



WisePOS® 2.0

Android based mPOS device

Index

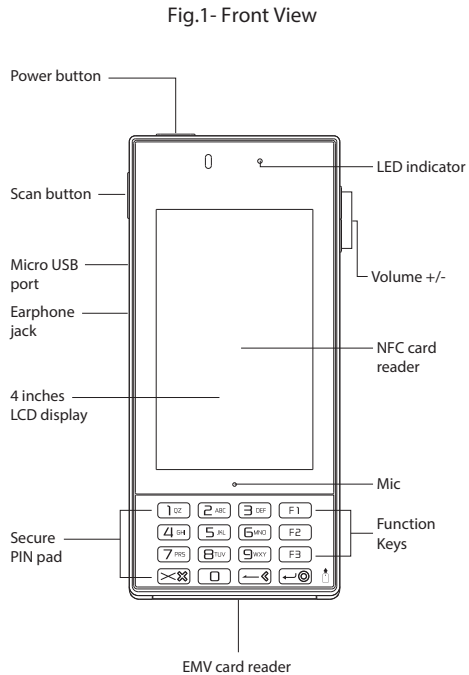


Fig. 2 - Back View

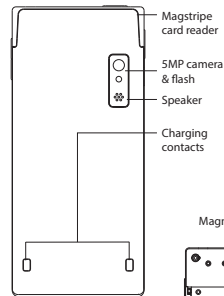
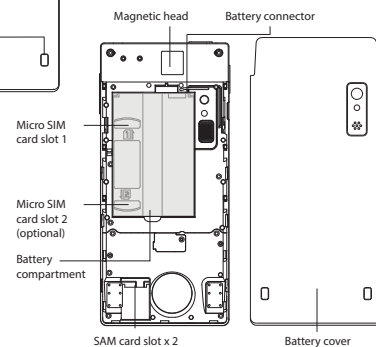


Fig. 3 - Internal View



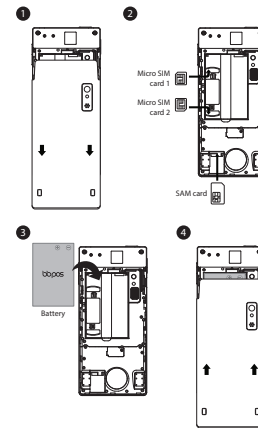
CAUTION:
Please don't point or damage the internal components when the back housing is opened. Any intentional damages may void the warranty and cause device malfunction.

Package Contents

Device	X1
USB cable	X1
Rechargeable battery	X1
Quick start guide	X1

Quick Start Guide

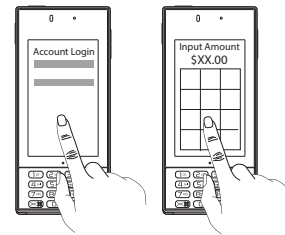
IMPORTANT:
Push & slide to open the back cover of WisePOS™ 2.0 to insert the rechargeable battery into the battery compartment, Micro SIM cards and SAM cards to card slots properly, then lock the cover again for battery charging via USB cable before use.



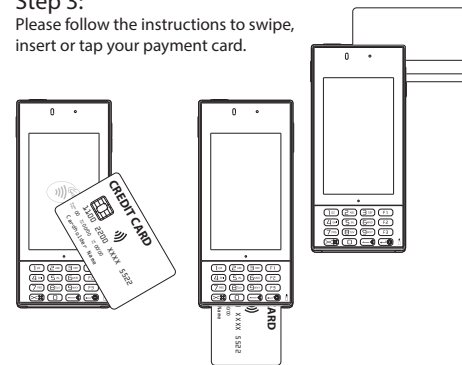
Step 1:
Download the official APP from APP Store.



Step 2:
Please follow the instructions of app to login and input amount to start the transaction process.



Step 3:
Please follow the instructions to swipe, insert or tap your payment card.



