说明书页面顺序

80mm

160mm

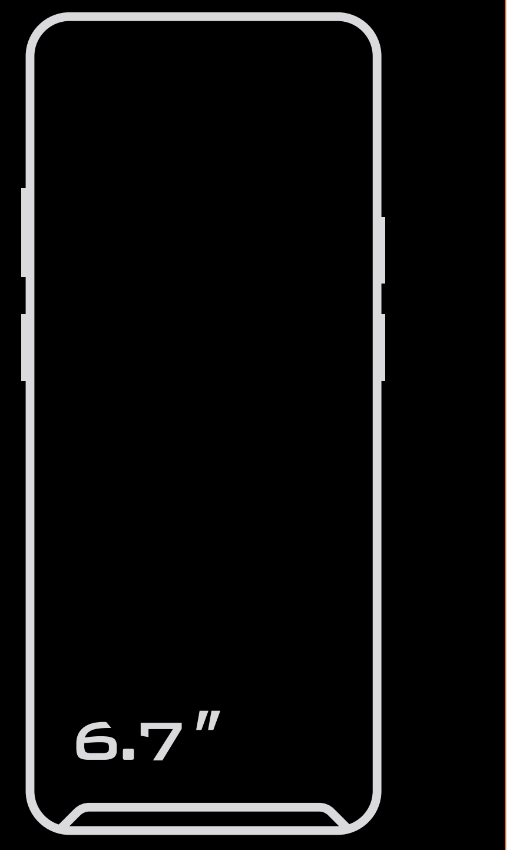
扫码了解更多
Scan to know more

产品合格证
已检验合格

上海商米科技集团股份有限公司
地　址：上海市杨浦区淞沪路388号505室
网　址：www.sunmi.com　　服务热线：400-6666-509

