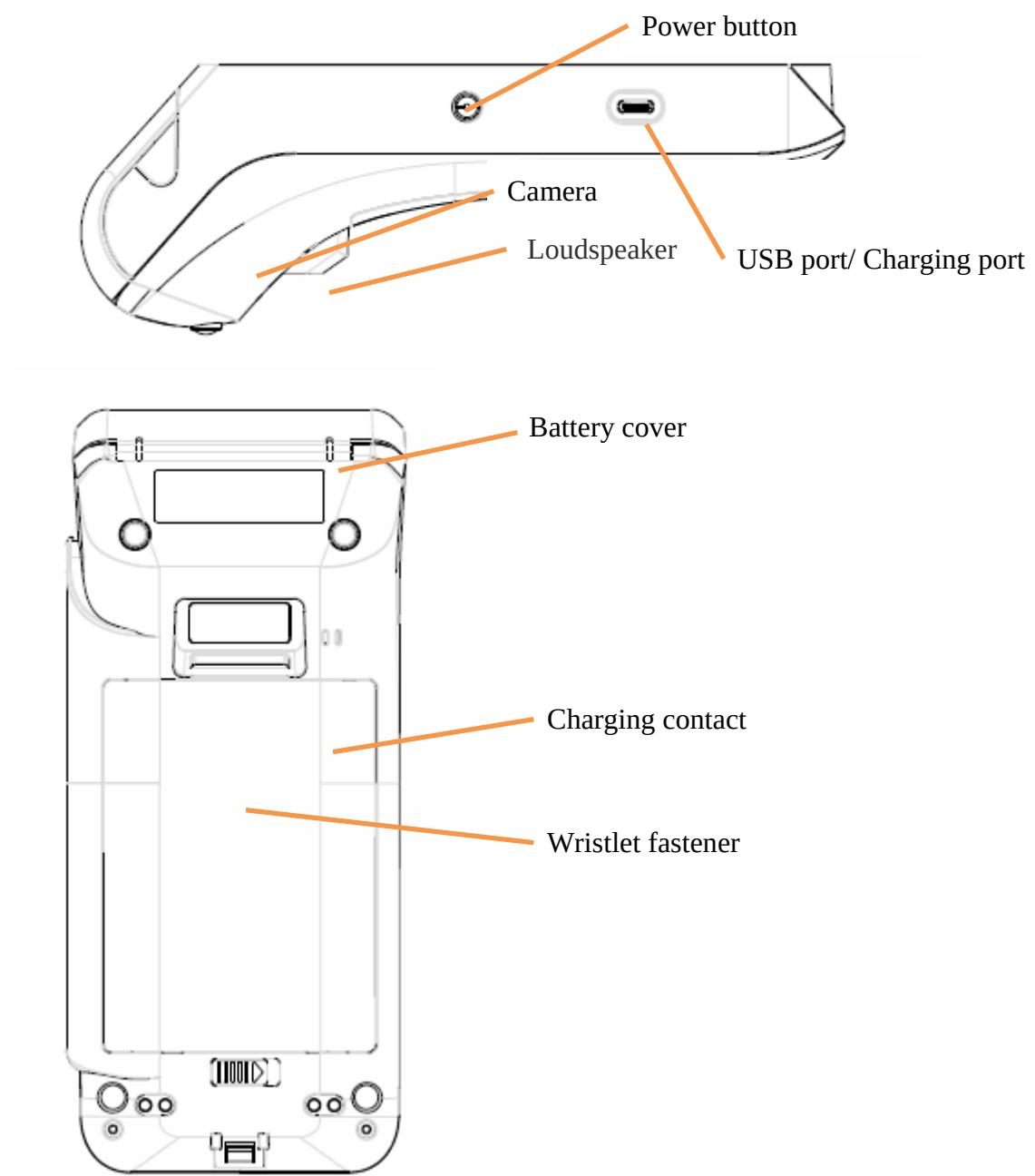
1. Packing List

Upon receiving K9, please check if all the items are supplied as K9 Packing List. If there is any problem, please contact your provider.

