

ScanPal EDA51 (Model: EDA51-1)

Enterprise Tablet
with Android™ 8.1 Operating System



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联系电话：www.honeywellaidc.com/locations

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第 1 章– ScanPal 系列 EDA51-X 无线终端产品特点

Chapter I - Features of ScanPal EDA51-X Enterprise Tablet

1 ScanPal 系列 EDA51-X 无线信息终端产品特点

1 - Features of ScanPal EDA51-X Enterprise Tablet

本章介绍操作系统为 Android 8.1 的 ScanPal 系列 EDA51-X(X 指 0,1, 下同)无线信息终端, 以下简称 EDA51-X 或者无线终端。用户可以从本章节了解此无线终端的基本特点、功能和其配件信息。

ScanPal EDA51-X (X refers to 0 and 1, as in all other cases below) (hereinafter called “EDA51-X” or “terminal”) with Android 8.1 operating system will be introduced in this chapter. Users can learn something about the main features, functions and accessories of this terminal from this chapter.

FCC Statement

15.19 Labeling 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.

15.21 Information to user.

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

15.105 Information to user.

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.

Specific Absorption Rate (SAR) information:

This product meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

FCC RF Exposure Information and Statement The SAR limit of USA (FCC) is 1.6 W/kg averaged over one gram of tissue. This device was tested for typical body-worn operations with the back of the handset kept 10mm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 10mm 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 FCC RF exposure requirements, and should be avoided.

Body-worn Operation

This device was tested for typical body-worn operations. To comply with RF exposure requirements, a minimum separation distance of 10mm for body worn must be maintained between the user's body, including the antenna. Third-party belt-clips, holsters, and similar accessories used by this device should not contain any metallic components. Body-worn accessories that do not meet these requirements may not comply with RF exposure requirements and should be avoided. Use only the supplied or an approved antenna.