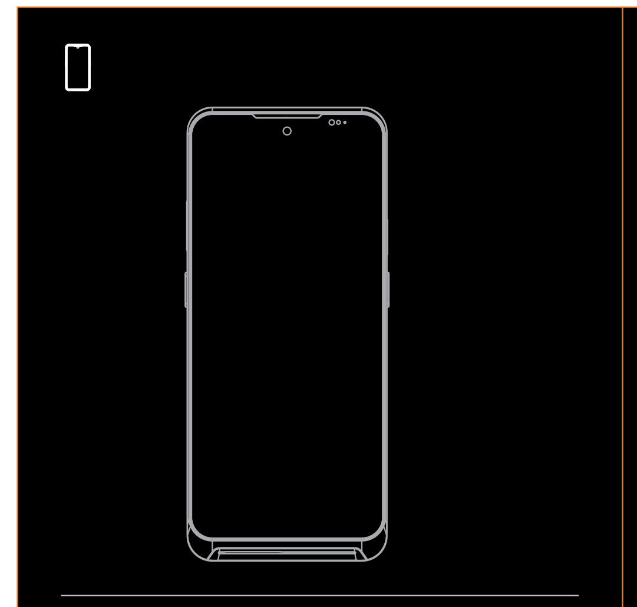
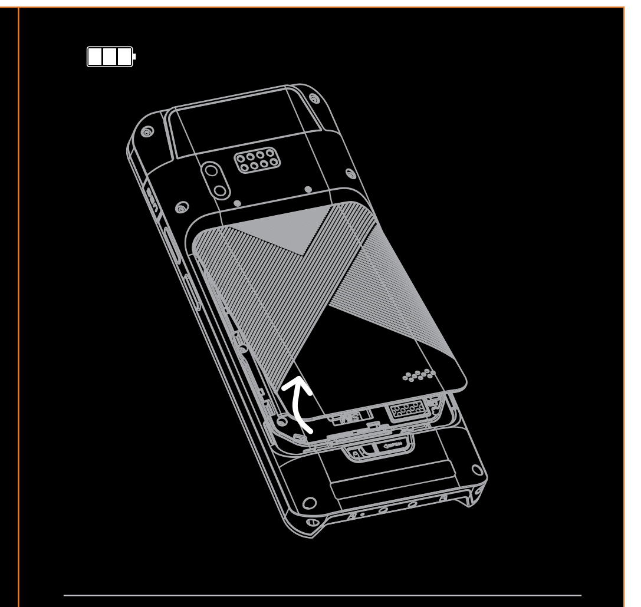
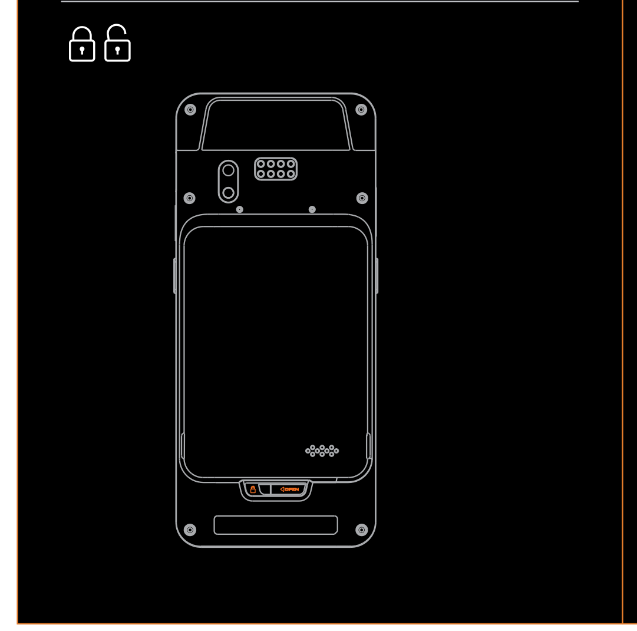
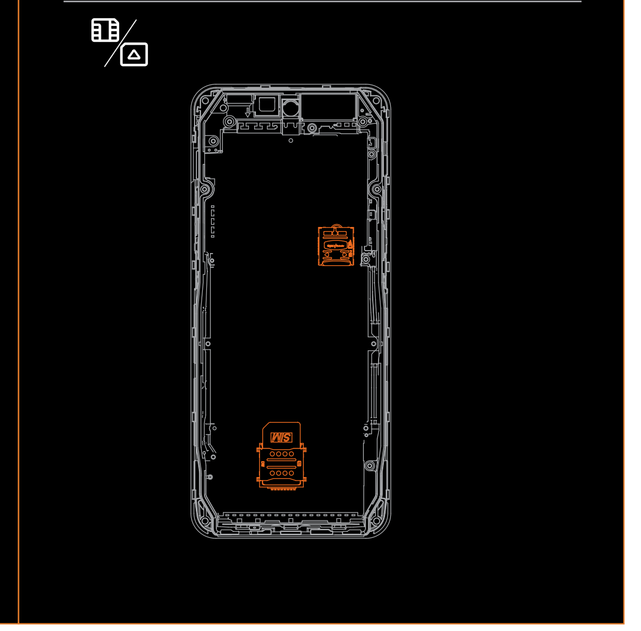
M050

