

Phone card reader

G1

Intelligent Mobile

Terminal

Made by yogia

User manual

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欢迎使用智能移动手机终端产品-G1，感谢您的信任和支持！
为了方便您对 G1 的使用，请您务必仔细阅读本说明书，这将帮助您安全高效的使用本产品！

Welcome to use the intelligent mobile terminal product G1, and thanks for your trust and support. For your better use of G1, please read this instruction carefully which will help you use this product safely and efficiently.

01/ PRODUCT INTRODUCTION

产 品 简 介

▲G1 是新一代移动支付终端，可方便接入上位机（智能手机、平板电脑等），满足小微商户便捷易用、低成本的支付需求。

▲G1, the new generation mobile payment terminal, can conveniently access into upper computers such as smart phones, tablet PCs, and its convenient and cost-effective features guarantee small-sized company of their payment requirement.

02/ SAFETY PRECAUTION

安 全 注 意 事 项

▲ 本机只能使用 5V 电源充电（电脑的 USB 接口，手机充电器，移动电源等），切勿用其他电源替代，否则有可能导致机器工作不正常甚至损坏机器！

▲ It can only be charged under 5V power supply, such as through USB port, mobile phone charger and mobile power bank. Do not use any other power sources, or it may cause abnormal working condition and damages to the product.

▲ 使用本机电池的一般注意事项；

a. 切勿拆卸、挤压、刺破本机；

b. 切勿将机器放置于火中或水中；

c. 切勿放置在 60℃ 以上的高温环境中，只能在 -20℃ ~ 60℃ 温度下储藏；

d. 寻求厂商的支持，正确更换电池，当电池达到使用寿命后，不可随意丢弃，需根据当地的环保要求，予以妥善处理。

▲ General safety on using battery:

A. Do not disassemble, squeeze and puncture this product.

B. Do not place this product in fire and water.

C. Do not put it in the place where temperature is above 60℃, and store the product at the temperature of -20℃ ~ 60℃.

D. Ask for technique support of changing battery form the manufacturer. When the battery runs out, do not discard it deliberately. It must be handled properly in accordance with the local environmental

speculations.

▲ 请勿用酒精或其他腐蚀性液体清洁本机。

▲ Do not use alcohol or any other corrosive liquid to clean this product.

03/ PACKING LIST

装 箱 清 单

▲ 本机完整的包装盒中应包括以下部件,开箱时请检查是否齐全:

▲ The following parts should be included in the packing box, make sure they are not missing when you open the box.

a. G1 主机 1 台 b. USB 充电线 1 条 c. 音频线 1 条

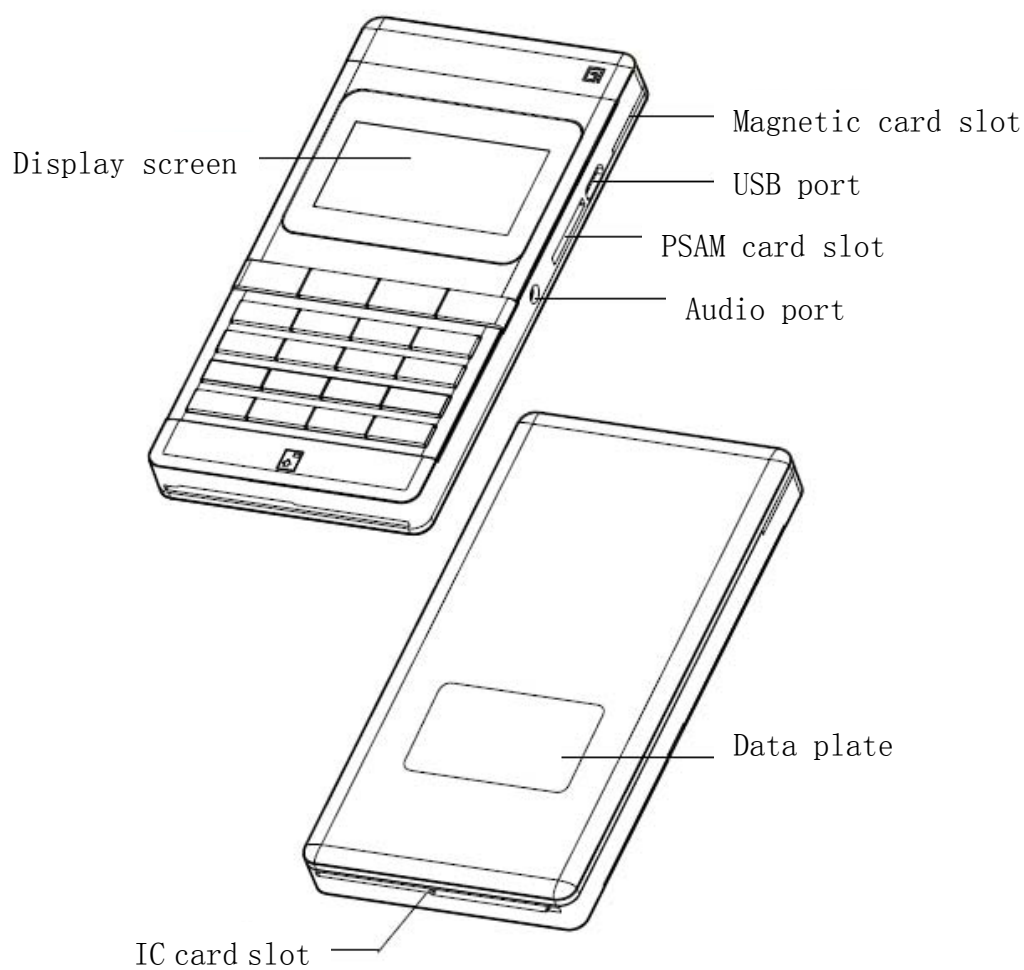
d. 产品说明书 1 份 e. 擦拭布 1 块 f. 皮套(选配)