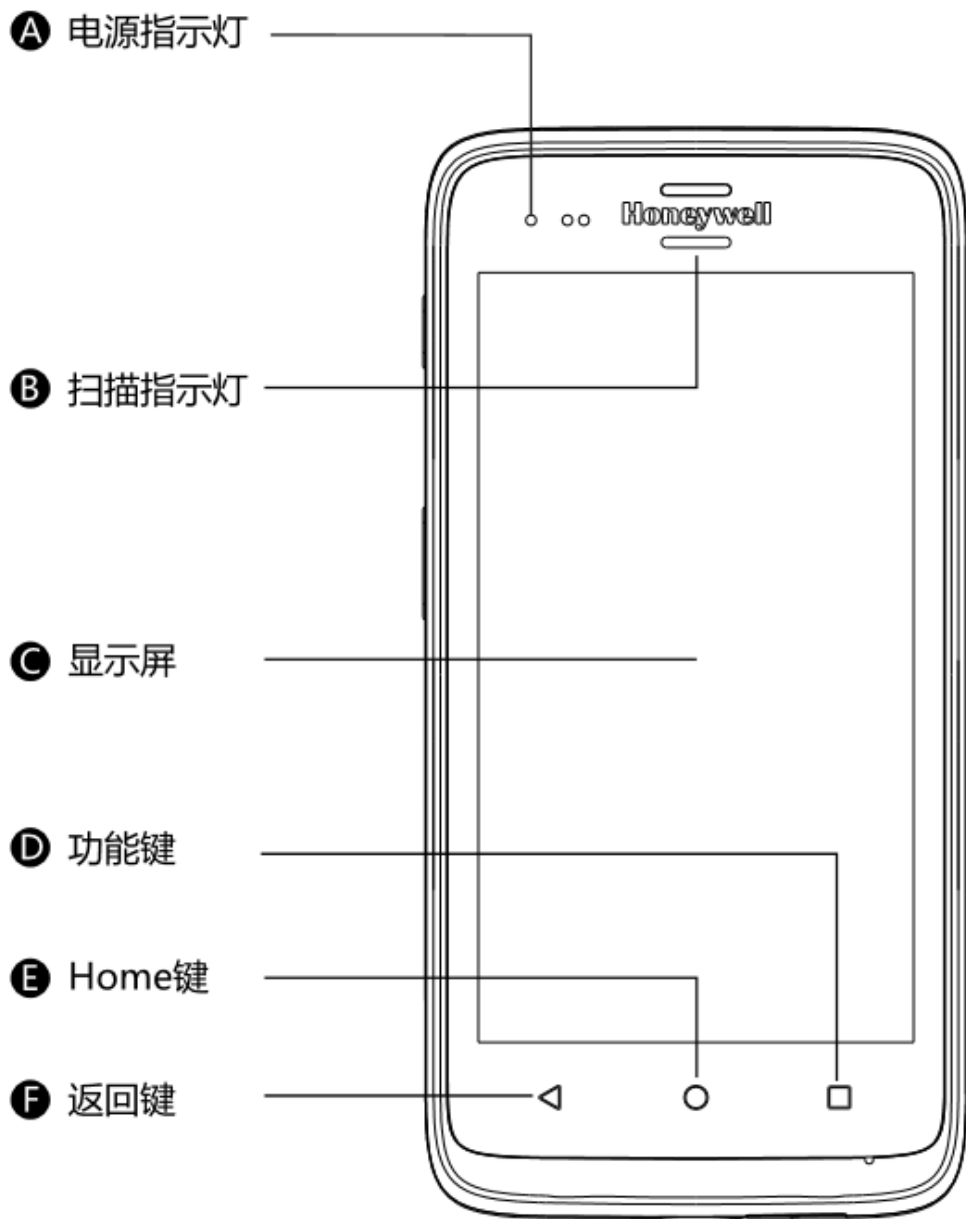
EDA51-X 无线终端简介

About EDA51-X Terminal

霍尼韦尔 EDA51-X 终端机面向企业用户的平板电脑智能手机，通过 Android 操作系统提供稳定安全的企业数据管理及无线通讯。EDA51-X 的主要特点有：大屏幕显示、高容量电池、条形码成像及超强耐受性。

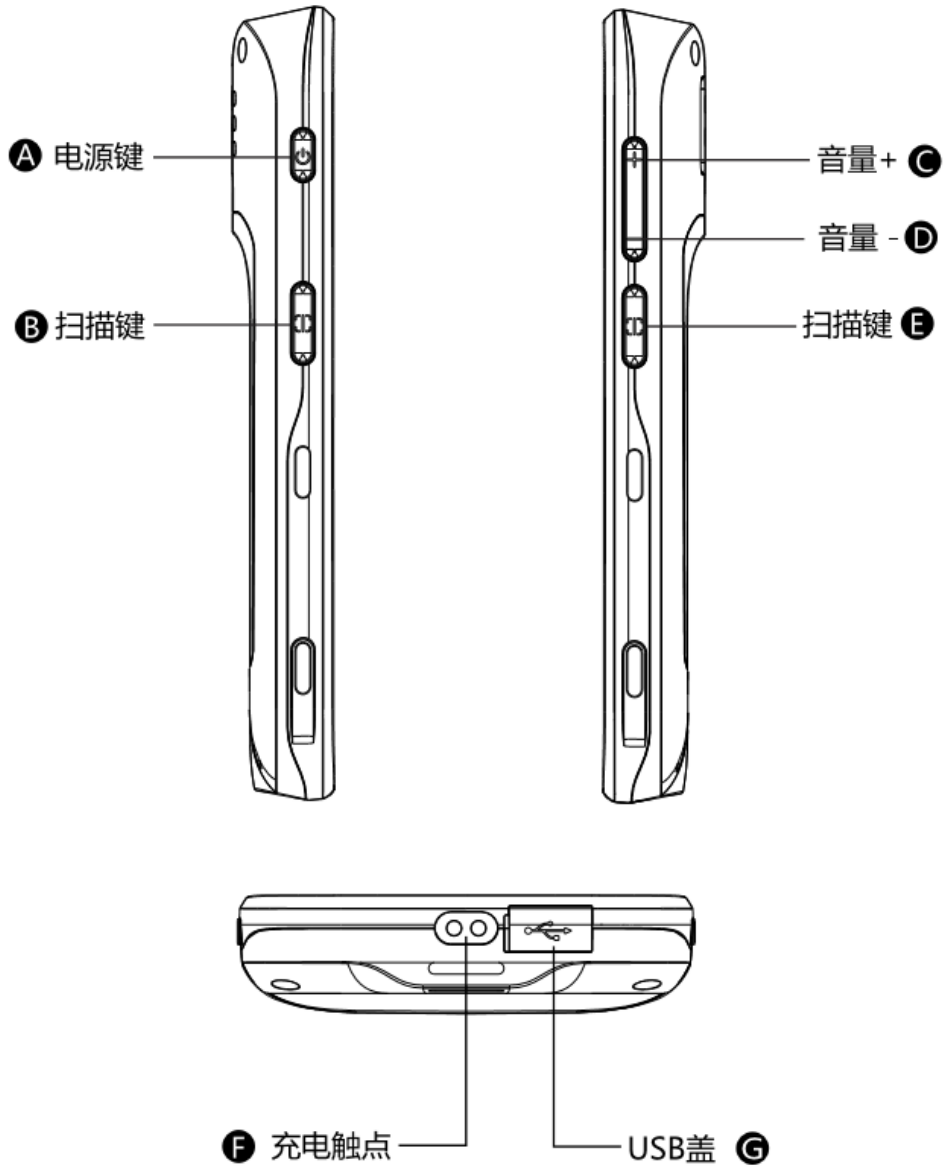
Honeywell EDA51-X Enterprise Tablet is a smart phone for enterprise users, delivering stable and secure enterprise data management and wireless communications through Android operating system. The main features of ScanPal EDA51-X are: large-screen display, high-capacity battery, barcode imaging and extreme robustness.