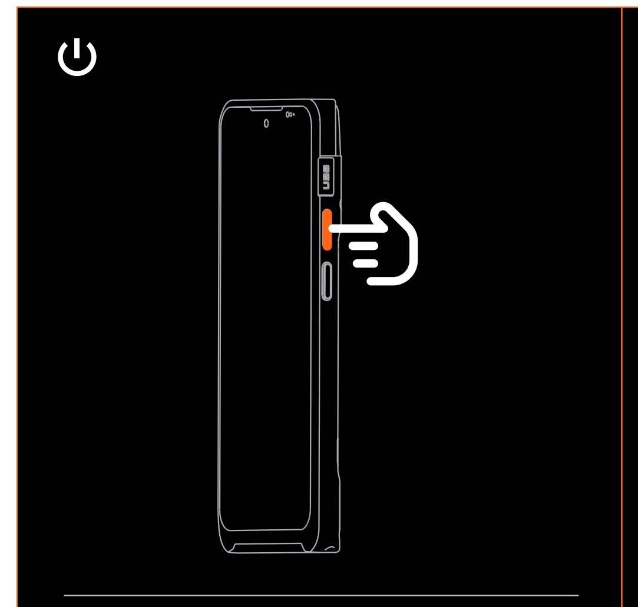
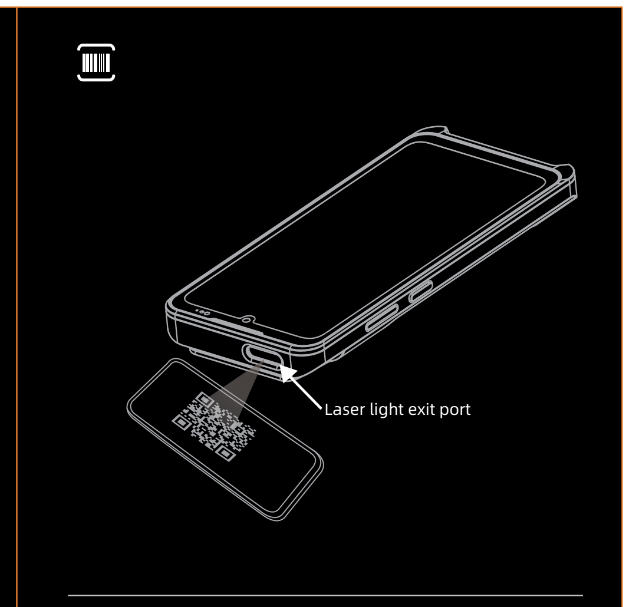
P3 AIR