Item	Unit	QTY
K9	PC	1
Battery	PC	1
Power adapter	PC	1
USB cable	PC	1
Printer paper	Roll	1
Product Manual	PC	1

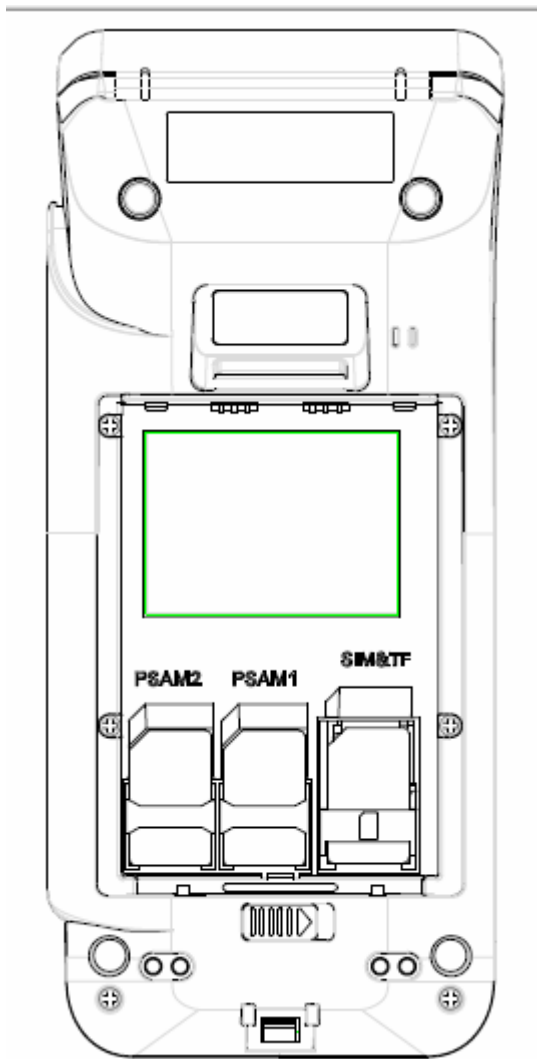
2. K9 Overview





3. Installation and User Guide

- Installation of battery: push in the button and open the battery cover, then insert the battery and close the cover.



Note: install PSAM card, T card or SIM card based on demand.

- Power on: long press the power button for 1 second.
- Power off: long press the power button for 3 seconds, when a dialog box appears in the touch screen, please click power off icon.

Forced shutdown: long press the power button for 10 seconds.

- Installation of printer paper: open the printer paper storage cover, then put into the paper and close the cover.
- Indicator light

Charging light: When the battery is charging, the indicator light turns red.

When the battery is fully charged, the light turns green.

Contactless card reader indicator light: refer to the contactless transaction standard specification.

4. Attentions

- This product shall be installed and placed in the dry, ventilated and non-corrosive gas area.
- Do not spill any liquid on this product.
- During lightning storms, please cut off the outer power supply.
- Do not disassemble this product by yourself, or it will cause the damage, and Centerm is not responsible for warranty in this case.
- Any abnormal phenomenon shall be submitted to your provider.
- This product is not suitable for children under 16 years to contact or disassemble. Parents shall fulfill the regulatory obligations to avoid the children swallowing the product or causing any other damage.
- Centerm is not responsible for any risk caused by not following the prescribed operations in this manual.
Hereby, Centerm declares that this Smart POS, K9 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. .
- Use the product in the environment with the temperature between 0°C and 40°C,
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- The product shall only be connected to a USB interface of version USB2.0.
- The device complies with RF specifications when the device used at 5mm from your body
- Adapter shall be installed near the equipment and shall be easily accessible. The plug considered as disconnect device of adapter
Adapter Model: RJ-AS050200E011
Input: AC 100-240V 50/60Hz 1.0A Output: DC 5.0V, 2A
- Operation Frequency: For WIFI:
2412MHz~2472MHz (802.11b/802.11g/802.11n(HT20))
2422MHz~2462MHz (802.11n(HT40))
For BT/BLE: 2402MHz~2480MHz
For GPS: 1.57542GHz