- Android 8.1 操作系统。
- 2 GB 动态随机存储器配置 16 GB 闪存存储器，同时提供 3GB 动态随机存储器配置 32GB 闪存存储器。
- 大屏幕显示，灵敏的多触摸点屏幕显示。
- 高性能二维成像仪配置，具有根据人体工程学设计的扫描触发键。
- LTE/UMTS/GSM 无线广域网通信，保证所有网络技术的高速度数据传输及高保真声音支持。
- IEEE 802.11a/b/g/n/ac。
- 蓝牙 4.2。
- 短距离无线数据传送采用近场通讯（NFC）技术。
- 高附加值的软件组件支持专业成像及光学字符识别（OCR）功能。
- IP64 防护等级。
- 可靠的 Micro SD 插槽，最大可支持 128GB。
- 集成化 GPS 接收机。
- 13 百万像素彩色摄像头。
- Android™ 8.1 OS.
- 2 GB dynamic RAM and 16GB flash memory / 3 GB dynamic RAM and 32GB flash memory.
- Large display with sensitive multi-touch screen.
- High-performance area imaging features with an ergonomic scan trigger.
- LTE/UMTS/GSM wireless WAN communications ensure high-speed data transmission and high-fidelity sound support for all network technologies.
- IEEE 802.11a/b/g/n/ac.
- Bluetooth 4.2.
- Near-field communication (NFC) technology for short-range wireless data transmission.
- High value-added software components support professional imaging and optical character recognition (OCR) features.
- IP64 Ingress Protection.
- Reliable Micro SD slot that supports up to 128GB expansion.
- Integrated GPS receiver.
- 13 mega pixels color camera.



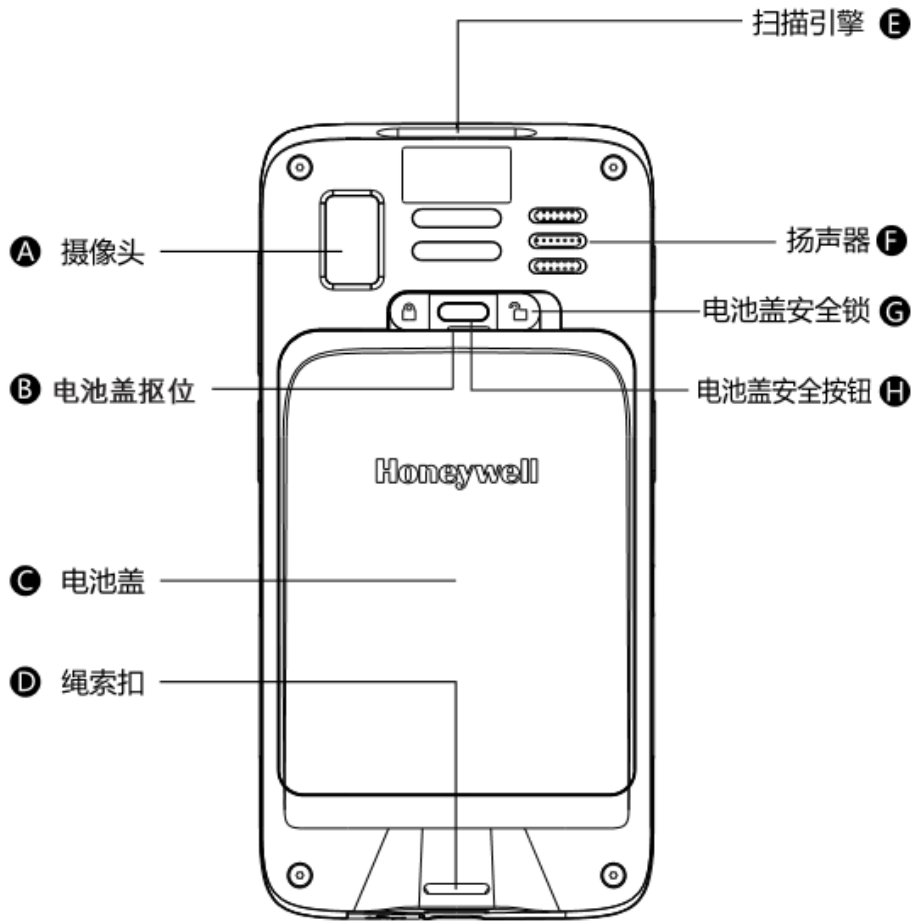
- Power Indicator
- Scan Indicator
- Display
- Function Key
- Home Key
- Return Key