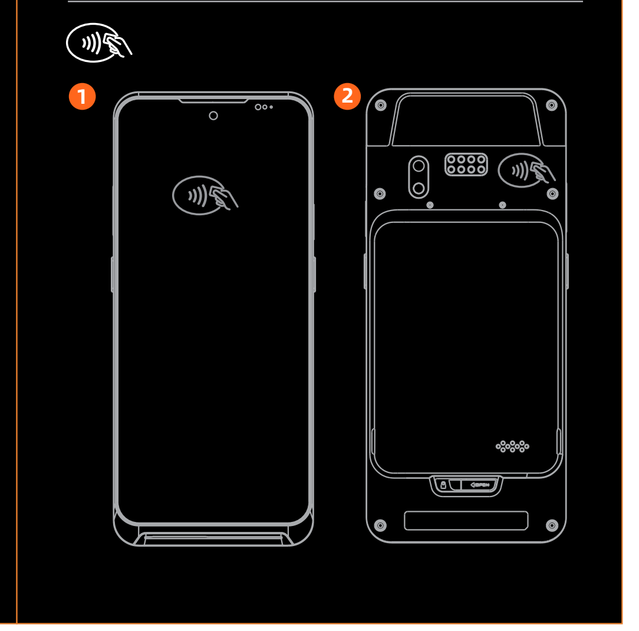


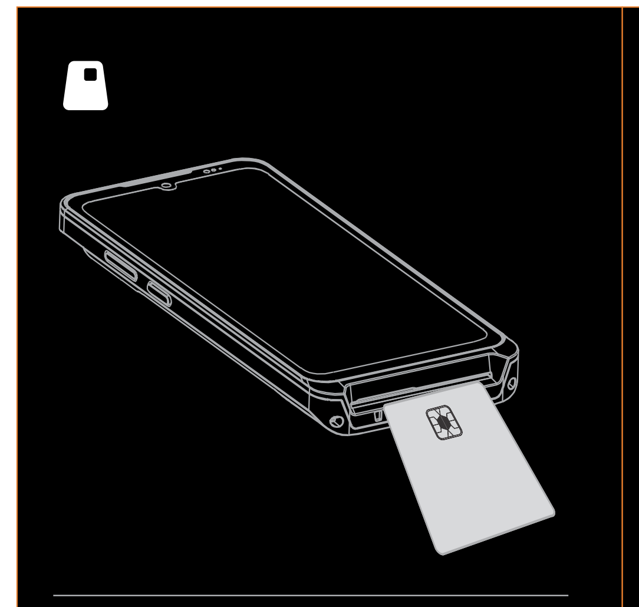
Model:T6F0A/T6F0B

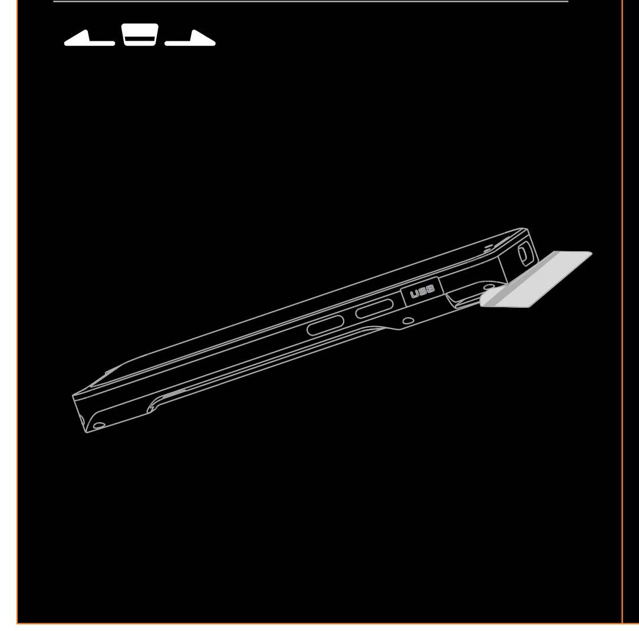
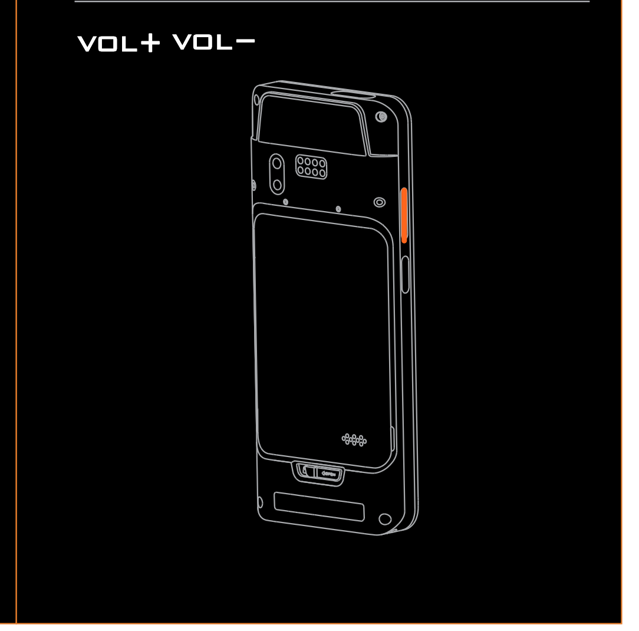
封底　　封面

