

封面

安全警告

请认真阅读随设备插入与配件电源适配器上标识输入相对应的交流电路图；

- 不能在非安全区域打开设备。
- 请勿在危险场所充电。
- 仅用原装电池。
- 可能存在爆炸性气体时请勿更换电池。
- 关于电池的更换：
 - ① 用原装型号电池更换会有爆炸危险！
 - ② 更换后的旧电池应交维修人员处置，切勿把它投入火中！

重要安全说明

- 避免在雷电期间安装或使用，否则有被雷电击的危险；
- 当您发现有异常气味、过热或烟雾情形下，请立即切断电源；

建议

- 不要在极冷、热环境中使用，例如靠近火源或点燃的香烟；
- 不要摔、扭坏或弯折；
- 应远离潮湿无盐环境中使用，避免细小物品落入机身中；
- 在系统内存的情况下，不要在医疗设施附近使用；
- 产品工作温度为 -10°C-50°C。
- 仅适用于海拔 5000m 及以下地区安全使用；
- 如果长期不使用设备，为避免电池过放，建议对设备进行充电，例如如果您打算将设备存放六个月以上，应每隔六个月为设备充至半电状态。

声明

本公司不对以下行为负责

- 不在本说明书规定的条件下使用和遵守所造成损坏；
- 对于因操作耗材（非本公司提供之最初产品或认可产品）造成的损坏或问题；（未经本公司同意，无权进行产品修改或改动）；
- 本产品的操作系统支持官方的系统更新，如果用户附了第三方的 ROM 系统或者采用破解方式修改了系统文件，可能会导致系统不稳定，以及带来安全风险和安全威胁。

免责声明

由于产品的更新，本文档的某些细节可能与产品不符，请以实物为准。本文档的解释权归本公司，保留不事先通知的情况下，修改本说明书的权利。

系统预置软件列表

以上软件详细信信息方法为：选择“设置 -> 应用”，选择相应软件名称进行查看信息；软件卸载方法：选择“设置 -> 应用 -> 管理应用 -> 卸载”卸载应用；或长按图标，拖曳到垃圾图标卸载。

设备用途

设备的应用场景是零售、餐饮门店等生活服务的收银场景。本产品作为硬件和系统接口载体，后续需根据实际场景安装对应的 APK 才可以实现以上功能。

本产品有毒有害物质名称及含量标识表

部件名称	有毒有害物质或元素				
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)
电源板组件	×	○	○	○	○
壳体组件	○	○	○	○	○

○ 表示该有毒有害物质在设备所有材料中的含量均符合 T11361:2005 规定的限量要求如下。
× 表示该有毒有害物质在设备所有材料中的含量均不符合 T11361:2005 规定的限量要求。但是上表中打 “×” 的部件，其含量虽因设备为最终产品无法消除但仍可获授权豁免。

此表格仅适用于本设备的产品，不作为《电子产品有害物质限制使用决议》规定的回收再利用，不作为废弃物。

产品保修卡

产品名称：	以下情况恕不提供免费保修：
产品型号：	• 非官方渠道购买非原厂产品；
产品编号：	• 产品进水、受潮、摔裂及人为损坏、改装、拆解、
保修日期：	• 非原厂配件或非原厂配件造成的故障、损坏或损坏他人财产；
保修条款：	• 因不可抗力因素造成的故障、损坏或损坏他人财产；
保修方式：	• 保修期间内，保修费用自理。
保修地址：	
联系电话：	

(一) 符合“低功耗短距离无线电发射设备目录和技术要求”第一类通用低功耗设备第 3 款 C 类设备的规定，内置 NFC 天线，1.5A/m²磁 场强度<7.5A/m，用户可通过“设置 - 已连接的设备 - 连接偏好设置 -NFC”来打开和关闭 此功能；

(二) 不得擅自改变使用场景或使用条件，扩大发射频率范围、加大发 射功率（包括额外加装发射功率放大器），不得擅自更改发射天线；

(三) 不得对其他合法的无线电台（站）产生有害干扰，也不得做出免 受有害干扰保护；

(四) 应当采取电磁屏蔽能量的工业、科学及医疗 (ISM) 应用设备的 干扰或其他合法的无线电台（站）干扰；

(五) 应对其他合法的无线电台（站）产生有害干扰时，应立即停止使用，并采取措施消除干扰后方可继续使用；

(六) 在航空器附近电磁兼容法律法规、国家有关规定、标准划设的射电天文台、气象雷达站、卫星地球站（含测控、测距、接收、导航站）等 禁止用无线电台（站）、机等等的电磁环境保护区域内使用功率设备，应当遵守电磁环境保护及相关部门的规定；

(七) 禁止在以机场跑道中心点为圆心、半径 5000 米的区域内使用各类 模型遥控器；

(八) 本产品的 NFC 功能可在常温下工作，由自带适配器供电。

Display Screen

Used for showcasing multimedia features and prices among other information. Available sizes: 8.7-inch, 11-inch, and 14-inch.

Power On / Press the Power Button to Start / Fingerprint Version (Optional)

Short Press: turn on the screen or lock the screen;
Long Press: press for 2-3 seconds to boot up the device when it is off.
Press for 2-3 seconds to power off or restart the device when it is on.
Press for 10 seconds to power off the device when it crashes.