ScanPal 终端机前面板图
EDA51-X front view



- Power Button
- Scan Button
- Volume Up
- Volume Down
- Scan Button
- Charging Contact
- USB Cover

ScanPal 终端机侧面及底部图
EDA51-X side and bottom views



- Camera
- Battery Cover Buckle Handle
- Battery Cover
- String Buckle
- Scan Engine
- Speaker
- Battery Cover Safety Lock
- Battery Cover Safety Button

ScanPal 终端机后面板图
EDA51-X rear view

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电池

Battery

EDA51-X 使用 3.8V 可充电锂电池作为主要供电电源。电池容量为 15.2 瓦特/小时。诸多因素决定电池使用时间，例如：屏幕显示亮度、屏幕自动进入休眠时间、输入装置、极端气温和用户使用等因素。

EDA51-X uses 3.8V rechargeable lithium ion battery as its main power supply. The battery capacity is 15.2 watt/hour. Battery life is influenced by many factors, such as: screen brightness, the length of time before the screen automatically go to sleep, input configurations, extreme temperature and using behaviors, etc.

霍尼韦尔建议保证电池一直处于有电状态，以防数据丢失。更换电池时，请正常关机后操作，更换完毕再开机启动。

Honeywell suggests you to keep the battery charged to avoid data loss. Change battery only after switching off the device as per normal. Switch on the device after completing change of battery.

若需更换电池产品，请联系当地经销商。

If you need to buy a replaceable battery, please contact regional resellers.

警告：此设备中的电池若使用不当，可引起火灾或化学烧伤。请勿拆开电池或将其加热到 100 °C (212 °F) 以上，或焚烧电池。合理处理废弃电池。置于儿童不易接触到的地方。

Warning: Improper use of the battery of this device can cause a fire or chemical burns. Please don't disassemble the battery or heat it to 100 °C (212 °F) and above, or incinerate the battery. Make sure waste batteries are properly disposed. Keep out of reach of the children.

我们推荐用户使用霍尼韦尔锂电池。使用非霍尼韦尔电池所造成的损害不包含在霍尼韦尔保修范围之内。

We would recommend using only Honeywell's lithium battery; any damage caused by use of non-Honeywell battery is not covered by warranty.

充电

使用 EDA51-X 无线终端之前，需确定电池（电池型号：BAT-EDA50）已充满电。可在将电池安装于 EDA51-X 无线终端之前或之后进行充电。使用原装充电器，或者座充，四联充，将电池完全充满电需要大约 5 个小时。

Charging

Before using EDA51-X, you need to make sure the battery (model number BAT-EDA50K) is fully charged. You can charge the battery before or after installing it to EDA51-X. It will take about 5 hours for the battery to be fully charged using original quad charger (cradle charger or otherwise).