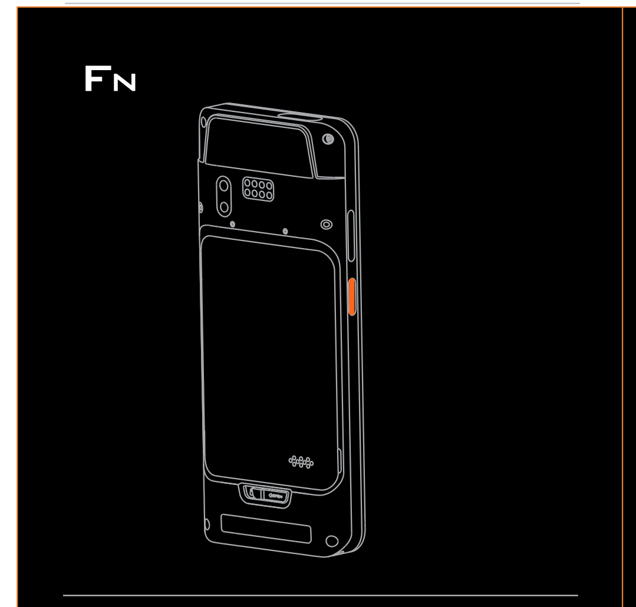





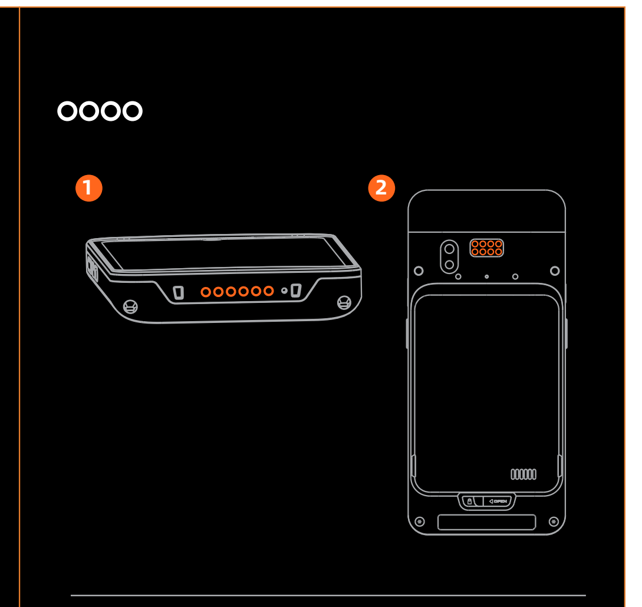



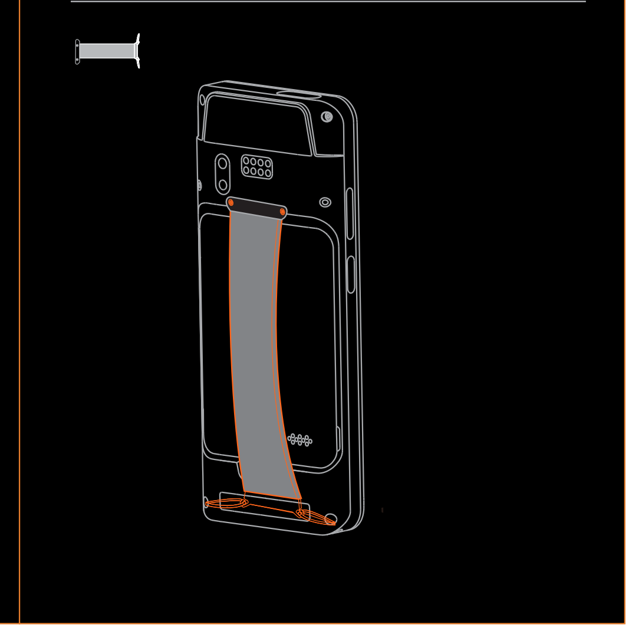










显示屏
用于显示多媒体功能及价格信息等。

后盖锁
左右滑动实现电池盖开关功能。
注意：电池盖须安装在设备上，否则将影响正常使用。

电池
打开电池盖，按照箭头指示方向装取电池盖。

PSAM 卡、Micro SD 卡、Nano SIM 卡
用于插入PSAM卡、Micro SD卡及Nano SIM卡。

电源键
短按：点亮屏幕，锁定屏幕。
长按：关机状态下，长按 2-3 秒开机；
　　使用状态下，长按 2-3 秒，可选择关机或重启；
　　死机状态下，长按 11 秒，自动重启。

前置 / 后置摄像头
支持拍照及快速扫码。

扫码
支持拍照及1D/2D快扫码。

NFC 读卡器
用于感应闪付卡。

IC 读卡器
用于插入银行芯片卡，支持双面插卡。

磁卡读卡器
用于刷银行卡磁条信息。

指示灯
用于充电、信息、扫描等灯光提示。

VOL+ VOL−

音量键（选配）
调节音量大小。

Type-C
支持 OTG和充电

扫码键
短按启动扫码功能。

OOOO

Pogo Pin
用于连接相关配件。

手带（选配）
使用更便捷。

安全警告
- 请将交流电插头插入与配件电源适配器上标识输入相对应的交流电插座中；
- 此为B级产品。在生活环境中，该产品可能会造成无线电干扰。在这种情况下，可能需要用户对于干扰采取切实可行的措施。
- 不能在非安全区域打开设备。
- 请勿在危险场所充电。
- 仅使用原装电池。
- 可能存在爆炸性气体时请勿更换电池。
- 关于电池的更换：
  ① 用错误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，否则有被雷电电击的危险；
- 当您发现有异常气味，过热或烟雾情形下，请立刻切断电源；

