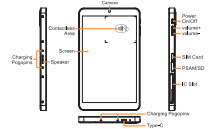




EF20 Smart Payment Tablet

Operation Manual

Structure Description



Instructions

Power on: Press "On" key for 2-3 seconds to power on terminal.
Power off: Press "Off" key until it shows "Power Off" status, select "Power Off" to enter sleep mode. Press "On" key, select "On" to continue.

Contact IC Card

Note: If the contact point of the IC chip is damaged or oxidized, the transaction may fail.

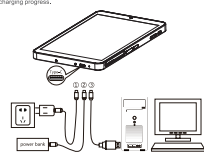


Contactless IC Card

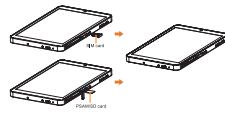
Please take contactless card tapping on the top right corner of the screen, wait for sound effect (BEEP) or hear a "BEEP" sound which means a successfully completed transaction. At this time, the card can be removed.

Power Charge

Connect the terminal to the power source using either an adapter, a mobile power source, or a personal computer via a USB cable. Make sure the adapter is securely plugged into a power outlet. The terminal will then indicate the charging progress.



Install SIM/PSA/SIMSD card



Attention:

- Insert or remove SIM/PSA/SIMSD card, make sure the unit is turned off to avoid damage to the card.
- Insert SIM/PSA/SIMSD card can not contain, stickers or adhesive, which may affect the thickness of card and hinder the smooth insertion or removal of cards.

Attention Of Installation And Operation

- Please follow the instruction strictly when installing and connect the terminal.
- The terminal can just use specified power adapter, cannot replace by other, or will cause the terminal work improperly, even damage the terminal.
- Do not damage the power cable and power adapter. It can't be used any more if the power cable or power adapter is damaged.
- Please check power supply socket whether complying with terminal set voltage before insert the AC socket. Recommend to choose the fuse socket, and grounding well.
- Please leave the terminal away from liquid, and forbidden splash into any liquid or electric conduction material, otherwise it will cause a short-circuit or damage the terminal.
- Please do not insert any foreign material into any ports, it will damage the terminal directly.
- Please contact the professional maintenance when the terminal have fault, users or other non-qualified maintainers should not repair the terminal.
- Please use the standard print paper in case of paper jam or printer damage.
- Please do not shake or knock the terminal.
- Please do not use or place flammable spray, painting etc., in case of this.
- Forbidden to disassemble or tamper the terminal. Forbidden to use the terminal in flammable, inflammable and light responsibility.
- Operating temperature: 0°C ~ 50°C. Storage temperature: -10°C ~ 70°C.

Components	Hazardous and noxious substances or elements					
	Pb	Hg	Cd	Cu	Pb	PbDE
Pb Components	0	0	0	0	0	0

Notes:

1) 0 means the content of this hazardous and noxious substance in all the homogeneous material of the component is below the requirement of SJ/T 11363-2006 standard.

2) X means the content of this hazardous and noxious substance at least in certain homogeneous material is higher than the requirements of SJ/T 11363-2006 standard, but the components marked by "X" in the above form are all due to the current industry technology development level and cannot realize the substitution of the hazardous and noxious substances or elements.

Environmental protection indication:

For the products which arrives or exceeds the use life, should be recycled used according to "The Management of Electronic and Information Product" or current document policy.

Packing list

No.	Item	Quantity
1	EF20 Smart Payment Tablet	1
2	Power Adapter	1
4	BM Tray Factor	1

Announcement

Shenzhen Kingcode Technology Co., Ltd. reserves the right to modify this manual without prior notice, and continuously improve the accuracy, reliability and completeness of the information contained in this manual.

Shenzhen Kingcode Technology Co., Ltd. does not accept any legal responsibility for the adverse consequences caused by using this product not in accordance with the manual or using accessories which are not supplied by Shenzhen Kingcode Technology Co., Ltd.

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CE

Shenzhen Kingcode Technology Co., Ltd. declares that the radio equipment type (EF20) is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://www.kingcode.com/pdf/160-219>

Transmitter Frequency:

E-GSM 900: 880-910MHz, DCS 1800: 1710-1785MHz
WCDMA Band 1: 1920-1980MHz
WCDMA Band 5: 880-960MHz
WCDMA Band 8: 880-960MHz
LTE Band 1: 1920-1980MHz, LTE Band 7: 2620-2690MHz
LTE Band 9: 880-960MHz, LTE Band 20: 832-862MHz
LTE Band 28: 750-800MHz, LTE Band 38: 2610-2690MHz
LTE Band 40: 2300-2400MHz, LTE Band 41: 2496-2650MHz
2.4G Wi-Fi: 2412-2472MHz
5.2G Wi-Fi: 5150-5250MHz
5.3G Wi-Fi: 5250-5350MHz
5.8G Wi-Fi: 5470-5725MHz
5.8G Wi-Fi: 5725-5850MHz
BT/BLE: 2402-2480MHz
NFC: 13.56MHz