Micro SD Card/Nano SIM Card (Optional)

Used for Micro SD card and Nano SIM card installation.

NFC Card Reader (Optional)

Used for NFC card reading.

Scanner

Photo taking and quick 1D/2D code scanning supported.

Expansion Port

Used for connecting accessories.

Type-C Port

Used for charging the device and for developer debugging.

Safety Warning

Please insert the AC plug into the AC socket corresponding to the input marked on the power adapter.

- Do not operate the device in non-safe areas.
- Do not replace the battery when explosive gas may be present.
- Do not charge the device in dangerous places.

Battery Replacement:

- There is a risk of explosion if the battery is replaced by an incorrect type!
- The old battery shall be given to the maintenance personnel for disposal. Do not throw it into fire!

Suggestions

- Please avoid installation or usage during thunderstorms to prevent the risk of being struck by lightning.
- Please disconnect the power immediately once you find any abnormal odors, overheating, or smoke.

EU regulatory conformance

Hereby, Shanghai Sunmi Technology Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Radio Equipment Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <https://developer.sunmi.com/docs/read/en-US/mageghj480>

RESTRICTIONS OF USE

This product may be used in the following European member states subject to the following restrictions. For products that operate in the frequency band 5150-5350MHz and 5945-6425 MHz, shall be restricted to indoor use.

Statements

The company is not responsible for the following actions:

- Damage caused by use and maintenance without the conditions described in this guide;
- The company will not be responsible for any damages or problems caused by the alternatives or consumables (not the original products or approved products provided by the company). (Without consent of the company, it is not authorized to make product modifications or changes);
- The operating system of this product supports official system updates. If the user flashes a

thirdparty ROM system or modifies the system files using cracking methods, it may cause system instability as well as pose security risks and threats.

Disclaimer

Due to product updates, some details of this document may not match the product, please refer to the actual product, and the right to interpret this document belongs to the company. The right to modify this guide without prior notice is reserved.

RF Exposure Statement (SAR)

This equipment complies with EU radiation exposure limits set forth for an uncontrolled environment. Please refer to the instruction on SUNMI website for specific values. The product SAR limit for Europe is 2.0 W/kg for body, it has also been tested against this SAR limit. The highest SAR value reported under this standard during product certification when properly worn on the body(0mm) is 1.976 W/kg.

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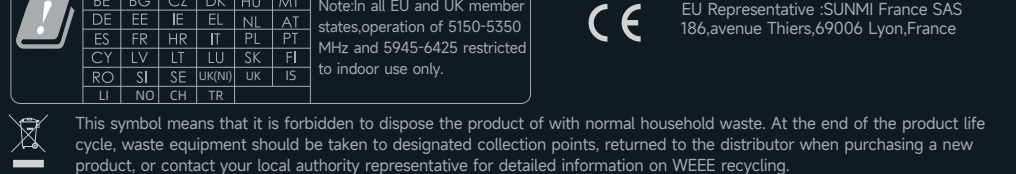
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Frequency and Power for EU:

Please refer to the instruction on SUNMI website for specific values.

PRODUCT SAFETY WARNINGS

Before using the device, please make sure you have read all instructions and safety warnings carefully to avoid getting injured during the use. Please ensure the operating temperature of this product is within the range required by the manufacturer.

The operating temperature of this product can be found by scanning the provided barcode. Please refer to the instruction on SUNMI website for corresponding models.

Technical specifications

CE certification information (SAR)

This device was tested for typical body-worn operations with the back of the handset kept 0mm away. To maintain compliance with RF exposure requirements, use accessories that maintain 0mm separation distance between the user's body and the back of the handset. 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 RF exposure requirements, and should be avoided.

If you are using pacemaker, hearing aid, cochlear implant or other device, please use the phone according to the doctor's advice.

PRODUCT SAFETY WARNINGS

Use responsibly. Read all instructions and safety information before use to avoid injury. The limit operating ambient temperature of the equipment declared by the manufacturer is -10~50°C.

Battery safety

Charge battery only at ambient temperatures ranging from 40°C.

(1) CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer. Dispose of used batteries according to battery manufacturer's instructions.

(2) CAUTION: Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

(3) CAUTION: Battery charging temperature upper limit is 40°C.

Adapter safety

When charging, please place the device in an environment that has a normal room temperature and good ventilation. It is recommended to charge the device in an environment with a temperature that ranges from 0°C-40°C.

For altitude 5km below use only

Wi-Fi Safety

Turn Wi-Fi off in areas where Wi-Fi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.

ISED Canada compliance statements

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'ISED Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) L'appareil ne doit pas produire de brouillage, et (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Operation of transmitter is in the 5925-7125MHz band is prohibited for control of or communications with unmanned aircraft systems and is restricted to indoor usage only. Le fonctionnement de l'émetteur dans la bande 5925-7125 MHz est interdit pour le contrôle ou les communications avec les systèmes d'aéronefs sans pilote et est limité à l'utilisation intérieure seulement.

FCC compliance statement

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 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.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Operation of transmitter is in the 5925-7125MHz band is prohibited for control of or communications with unmanned aircraft systems and is restricted to indoor usage only.



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产品合格证
已检验合格

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