建议
- 不要在极端冷、热环境中使用，例如靠近火源或点燃的香烟；
- 不要摔、投掷或弯折；
- 尽量在清洁无尘环境中使用，避免细小物品落入终端中；
- 在未获允许的情况下，不要在医疗设备附近使用；
- 产品工作温度为-20℃~55℃。
- 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，建议对设备进行补电，例如如果你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
- 不在本指南说明的条件下使用和维护所造成的损坏；
- 对于因选件或耗材(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变动)
- 本产品的操作系统支持官方的系统更新，如果用户刷了第三方的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。

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

系统预置软件列表
- 应用市场 · 推送服务 · 用户反馈 · 数据服务 · 启动器 · 硬件管家
- 音量键功能自定义 · BaseService · 定制服务(壁纸、开机动画)
- 开发者指南(调试小助手) · 使用指南 · 开机指导 · 远程协助 · OTA

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)	多溴二苯醚 (PBDE)
电路板组件	×	○	○	○	○	○
结构件	○	○	○	○	○	○
包装件	○	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006规定的限量要求以下。

X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006规定的限量要求；但是上表中打“×”的部件，其含量超出是因为目前业界还没有成熟的可替代的技术。

对达到或超出环保使用年限的产品，应依据《电子信息产品控制管理办法》规定进行回收再利用，不应随意丢弃。

产品保修卡

产品名称：__________
产品型号：__________
产品编号：__________
购买日期：__________
保修期限：自购买之日起，我公司提供____天保修服务。

以下情况恕不提供免费保修：
- 未经允许擅自拆卸修理的产品。
- 产品条码、易碎贴破损及保修卡涂改、残缺的。
- 未按照说明书的要求操作设备所引起的故障。
- 因进水或跌落而造成的故障、划伤或破损的人为损坏。
- 因不可抗拒因素造成的故障或损坏。
- 保修期限外。

联系方式：
- 公司地址：__________
- 联系电话：__________

进网警语：
操作系统仅支持官方升级，如果用户自己刷非官方系统，导致安全风险和损失由用户负责。（可能存在的风险有：用户信息被盗取，自动发送信息，定位您的位置等）
设备用途：设备的应用场景是快递，物流，零售，餐饮等行业。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才可实现以上功能。

(一)符合“微功率短距离无线电发射设备目录和技术要求”第一条通 用微功率设备第3款C类设备的规定，　内置环形NFC天线，1.5A/m≤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(包括额外加装射频功率放大器)，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，也不得提出免 受有害干扰保护;
(四)应当承受辐射射频能量的工业、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) 如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)在航空器内和依据法律法规、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 军民用无线电台(站)、机场等的电磁环境保护区域内使用微功率设 备，应当遵守电磁环境保护及相关行业主管部门的规定;
(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，由自带适配器和电池供电。

Display
Used for multimedia functions and information display, etc.

Back Cover Lock
Slide left and right to switch the battery cover function.
Note: The battery cover should be installed on the device, otherwise it will affect normal use.

Battery
Open the battery cover, install or remove the battery in the direction indicated by the arrow.

PSAM card slot, Micro SD card slot, Nano SIM card slot
You can insert a PSAM card slot, Micro SD card slot and Nano SIM card slot

Power button/Fingerprint recognition (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 11 seconds to power off the device when it crashes.

Front/Rear camera
Supports photo taking and quick code scanning.

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

NFC (optional)
NFC cards can be tapped and read through this.