Receiver Frequency:

E-GSM 900: 825-860MHz, DCS 1800: 1800-1880MHz
WCDMA Band 1: 1910-1970MHz
WCDMA Band 5: 880-960MHz
WCDMA Band 8: 825-860MHz
LTE Band 1: 1910-1970MHz, LTE Band 7: 2620-2690MHz
LTE Band 9: 825-860MHz, LTE Band 20: 750-800MHz
LTE Band 28: 750-800MHz, LTE Band 38: 2610-2690MHz
LTE Band 40: 2300-2400MHz, LTE Band 41: 2496-2650MHz
2.4G Wi-Fi: 2412-2472MHz
5.2G Wi-Fi: 5150-5250MHz
5.3G Wi-Fi: 5250-5350MHz
5.8G Wi-Fi: 5470-5725MHz
5.8G Wi-Fi: 5725-5850MHz
BT/BLE: 2402-2480MHz
NFC: 13.56MHz
GPS L1: C/A, B2S B1, GALILEO E1, GLONASS G1: 1558-1610MHz

RF-Output Power:

E-GSM 900: 32.2dBm(GSM), 26.6dBm(WPSC)
DCS 1800: 29.2dBm(GSM), 23.8dBm(WPSC)
WCDMA Band 5: 22.75dBm
WCDMA Band 8: 23.77dBm
WCDMA Band 8: 23.25dBm
LTE Band 1: 24.69dBm, LTE Band 7: 24.27dBm
LTE Band 9: 24.69dBm, LTE Band 20: 23.26dBm
LTE Band 28: 23.69dBm, LTE Band 38: 24.46dBm
LTE Band 28: 24.35dBm, LTE Band 38: 24.26dBm
LTE Band 40: 23.27dBm, LTE Band 41: 23.76dBm
2.4G Wi-Fi: 17.4dBm
5.2G Wi-Fi: 19.77dBm
5.3G Wi-Fi: 17.77dBm
5.8G Wi-Fi: 16.81dBm
5.8G Wi-Fi: 11.91dBm
BT: <13.56dBm, BLE: <6.69dBm
NFC: 15.94dBm@13.56m

FCC

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.

Any 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 environment.

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.

SAR tests are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. In general, the closer you are to a wireless base station antenna, the lower the power output.

Before a new device is made available for sale to the public, it must be tested and certified to the FCC that it does not exceed the exposure limit established by the FCC. Tests for each device are performed in various positions and locations as required by the FCC. For body worn operation, this device has been tested and meets the FCC RF exposure guidelines when used with an accessory designated for this product or when used with an accessory that contains no metal.

Non-compliance with the above restrictions may result in violation of RF exposure guidelines.



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Manufacturer: Shenzhen Kingcode Technology Co., Ltd.
Factory address: Fourth Floor, 4018B, 4018C, 4018D, 4018E, 4018F, 4018G, 4018H, 4018I, 4018J, 4018K, 4018L, 4018M, 4018N, 4018O, 4018P, 4018Q, 4018R, 4018S, 4018T, 4018U, 4018V, 4018W, 4018X, 4018Y, 4018Z, 4018AA, 4018AB, 4018AC, 4018AD, 4018AE, 4018AF, 4018AG, 4018AH, 4018AI, 4018AJ, 4018AK, 4018AL, 4018AM, 4018AN, 4018AO, 4018AP, 4018AQ, 4018AR, 4018AS, 4018AT, 4018AU, 4018AV, 4018AW, 4018AX, 4018AY, 4018AZ, 4018BA, 4018BB, 4018BC, 4018BD, 4018BE, 4018BF, 4018BG, 4018BH, 4018BI, 4018BJ, 4018BK, 4018BL, 4018BM, 4018BN, 4018BO, 4018BP, 4018BQ, 4018BR, 4018BS, 4018BT, 4018BU, 4018BV, 4018BW, 4018BX, 4018BY, 4018BZ, 4018CA, 4018CB, 4018CC, 4018CD, 4018CE, 4018CF, 4018CG, 4018CH, 4018CI, 4018CJ, 4018CK, 4018CL, 4018CM, 4018CN, 4018CO, 4018CP, 4018CQ, 4018CR, 4018CS, 4018CT, 4018CU, 4018CV, 4018CW, 4018CX, 4018CY, 4018CZ, 4018DA, 4018DB, 4018DC, 4018DD, 4018DE, 4018DF, 4018DG, 4018DH, 4018DI, 4018DJ, 4018DK, 4018DL, 4018DM, 4018DN, 4018DO, 4018DP, 4018DQ, 4018DR, 4018DS, 4018DT, 4018DU, 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