我们推荐用户使用霍尼韦尔原配充电设备。使用非霍尼韦尔原配充电设备所造成的损害不包含在霍尼韦尔保修范围之内。

We would recommend using Honeywell's original charger; any damage caused by use of non-Honeywell charger is not covered by warranty

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更换电池

电池电量低时，可以对无线终端内的电池进行充电，或者更换为电量满的电池。

Replacing batteries

When the battery power is low, you can charge it together with the terminal, or replace it with a fully-charged battery.

1. 保存好文件，并关闭所有运行应用程序。
2. 长时间按下电源键。出现如下界面：
 1. Save all the files and close all running Apps.
 2. Long press the power button. Until the follow interface pop up:



3. 点击**关机**。
3. Tap **Turn off**.
4. EDA51-X 无线终端会直接关机。
4. EDA51-X will turn off directly.

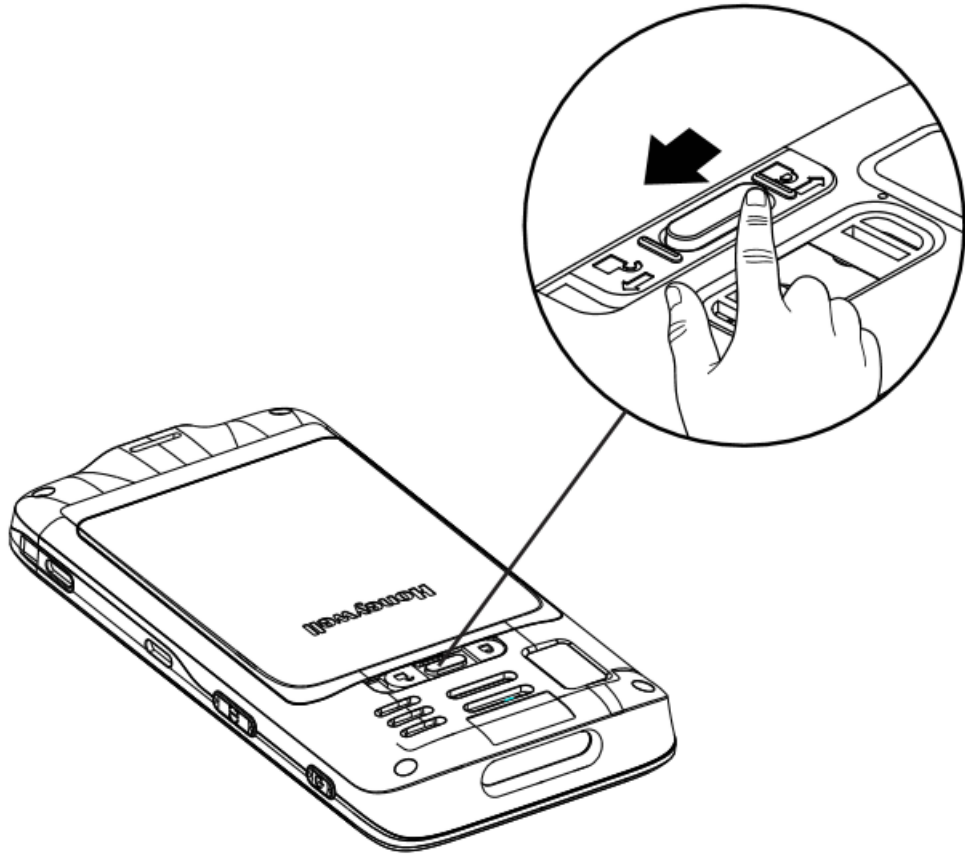
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关机后，手动进行如下操作：

After it's turned off, do as the following instructions manually:

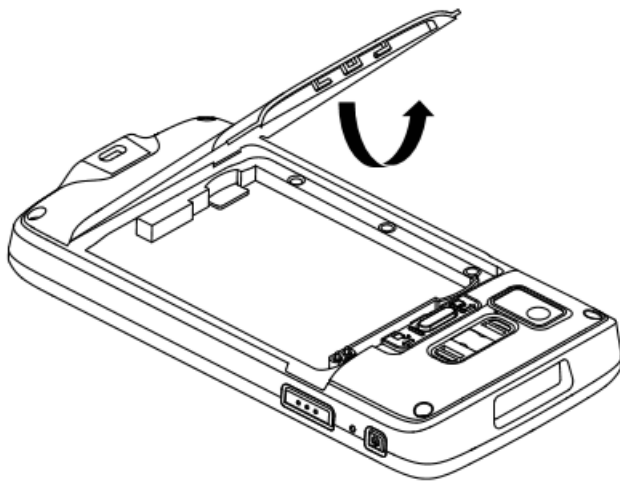
1. 按下电池盖安全按钮，将电池盖安全锁移动到右侧解锁位置。
1. Press down the battery cover safety button to move the lock to the unlock position at right;