a. 1 G1 main machine b. 1 USB charge cable c. 1 audio cable

d. 1 product instruction e. 1 peace of wiping cloth f. leather case (optional)

04/ APPEARANCE OF A PRODUCT

产 品 外 观 示 意 图



05/

FUNCTIONS OF EACH PART

各 部 分 功 能 介 绍

▲显示屏: 黑白显示器,128*64 点阵, 白色背光

▲display screen: black and white

display screen with 128*64 dot matrix and white backlight

- ▲磁卡刷槽：支持 23 磁道刷卡
- ▲Magnetic card slot: realize 23 magnetic track credit card
- ▲USB 接口：USB 下载、充电接口
- ▲USB port: for USB downloading and battery charging
- ▲PSAM 卡槽：支持 PSAM 卡
- ▲PSAM slot: support PSAM card
- ▲音频口：音频通讯插口
- ▲Audio port: for audio communication
- ▲铭牌：标识产品的型号、名称、额定参数、条形码
- ▲Data plate: shows the product version, name, rated parameters and barcode
- ▲键盘：10 个数字/字母键，5 个功能键
- ▲Keyboard: 10 numeric/letter keys and 5 functional keys
- ▲IC 卡插槽：支持 PBOC 卡
- ▲IC card slot: support PBOC card

▲ 安装 PSAM 卡（可选配置）

插卡：将 PSAM 卡有芯片的一面朝上,按照图 1 所示方向放入卡槽
(请在关机状态下插、拔 PSAM 卡);

▲ PSAM card installation (optional configuration)

Card insertion: put the PSAM card into the slot with the ship facing up as
Figure 1 show. Please insert and plug the PSAM card at the power off
situation.