For NFC: 13.56MHz

For GSM: GPRS 900:

TX: 880-915MHz; RX: 925-960 MHz

GPRS 1800:

TX: 1710-1785 MHz; RX: 1805-1880 MHz

For WCDMA:

WCDMA Band I: TX:1920MHz~1980MHz;

RX: 2110-2170MHz

For LTE:

LTE Band 1: (UL)1920MHz~1980MHz,

(DL) 2110MHz~2170MHz

LTE Band 3: (UL)1710MHz~1785MHz,

(DL)1805MHz~1880MHz

LTE Band 38: (UL)2570MHz~2620MHz,

(DL) 2570MHz~2620MHz

LTE Band 40: (UL)2300MHz~2400MHz,

(DL) 2300MHz~2400MHz

Maximum transmit power:

BT: 1.58mW

GSM: 0.477W

WCDMA: 0.2W

Wifi: 0.031W

LTE-BAND I: 0.15W

LTE-BAND III: 0.222W

LTE-BAND 38: 0.156W

LTE-BAND 40: 0.267W

The frequency above listed is belong to CE frequency, the FCC frequency don't show on the user manual.

FCC Statement

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

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.

5. Common troubleshooting

The intent of the troubleshooting section is to introduce solutions to a number of common issues encountered by users.

Item	Solution
Nothing appears on the screen	1. Check whether the battery is connected correctly. 2. Check whether the power button is normally pressed.
Magnetic card reader cannot read data	1. Check whether there is foreign matter inside the card slot. 2. Check whether the magnetic card is lack of magnetism.
Data reading error of Magnetic stripe card	1. Constantly swipe the card and be close to the bottom of card slot. 2. The magnetic strip shall face to the screen and align to the card slot. 3. Try to swipe the card in the opposite direction from the bottom up.
Data reading error of IC card	1. Confirm whether the contact area (chip) is upturned and inserted into the bottom of card slot. 2. Confirm whether the chip is scraped or damaged.
Data reading error of radio frequency IC card	1. Confirm whether the card has the function of radio frequency card. 2. Whether you are shaking the card within the non-receiving and card reading area (the right above the non-receiving prompt area). 3. When conducting the deposit business, confirm whether the acceptance card/cellphone is put within

	the non-receiving and card reading area.
Camera collection failure	1. Confirm whether the camera is covered by barrier. 2. Confirm whether this is incurred by the insufficient sunlight within the camera collection area.
The printer fails to work	1. Confirm whether paper storage cover is closed correctly. 2. Confirm whether proper paper is used and is correctly placed in the printer.
Communication fails	1. Confirm whether SIM card is inserted and whether the card contact is contaminated. 2. Check whether the phone signal strength is enough. 4-lattice signal strength is suggested for transaction. 3. Try to reestablish communication.

Attach the quality certificate herein.

Attachment 1 Warranty Registration Card

Dear customer,

Thank you for purchasing our product. In order to provide you satisfied service, please carefully read the following policy.

Warranty policy:

1. This warranty does not cover damage resulting from:
 - 1) Normal Loss (eg, the product disassembled privately by customers, improper connection, the action which does not follow this manual properly, damages caused by external forces);
 - 2) Force Majeure (eg, earthquakes, volcanic eruptions, fires);
 - 3) Any damage caused by maintenance or tests without approval of Centerm.
2. In order to guarantee customers' maintenance right, please do not remove the tag on the back of product.

Please fill in the form upon purchasing the product, to avoid unnecessary trouble when applying for services.

User name		Tel	
Product name		Model	
Serial No.		Date of Purchase	__(Year)__(Month)__(Date) (It shall be effective upon stamping by the provider)

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