1



2. 从电池盖扣柄处，将电池盖抠开
2. Open the battery cover with the battery cover buckle handle;

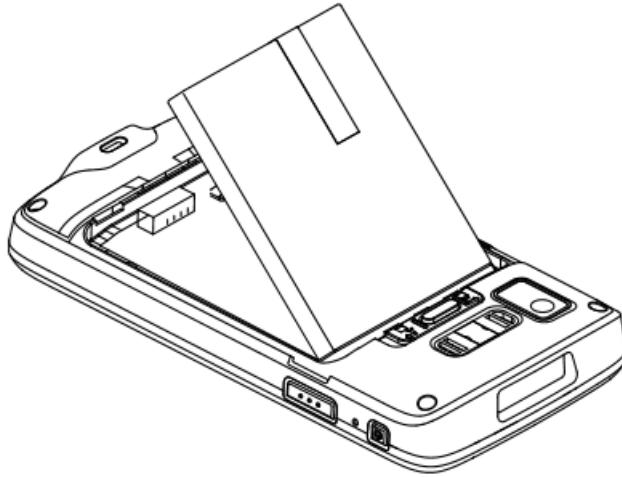
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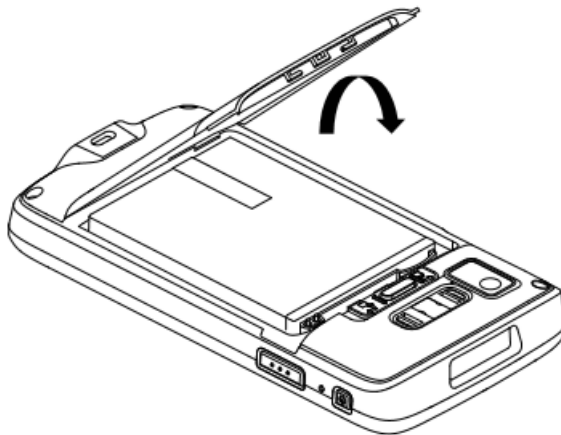
3. 插入电池（先插入电池非连接器一侧，再扣下电池，使得电池与手机建立连接）。扣下电池盖
3. Insert the battery (Insert the non-connector side first, then press the battery down to establish connection between the battery and the phone);

3

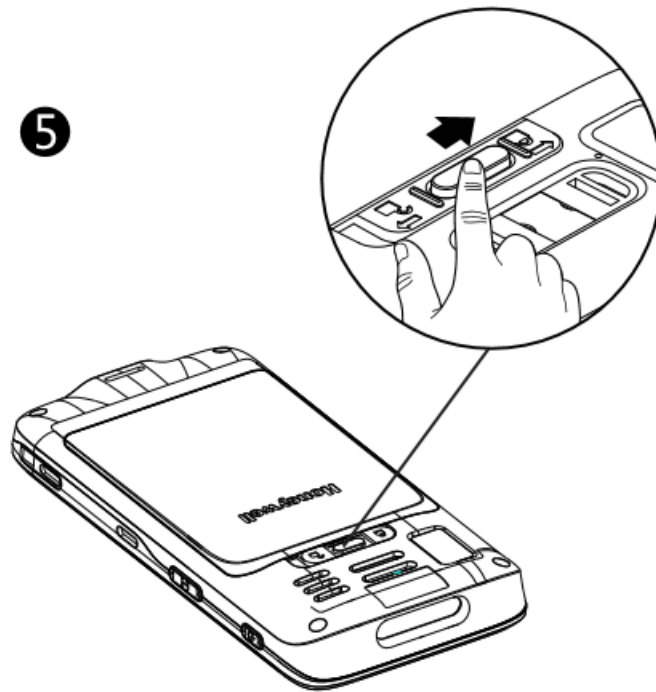


4. 扣下电池盖
4. Press down the battery cover;

4



5. 按下电池盖安全按钮，将电池盖安全锁移动到左侧锁定位置。
5. Press down the battery cover safety button to move the battery cover safety lock to the lock position at left.