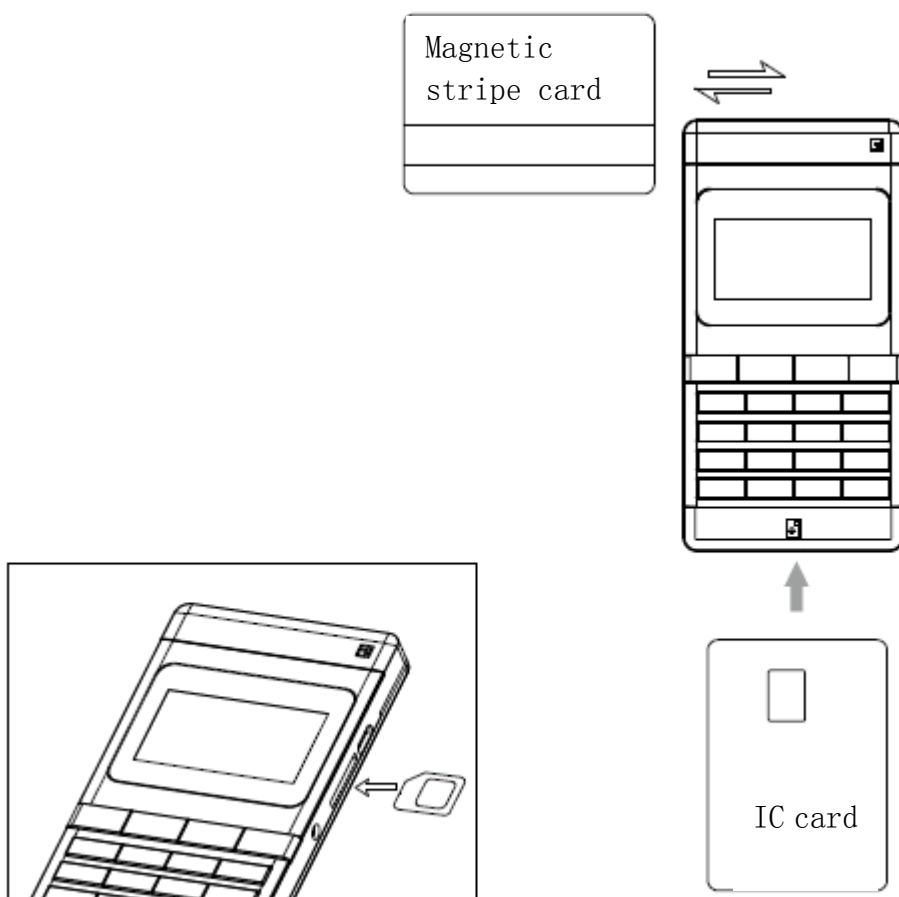


Figure 1

Figure 2

▲ 插 IC 卡：手持 IC 卡,芯片朝上,将 IC 卡有芯片的一侧对准插卡

槽,插入直到底部。(见图 2)

▲ IC card insertion: hold on the IC card with chip facing up, and align it with the card slot, and then insert it to the bottom. (see Figure 2)

▲ 充电: 用 USB 充电线连接 G1 和电源 USB 接口 (电脑或者通用的 USB 电源适配器)。

▲ Battery charging: connect G1 to the USB port (computer or USB power adapter) through a USB charging cable.

07/ TECHNICAL SPECIFICATIONS

技 术 规 格

▲ 处理器 (CPU) 高性能 32 位安全 CPU

▲ Central Processing Unit (CPU) 32 bit high performance CPU

▲ 外形尺寸 120*63*11mm (长宽
高) ..

▲ Dimension 120*63*11mm
(L*W*H)

▲ 存储器 大容量存储器

▲ Memory high-capacity
memory.

- ▲ 显示器 黑白显示器, 128*64 点阵, 白色背光
- ▲ Display screen black and white display screen with
128*64 dot matrix and white backlight
- ▲ 按键 键盘 10 个数字/字母键, 5 个功能键
- ▲ Keyboard 10 numeric/letter keys and 5 functional keys
- ▲ 磁卡阅读器 符合 ISO7811、ISO7812 标准, 2/3 磁道, 横向双向刷卡
- ▲ Magnetic card reader meet ISO7811 and ISO7812
standard, 2/3 magnetic slot and horizontally bi-directional card swiping
- ▲ IC 卡读写器 1 个用户卡, 符合 PBOC3.0 标准
- ▲ IC card reader 1 user card and meet the PBOC3.0 standard
- ▲ 重量 约 100g, 配置不同重量会有差异
- ▲ Weight about 100g, and different configuration has different weight
- ▲ 可选 PSAM 卡座 1 个 PSAM 卡座
- ▲ Optional PSAM card cassette one PSAM card cassette
- ▲ 通讯方式 蓝牙或音频口
- ▲ Communication way Bluetooth or audio port
- ▲ 内置密码键盘 支持 MK/SK、Fixed、DUKPT 密钥管理模式
- ▲ Built-in code keyboard provide MK/SK, Fixed and DUKPT key
management mode
- ▲ 外接接口 音频/ MICRO USB

- ▲ External port audio/ MICRO USB
- ▲ 语言 中文(GB18030)、英文、多语言支持
- ▲ Language Chinese, English and multi-language support
- ▲ 锂电池 内置可充电锂电池,3.7V,350mAh
- ▲ Li battery a 3.7V, 350mAh built-in chargeable Li battery
- ▲ 工作温度 0℃~50℃(32 ~ 122),相对湿度:10%~90%(非冷凝)
- ▲ Operation temperature 0℃~50℃(32 ~ 122), relative humidity:
10%~90% (non-condensing)
- ▲ 储藏温度 -20℃~60℃(-4 ~ 140),相对湿度:5%~95%(非冷凝)
- ▲ Storage temperature -20℃~60℃(-4 ~ 140), relative humidity: 5%~
95% (non-condensing)
- ▲ 线缆 USB 充电/下载线, 音频
线
- ▲ Cables USB charging / downloading cable and audio cable

08/ ENTER THE PASSWORD SECURITY INSTRUCTIONS 安全输入密码操作指导

- ▲ 本机只能在安全有保障的环境下使用;
- ▲ It can only be used under a very safe situation.
- ▲ 在输入密码时,请用手和身体遮挡可能会被窥视的视角,防止输密码时被其他人偷窥;

▲ Please use your hands and body to cover any potential angle that may be peeped when you entering the password. This can protect you from being peeped by others.

▲ 请勿在可能被摄像设备拍摄到按键区域的环境下输入密码;

▲ Do not enter the password at the place where there equipped with camera which may shoot the keyboard area in your product.