IC Card Reader
Used for reading chip cards. Dual-sided insertion is supported.

Indicator light
Light indicators used for charging, information, scanning, etc.

Volume keys (optional)
Adjusting the volume.

Function keys
You can set a shortcut function.

Type-C
Can be used for charging devices and for developer debugging purposes.

Scan Button
Short press the button to enable scanning function.

Expansion interface (optional)
For connecting related accessories.

Hand starp
Use more conveniently.

Safety Warning
Please insert the AC plug into the AC socket corresponding to the input marked on the power adapter;
- This is a class B product. In a residential environment, this product may cause radio interference. In this case, it may be necessary for the user to take practical measures to address the interference.
- 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:

① There is a risk of explosion if the battery is replaced by an incorrect type!
② The old battery shall be given to the maintenance personnel for disposal. Do not throw it into fire!

Caution
- 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.

Suggestions
Do not use the devcie under extreme cold or hot enrionment, such as conditions near fire or lit cigarettes;
Do not throw, drop, or bend the device;
- Try to use the device in a clean and dust-free condition to avoid small items falling into the terminal;
- Do not use the device near medical equipment without permission;
- This device is only suitable for safe use in areas with an altitude of 5000m and below.
- Before storing your device for an extended period,please charge the battery to the optimal level to prevent deep discharge. For instance, if you plan to store the device for more than six months, it's recommended to charge it to 50% of its capacity every six months.

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 third-party 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.

Pre-installed Software List
- SUNMI App Srore · Launcher
- Function Keys Customization · BaseService · Customization Service (Wallpaper, Boot Animation)
- Developer Guidance (Testing Assistant) · User Guide · Startup Guide
- Remote Assistance · SUNMI OTA

How to check the above software details: select "Settings-Applications" and select the corresponding software name to view information.
To uninstall software, select "Settings-Applications-Manage Applications-Uninstall" or long-press on the icon and drag it to the "Recycle Bin".

PRODUCT SAFETY WARNINGS
To prevent possible injury, please read all instructions and safety information before you use the product.
Operating temperature: -10℃ ~ 50 ℃,
Storage temperature: -20 ℃ ~ 60 ℃.

Battery safety
Charge the battery only at ambient temperatures ranging from 0°C to 45°C.
CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or an equivalent type of battery recommended by the manufacturer.
Dispose of used batteries according to the battery manufacturer’s instructions.

* The product information listed on this page may be updated from time totime due to product upgrades or other reasons. SUNMI reserves the right tomodify the product information and contents on this page without notice.

RF Exposure Statement (SAR)
This device has been tested and meets EU, FCC and IC RSS-102 applicable limits for radio frequency (RF) exposure.
Please visit: www.sunmi.com.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.End user must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be colocated or operating in conjunction with any other antenna or transmitter.The portable device is designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA). These requirements set a SAR limit of 1.6 W/kg for body&Head and 4W/kg for extremity averaged over one gram of tissue. The highest SAR value reported under this standard during product certification for use when properly worn on the body.The minimum separation distance for body-wom accessories is 10mm, the minimum separation distance for Extremity is 0 mm.

CE SAR:
The product SAR limit for Europe is 2.0 W/kg (10g) for head, 4.0 W/kg (10g) for Limb-worn. [Smart POS System,T6F0A/T6F0B] 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 is 1.25 W/kg and head (0mm) SAR is 0.24 W/kg.

Cet équipement a été testé et respecte les limites applicables pour l'exposition aux radiofréquences (RF). Les limites de DAS dépendent de l'utilisation de cet équipement contre la tête ou la main. La limite de DAS IC pour les extrémités est de 4,0 W/kg (10 g) et la limite de DAS pour la tête est de 1,6 W/kg (1 g). La valeur de DAS la plus élevée rapportée selon cette norme lors de la certification du produit en mode tenu à la main est de 1,08 W/kg pour les extrémités (10 mm) et de 0,47 W/kg pour la tête (0 mm).