电池状态图标

从状态栏的电池图标可以了解电池的电量状况。以下表格仅包含其中几种图标。若想了解电池使用时间及剩余电量等详细信息，请前往 **设置>电池**。

Battery icon

Battery icon on the status bar shows the power status of the battery. The following table only contains several of the icons. For detailed information about battery life and power remained, please go to **Settings > Battery**.

电池状态图标

Battery icon

图标	状态
	电池电量为 100%
	电池电量为 50%
	电池电量极低。需要立即更换电池。
	无线终端正在与外部电源相连，处于电池充电状态。
	电池故障。请更换电池。若故障仍存在，请与霍尼韦尔技术支持联系。

Icon	Status
	Battery power is 100% full

Battery power is 50% full

Battery power is too low. Replacing the battery right now.

The terminal has been connected to external power supply for charging.

Battery failure occurs. Please replace the battery. If the failure still exists, please contact Honeywell technical support.

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无线终端左上角的电源指示灯表示电池充电状态。也可以使用此指示灯作为系统消息指示灯。具体设置方法可以参考 <http://developer.android.com/guide/topics/ui/notifiers/notifications.html>.

Power indicator on the upper left corner of the terminal shows the battery charging status. It can also be used as system message indicator. For detailed setting methods, please refer to <http://developer.android.com/guide/topics/ui/notifiers/notifications.html>.

出厂电源状态指示灯描述

Default power indicator description

连接到电源	指示灯状态	描述
否	闪烁 琥珀色（橙色）	电池电量小于 15%
否	关	池电量高于 15%
是	稳定琥珀色（橙色）	电池电量处于 0%到 60%之间
是	闪烁绿色	电池电量处于 60%到 95%之间
是	稳定绿色	电池电量高于 95%
是/否	闪烁红色	电池故障

Connect to power supply	Indicator status	Description
No	Flashing amber (Orange)	Battery power is less than 15% full
No	No light	Battery power is higher than 15% full
Yes	Stable amber (Orange)	Battery power is between 0% to 60% full
Yes	Flashing green	Battery power is between 60% to 95% full
Yes	Stable green	Battery power is higher than 95% full
Yes/no	Flashing red	Battery failure

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更改电源状态指示灯指示意义

Changing power indicators

若电池充电时默认指示灯（显示闪烁绿色）不合适您所处的环境，可以更改指示灯指示意义。

If the default indicators for battery charging (flashing green) are inappropriate for your environment, you can change the indicator.

除了更改出厂电源状态指示灯意义之外，您还可以选择：

In addition to changing the default power indicator, you can also select:

- 默认电源指示灯（Default Battery LED）
- 无电源指示灯（No Battery LED）
- Default Battery LED
- No Battery LED

若想让状态指示灯亮起为稳定的琥珀色，而在充电时为稳定的绿色，则需进行 **Default Battery LED** 设置。若想将指示灯作为通知消息（应用或者设备管理解决方案通知）指示灯，则需选择 **No Battery LED** 设置。

If you prefer the indicator to be solid amber and to change to solid green when in charging, you need to perform **Default Battery LED** settings. If you prefer the indicator as message notification (application or device management solution notification) indicator, you need to select **No Battery LED** settings.

默认电源指示灯意义

Default power indicator meanings

连接到电源	指示灯状态	描述
否	红色闪烁	电池电量小于 15%
否	关	电池电量大于等于 15%
是	稳定红色	电池电量小于 15%
是	稳定琥珀色	电池电量处于 15%到 90%之间
是	稳定绿色	电池电量大于 90%

Connect to power supply	Indicator status	Description
No	Flashing red	Battery power is less than 15% full
No	No light	Battery power is 15% or more
Yes	Stable red	Battery power is less than 15% full
Yes	Stable amber	Battery power is between 15% to 90% full
Yes	Stable green	Battery power is over 90% full

1. 点击 **设置> Honeywell Battery LED**

2. 选择如下选项：

- Default Battery LED
- HSM Battery LED（出厂设置）
- No Battery LED

1. Tap **Settings> Honeywell Battery LED**
2. Select from the following options:
 - Default Battery LED
 - HSM Battery LED (Factory settings)
 - No Battery LED

查看剩余电量

Checking the remaining battery capacity

除了电量状态图标及电源状态指示灯外，您还可以从设置中查询电量信息。

Except for the battery icon and power indicator, you can also get the battery capacity information from Settings.