▲ 切勿将密码告诉他人,或让其他人帮忙输入密码;

▲ Do not tell anyone your password, or let others to enter the password for you.

▲ 切勿将密码写在磁卡上,以免被其他人得到。

▲ Do not write the password on the surface of the magnetic card for fear that someone knows it.

09/ WARRANTY POLICY

保 修 政 策

▲ 除人为因素造成的产品损坏外，本产品免费保修一年。

▲ This product enjoys free warranty for one year, except damages caused by human.

10/ FAQ And Solutions

设备使用常见问题及处理方法

▲为节省您的时间，联系客服服务中心前，请尝试一下解决方案，如果尝试这些操作后，依然无法正常使用，请联系服务中心。

▲In order to save your time, please try the following solutions before you contact the customer service center. If it is still not work after trying all these solutions, please contact the service center.

▲设备死机

▲Equipment crashed

a.在接外电的情况下，长按电源键 20 秒，再重新开机；

a. if it is connected to external power, please press the power button for 20 seconds, and then restart it.

▲手机检测不到设备或设备不匹配等异常状态提示

▲Abnormal state prompt such as phone can not detect the equipment or equipment unmatched.

a.检查通讯模式是否为蓝牙连接模式；

a. check the communication mode to see whether it is Bluetooth connection mode;

b.确认手机开启蓝牙模式后重新检测并删除原有蓝牙设备名称；

b. after confirming the phone has start Bluetooth mode, detect again and delete the original Bluetooth equipment name;

c.音频连接时请检查手机是否适配，（列表详见官方网站的下载应用）且手机必须是行货；

c. please check the phone and make sure that it matches perfectly and

the phone must be common stock; (details see to download application in official website)

▲ 设备读磁卡不成功或读卡成功率低

▲ Failed to read the magnetic card or low success ratio of reading the magnetic card

a. 检车刷卡时磁卡的磁条面是否正确;

a. make sure the magnetic stripe side is correct when swiping magnetic card;

b. 磁头被弄脏, 使用清洁卡清洁或者需要更换新卡;

b. if the magnetic head is contaminated, use clean card to clean the head or change a new card.

▲ 设备无法读取 IC 卡

▲ Equipment can not read the IC card

a. 检查 IC 卡插入的方向是否正确;

a. check the IC card insertion direction to make sure it is correct;

b. IC 卡读卡金属触点表面附有杂质, 请清洗后重试;

b. if impurities exist on the surface of the metal point of the IC card, please clean them off and try it again;

c. IC 卡损坏, 使用一张新的 IC 卡来检查是否是 IC 卡的问题, 若是 IC 卡问题, 请更换新卡;

c. if the IC card is broke, use a normal IC card to check whether the

card is broke. And if the IC card did broke, please change a new card.

▲ 蓝牙连接不上

▲ Bluetooth connection failed

a.重启手机 APP，若依然无法连接，请重启刷卡设备；

a. restart the APP of the phone, if it still can not connect, please restart the card swiping equipment;

▲ 当刷卡消费后出现错误码 7B

▲ error bit 7B occurred after swiping the card for consuming

a.请注意该机不支持小于一元人民币的消费额度；

a. please note that this machine do not support consumer spending that lower than one RMB.

▲ 手机 APP 上传小票超时

▲ APP of the phone uploading receipt timed out

a.请检查手机 wifi 或网络数据连接是否正常

a. please check the wifi signal or the cellular data to make sure they are connecting normal.

▲ 当出现发送 8583 报文失败

▲ sending 8583 packet failed

a.检查手机联网是否畅通；

a. check the mobile phone network is connected well.

b.系统设置里面 IP 和端口号是否正确；

b. IP and port number in system settings must correct.

▲ 当签到 显示 MAC 错

▲ showing MAC error when signing in.

a. 确认 IP 和端口是否正确，重新签到；

a. make sure that the IP and port number is correct, and then sign in again.

b. 若第一步骤不能解决问题请及时和工作人员联系 重新下载密钥；

b. if the first step can not solve this problem please contact the staff member, and then download the key again.

▲ 签到失败

▲ sign in failed

a. 请检查系统设置中的 IP 地址和端口号是否配置正确；

a. please check the IP and port number in system settings, and make sure they are configured right.

Special Statement

特别声明

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We preserve the right to devise this instruction without notice, and the right to constantly improve the information in this document to make sure it is correct, sufficient and complete.

We will do our best to avoid imprint mistakes and character mistakes in this document, but we do not take responsibility for those possible carelessness mistakes that may occur in this document. For those who do not follow this document and misuse the product which causes bad results, we are nit responsible for this.

FCC Information and Copyright

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.

15.19 Labelling requirements.

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.

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

FCC RF warning statement: the device has been evaluated to meet general RF exposure requirement , The device can be used in portable exposure condition without restriction.