

Enterprise Digital Assistant



Quick Start Guide
컴퓨터 빠른 입내
移动计算机快速入门指南
移動電腦快速入門指南
Mobile Computer Quick Start Guide

打开包装箱

Open the box

验证您的产品包装盒内包括如下物品

Verify that your product box contains the following items

- 移动计算机终端（终端）
Mobile computer terminal (terminal)
- USB 充电/通信电缆
USB charging / communication cable
- 带地区性插头适配器的电源适配器
Power adapter with regional plug adapter
- 快速入门指南
Quick Start Guide

如果您订购了终端附件，请核对订单物品中是否也包括这些附件。一定要保留原包装，以便在终端需要返修时使用。

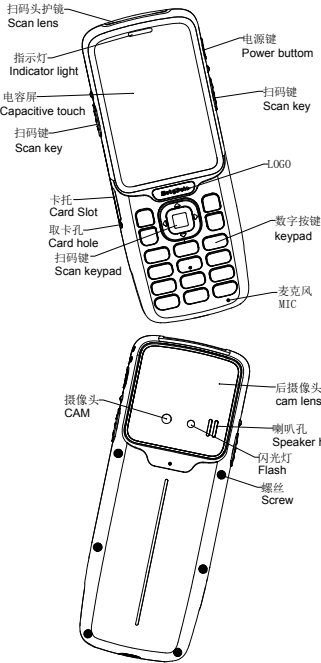
If you order terminal accessories, please check whether they are included in the order. Be sure to keep the original packaging for use when the terminal needs to be repaired.

在欧洲操作时，该设备仅限于室内使用，使用频率在5150MHz~5350MHz之间，以降低潜在的干扰。限制或要求在以下国家：比利时，保加利亚，捷克共和国，丹麦，德国，爱沙尼亚，爱尔兰，希腊，西班牙，法国，克罗地亚，意大利，塞浦路斯，拉托维亚，立陶宛，卢森堡，匈牙利，马耳他，荷兰，奥地利，波兰，葡萄牙，罗马尼亚，斯洛文尼亚，斯洛伐克，芬兰，瑞典，土耳其，挪威，瑞士，冰岛列支敦士登。

The device is restricted to indoor use when operated in the European Community using frequency in 5150MHz~5350MHz to reduce the potential for interference.Restrictions or Requirements in BE, BG, CZ, DK, DE ,EE,IE,EL ,ES,FR,HR,IT,CY,LV,LT,LU,HU,MT,NL,AT,PL,PT,RO,SI,SK,FI,SE,TR,NO,CH,IS,LI.

了解产品

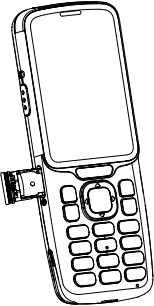
Getting to Know



安装通信卡

Installing communication card

1. 让终端关机
Turn off the terminal.
2. 按照 SIM 卡盖拆卸所示取出 SIM 卡盖，即可拆卸 SIM 卡
Remove the SIM card cover as shown in the removal of SIM card cover to remove the SIM card.



欧盟无线电设备指令2014/53/欧盟服务符合性声明

EU Declaration of Conformity for Radio Equipment Directive 2014/53/EU Services

我们是苏州摩比达智能系统有限公司

We, Suzhou MobyData Smart System Co., Ltd.

现声明《无线电设备指令》所载的基本规定

2014/53/欧盟服务已完全满足我们的产品，指示如下：

hereby, declare that the essential requirements set out in the Radio Equipment Directive 2014/53/EU Serviceshave been fully fulfilled on our product with indication below:

产品名称:无线信息终端

Product Name:Mobile Computer

型号: M52 Luna

Model:M52 Luna

品牌名称:MobyData

Brand Name: MobyData

以下标准适用于调查是否符合规定：

The following standards have been applied for the investigation of compliance:

EN 62368-1:2020+A11:2020

EN 50360:2017

EN 50566:2017

EN 62479: 2010

EN 62209-1:2016

EN 62209-2:2010

IEC 62209- 1:2016

IEC 62209-2:2010

EN 301 489-1 V2.2.3

EN 301 489-3 V2.1.1

EN 301 489-17 V3.2.4

Draft EN 301 489-52 V1.1.2

EN 301 489-19 V2.1.1

EN 301 511 V12.5.1

EN 301 908-1 V13.1.1

EN 301 908-2 V13.1.2

EN 301 908-13 V13.1.2

EN 300 328 V2.2.2

EN 303 413 V1.1.1

EN 301 883 V2.1.1

EN 300 330 V2.1.1

EN 300 440 V2.2.1 (2018-07)

并应用公告机构评估：

公告主体TIMCO Engineering, Inc. 公告主体编号1177执行E1177-210299

The Notified Body TIMCO Engineering, Inc, with Notified Body number 1177

performed:E1177-210299

同时，也达到了ISO对过程质量控制程序和制造过程的要求。技术文件和试验报告将在最后一种产品由任何会员国的有关国家当局处理以供检验后至少保存10年。

The Notified Body TIMCO Engineering, Inc, with Notified Body number 1177 performed:E1177-210299

以下列出了本声明的详细联系信息，作为与本声明相关的任何问题的窗口。

Detail contact information for this declaration has been listed below as the window of any issues relevant for this declaration.

欧洲代表 公司信息

European Representative Company Information

公司（Company）：苏州摩比信通智能系统有限公司
Suzhou MobyData Smart System Co., Ltd.
地址（Address）：中国江苏省苏州市工业园区金浦路11号怡达科技园E栋3楼
3F, building E, Yida science Park, No. 11, Jinpu Road, SIP,Suzhou, Jiangsu Province, China.