EU regulatory conformance
Conformity CE
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/maaeghjk480
Product can be operated in at least one Member State without infringing applicable requirements of the use of radio spectrum. (RED article 10.2).
INFORMATION ABOUT THE SOFTWARE
The description of accessories and components, including software, which allow the radio equipment to operate as intended, can be obtained in the full text of the EU declaration of conformity at the following internet address:
https://developer.sunmi.com/docs/read/en-US/maaeghjk480
RESTRICTIONS OF USE
5150-5350MHz only be used by indoor.

BE	BG	CZ	DK	HU	MT
DE	EE	IE	EL	NL	AT
ES	FR	HR	IT	PL	PT
CY	LV	LT	LU	SK	FI
RO	SI	SE	UK(NI)	UK	IS
LI	NO	CH	TR		

Note:In all EU and UK member states,operation of 5150-5350 MHz restricted to indoor use only.

EU Representative:SUNMI France SAS
186,avenue Thiers,69006 Lyon,France

This symbol means that it is forbidden to dispose the product of with normal household waste. At the end of the product life cycle, waste equipment should be taken to designated collection points, returned to the distributor when purchasing a new product, or contact your local authority representative for detailed information on WEEE recycling.

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.

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'ISDE 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.

Manufacturer: Shanghai Sunmi Technology Co., Ltd.
Room 505,No.388 Song Hu Road, Yang Pu District, Shanghai, China

Technology	Operation Frequency	EU Power
GSM900	880-915(TX),925-960(RX)	35dBm
GSM1800	1710-1785(TX),1805-1880(RX)	32dBm
WCDMA Band1	1920-1980MHz(TX), 2110-2170MHz(RX)	25dBm
WCDMA Band5	824-849MHz(TX), 869-894MHz(RX)	25dBm
WCDMA Band8	880-915MHz(TX), 925-960MHz(RX)	25dBm
LTE Band 1	1920-1980MHz(TX), 2110-2170MHz(RX)	25dBm
LTE Band 3	1710-1785MHz(TX), 1805-1880MHz(RX)	25dBm
LTE Band 5	824-849MHz(TX), 869-894MHz(RX)	25dBm
LTE Band 7	2500-2570MHz(TX), 2620-2690MHz(RX)	25dBm
LTE Band 8	880-915MHz(TX), 925-960MHz(RX)	25dBm
LTE Band 20	832-862MHz(TX), 791-821MHz(RX)	25dBm
LTE Band 28	703-748MHz(TX), 758-803MHz(RX)	25dBm
LTE Band 34	2010-2025MHz(TX), 2010-2025MHz(RX)	25dBm
LTE Band 38	2570-2620MHz(TX), 2570-2620MHz(RX)	25dBm
LTE Band 40	2300-2400MHz(TX), 2300-2400MHz(RX)	25dBm
LTE Band 41	2496-2690MHz(TX), 2496-2690MHz(RX)	25dBm
BT	2402-2480MHz(TX/RX)	10.34dBm
BLE	2402-2480MHz(TX/RX)	8.61dBm
2.4G WiFi	2412-2472MHz(TX/RX)	19.93dBm
5G WiFi	5150-5350MHz(TX/RX)	20.68dBm
5G WiFi	5470-5725MHz(TX/RX)	20.93dBm
5G WiFi	5725-5850MHz(TX/RX)	13.29dBm
NFC	13.56MHz(TX/RX)	24.90dBμV/m@10m
GNSS	1559-1610MHz(RX)	/

LASER LIGHT
DO NOT STARE INTO BEAM
CLASS 2 LASER PRODUCT
Wavelength: 650-660 nm
Maximum average output: 1 mW
Pulse duration: 16.5 ms
IEC 60825-1: 2014
EN 60825-1: 2014+ A11: 2021

There is laser light from the scanner, Class 2 laser product, please do not stare into beam.
The terminal is not allowed to be maintained or repaired by itself.

• Wavelength	650-660 nm
• Beam divergence	0,12 rad
• Pulse pattern	Pulse duration: 16,5 ms, 60 Hz
• Maximum power	Max average power: 1 mW