Cautions & Important Notes

- Ensure to download the official APP from APP Store.
- Please fully charge your WisePOS™ 2.0 before use.
- Please ensure magstripe /EMV chip of the card is facing the right direction when swiping or inserting card.
- Don't drop, disassemble, tear, open, crush, bend, deform, puncture, shred, microwave, incinerate, paint, or insert foreign object into the device. Doing any of which will void the Warranty.
- Don't immerse the device into water and place near washbasins or any wet locations. Don't spill any food or liquid on the device. Don't attempt to dry the device with external heat sources, such as microwave or hair dryer.
- Don't use any corrosive solvent or water to clean the device. Recommend using dry cloth to clean the surface only.
- Don't use any sharp tools to point the internal components or connectors, doing which may lead to malfunction and void the Warranty.
- Don't try to disassemble the device to repair. Please contact your dealer for repair and maintenance.
- Only suitable use for output DC 5V, 1000mA (max.) CE approval AC adaptor, other electrical rating of AC adaptor is prohibited.

Product Specifications

Functions	<ul style="list-style-type: none"> • EMV chip card reader (ISO7816 compliant class A, B, C card) • Triple track magnetic stripe card reader • NFC card reader (EMV contactless, ISO 14443A/B) • High speed 1D barcode scanner (optional) • Secure PIN pad • Over-the-air firmware update • Over-the-air cryptographic-key loading
LED Indicator	<ul style="list-style-type: none"> • Green light On - fully charged • Green light Flashing - during transaction • Red light On - battery charging • Red light Flashing - Operating at low battery
Display	4" full color WVGA TN display, cap sense touch panel
Operation System	Android 7.0
Processor	MT6737
Memory & Storage	2GB RAM, 16GB Flash
Camera	5MP main camera with LED flash

Product Specifications

Buttons	10 numerical buttons, enter button, cancel button, power on/off button, volume +/- button, backspace button, three functional/hot key buttons, barcode scan button
Communication Interface	Bluetooth® 4.0, Micro USB (support OTG), WiFi, GPRS/3G/4G LTE, 3.5mm audio jack
Connectivity	Dual mini SAM card, single or dual micro SIM card
Power & Battery	Lithium polymer rechargeable battery 3000mAh, 3.8V
Charging	Via Micro USB or charging contacts
Key Management	DUKPT
Encryption Algorithm	TDES
Swipe Speed	15cm - 100cm/sec
Battery Life	Standby time: up to 185 hrs Above 500 EMV transactions, or above 1000 magnetic card swipe transactions, or above 400 EMV contactless transactions
Operating Temperature	0°C - 45°C (32°F - 113°F)
Operating Humidity	Maximum 95%
Storage Temperature	-20°C - 55°C (14°F - 131°F)
Storage Humidity	Maximum 95%
Dimensions	70.5 x 155 x 17.8mm / 2.78 x 6.1 x 0.7inch (approx.)
Weight	240g / 8.1oz (approx.)
Certifications*	<ul style="list-style-type: none"> • PCI PTS POI v4.1 with SRED • EMV Contact L1 & L2 • EMV Contactless L1 • VISA PayWave • MasterCard PayPass • AMEX Expresspay • Discover Contactless D-PAS • VISA Ready • MasterCard TQM • MasterCard Mobile POS • Discover Network ZIP • PBOC 3.0 L1 & L2 • QPBOC 3.0 L1 & L2 • FCC, CE, RoHS • UnionPay QuickPass

Troubleshooting

Problems	Recommendations
Device cannot read your card successfully	<ul style="list-style-type: none"> • Please check if the device has power when operating and ensure devices are connected. • Please check if the application instructs to swipe or insert card. • Please ensure there is no obstacle in the card slots. • Please check if the magstripe or chip of the card is facing the right direction when swiping or inserting card. • Please swipe or insert card with a more constant speed.
Device cannot read your card successfully through NFC	<ul style="list-style-type: none"> • Please check if your card supports NFC payment. • Please ensure that if your card is placed within 4 cm range on top of the NFC marking. • Please take out your NFC payment card from wallet or purse for payment to avoid any interference.
Device has no response	<ul style="list-style-type: none"> • Please check if the rechargeable battery, SIM cards and SAM cards are properly inserted. • Please check if the device is fully charged. • Please restart the device for retry.

FCC Caution Statements:

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimetres between the radiator and your body.

Specific Absorption Rate (SAR) information:

This WisePOS™ 2.0 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 1.6W/kg averaged over one gram of tissue. Device types: WisePOS 2.0 (FCC ID: 2AB7X-WISEPOS2) has also been tested against this SAR limit. This device was tested for typical body-worn operations with the back of the handset kept 10mm for body worn and 10mm for hotspot. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm for body worn and 10mm for hotspot. 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 10mm for body worn and 10mm for hotspot 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.

Caution

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.



Need Help?

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