名称/片名（Name/Title）：

电话（Tel. No）：+86 0512 68234699

时间（Date）：02/19/2021

签名（Signature）：

该无线电设备以下列频带和最大无线射频功率传输操作

This radio equipment operates with the following frequency bands and maximum radio- frequency power transmitted

Radio Technology	Frequency Band	Maximum power
无线电技术	频带	最大功率
GSM900	880-915 MHz	32. 97dBm
DCS1800	1710-1785 MHz	30. 72dBm
WCDMA B1	1920-1980 MHz	23. 59dBm
WCDMA B8	880-915 MHz	23. 76dBm
LTE FDD B1	1920-1980 MHz	22. 71dBm
LTE FDD B3	1710-1785 MHz	22. 41dBm
LTE FDD B7	2500-2570 MHz	24. 25dBm
LTE FDD B8	880-915 MHz	22. 87dBm
LTE FDD B20	832-862 MHz	22. 48dBm
LTE TDD B38	2570-2620 MHz	23. 46dBm
LTE TDD B40	2300-2400 MHz	33. 34dBm
Bluetooth	2400-2483. 5 MHz	8. 95dBm(EIRP)
WLAN	2400-2483. 5 MHz	19. 33dBm(EIRP)
WLAN	5150-5350 MHz	15. 43dBm(EIRP)
WLAN	5745-5825 MHz	11. 79dBm(EIRP)
NFC	13. 56 MHz	16. 748dB μ A/m at 2m

充电

Charging Terminal

终端附带的电池具有很高的放电功率。使用随附的电源适配器，至少充电3小时。
The battery attached to the terminal has a high discharge power.Use the supplied tower adapter to charge for at least 3 hours.

注：在电池充电时使用终端会显著延长充满电量所需的时间。
Note: using the terminal while the battery is charging significantly increases the time required to fully charge.

警告：仅可使用标配的充电器，型号是 ES568-U050200XYC（仅供欧版）
使用未经提供的充电器可能损坏产品，并可能会导致用户失去售后质保的权利。
Warning: only use standard charger, model ES568-U050200XYC (only for EU version)
Using the charger not provided may damage the product, and may cause the user to lose the right of after-sales warranty.

警告：将终端连接到外围设备之前，需保证所有组件都是干燥的。潮湿的组件可能会导致不在保修范围内的损坏。
Warning: make sure all components are dry before connecting the terminal to the peripheral. Wet components may cause damage that is not covered by warranty.

警告：射频接触信息(SAR)
对于身体警告操作，该设备已经过测试，并符合ICNIRP指南和欧洲标准EN62209-2，与专用配件一起使用。头部SAR值：0.688W/kg，身体SAR值：1.586W/kg。
CE RF Exposure Information(SAR)
For body-warn operation, this device has been tested and meets the ICNIRP guidelines and the European Standard EN62209-2, for use with dedicated accessories. Head SAR value:0.688 W/kg, Body SAR value:1.586 W/kg.

打开/关闭电源

Turning Power On/Off

要打开终端电源，请按下电源按键大约3秒。

To turn on the terminal, press the power button for approximately 3 seconds.

关闭终端电源

To turning the terminal off:

1. 按住电源按键大约3秒钟，直到显示Reboot Options(重启选项)菜单。

Press and hold the power button for approximately 3 seconds until the reboot options menu is displayed.

2. 轻触Power off（关机）

Touch Power off.

强制重新启动

Forcing restart

在终端无法工作、死机等情况下，可通过电源按键大约10秒来强制启动。

When the terminal fails to work, crashes, etc., it can be forced to start by pressing the power button for about 10 seconds.

使用扫描/图像引擎演示

Using the Scan/Image Engine Demo

1. 打开桌面的 scanner 应用程序

Touch scanner on desktop



2. 将终端指向条码

Point the terminal at the bar code

注：为了获得最佳性能，建议以最小角度扫描以避免反射。

Note: for best performance, scanning at a minimum angle is recommended to avoid reflections.

3. 并按住 Scan（扫描）或按住扫描按键。使瞄准光束聚集在条码上。

And press and hold scan or the scan key. Focus the aiming beam on the barcode.



注：左侧和右侧的按键也可以触发扫描成像器。

Note: the left and right buttons can also trigger the scan imager.

4. 解码结果显示在触摸屏上。

The decoding result is displayed on the touch screen.

瞄准光束

Aiming Beam

将终端靠近条码时，瞄准光束会变窄；将终端远离条码时，瞄准光束会变宽。

瞄准光束必须接近具有较小条码和元素的码制（mil 大小）。瞄准光束必须具有较大条码和元素的码制大小（mil 大小）。

When the terminal is close to the barcode, the aiming beam will be narrowed; when the terminal is far away from the barcode, the aiming beam will be widened.

The aiming beam must be close to the code system (MIL size) with smaller bar codes and elements. Aiming beam must have larger bar code and element code size (MIL size).

瞄准光束示意图：

Aiming at the beam diagram

线性条码

Linear Bar Code



矩形条码

2D Matrix Symbol



FCC COMPLIANCE

Note:
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.

Notice:
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.

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

FCC RF exposure warning
The equipment complies with FCC RF exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.This device was tested for typical body-worn operations with the back of the device kept 15mm from the body. To maintain compliance with RF exposure requirements, use accessories that maintain an 15mm separation distance between the user's body and the back of the device. 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.

Head SAR value:0.63 W/kg, Body SAR value:0.60 W/kg.