1. 点击 **设置**。
2. 点击 **电池**。当前电池电量剩余百分比及剩余使用时间会显示在显示屏上。列表上会显示每个应用及服务所消耗的电量。使用情况详情，请点击列表中对应用或服务。

1. Tap **Settings**

2. Tap **Battery**. The current percentage of remaining battery capacity and the remaining time will be displayed. The list will present the power consumed by each application and service. For detailed usage information, please tap the respective applications and services in the list.

电池寿命及维护

若将电池长时间放置于无线终端之外，电池会慢慢放电。霍尼韦尔技术支持建议您将电池存放于充电器中来保持电池性能。

Battery life and maintenance

The battery will discharge slowly if it's placed outside of the terminal. Honeywell technical support recommends you store battery in a charger to maintain battery performance.

电池维护技巧

Tips for battery maintenance

有如下需要之时：	省电策略：
使用无线终端而屏幕显示电量低图标，或电量指示灯亮起	长时间按下电源键，选择关机。无线终端关闭后，取出电池并替换为充满电的电池。
停止使用无线终端 5 分钟或 5 分钟以上	确定显示屏上不再显示低电量图标，并且电源指示灯没有亮起。点击 电源 键挂起无线终端。
将无线终端存放一天以上	<ul style="list-style-type: none"> • 若需要将无线终端存放几天（例如一个周末），则安装一个充满电的电池或将无线终端连接到电源。 • 若存放时间还要长，则将电池移出并充电。电池充电完成后，将电池和无线终端都放于阴凉的地方。 • 若要将电池存放几个月，则要定期为电池充电，以保证电池运行优异。
将电池取出无线终端存放时	将电池放入充电器中存放。

If you have the following needs:	Power saving plan:
Low power icon shows on the screen or the power indicator lights on when the terminal is in use	Long press the power button and choose Turn Off. And the replace the battery with fully charged one.
The terminal will not be in use for 5 mins or more	Make sure no low power icon displayed and the power indicator doesn't light on. Switch to sleep mode by pressing the Power button .
The terminal will be stored for more than one day	<ul style="list-style-type: none"> • If you need to store this terminal for several days (like a weekend), you need to install a fully charged battery or connect the terminal to the power supply.

-
- If you need to store it for a longer time, remove the battery and charge it. Put the terminal and the battery in a shady and cool place after the battery is fully charged.
 - If the battery is to be stored for several months, regular charging is needed for excellent battery performance.
-

Store the battery outside the terminal

Put the battery in the charger.

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电池维护建议及安全保护措施

Battery maintenance recommendations and safety protection measures

- 使用之前要充满电，电池装箱时只充有一部分电量。
- 参考“充电”章节查询正确充电方法。若将此电池用于其它设备，可能导致设备或电池损坏。
- 防止摔落电池或无线终端。若怀疑电池或无线终端出现故障，则将其邮寄至霍尼韦尔客服中心检查。
- 此电池仅可替换为另一同型号电池。这些电池已经经过测试，符合相应安全标准。需更换电池时请联系霍尼韦尔客服代表或经销商。
- 废弃电池存在安全隐患。清理电池之前，用绝缘带贴住电池极点。
- 请勿擅自改装电池或试图将异物插入电池。
- 不要直接焊接到电池极点。
- 不要短接电池，并将电池远离金属物品。
- 请勿摔落电池或对其进行机械冲击或挤压。
- 请勿拆卸或打开电池，请勿压碎、弯折或使电池变形；请勿刺穿、撕碎或灼烧电池。
- 请勿将电池浸入水中。
- Fully charge the battery before using it. The battery is only partly charged when get packed.
- Refer to the chapter "charging" to get the right process for battery charging. Using the battery for other devices may cause damages on the device or the battery.
- Avoid battery or terminal drops. If you suspect that a battery or terminal fails, send it to Honeywell service center for verification.
- This battery can only replace another BAT-EDA51-X battery. These batteries have been tested and meet the appropriate safety standards. If you need to replace the battery, please contact Honeywell service representatives or the resellers.
- There are security risks in waste batteries. Before cleaning up the battery, stick the poles with insulation tape.
- Do not modify the battery or attempt to insert foreign objects into the battery.
- Do not solder directly to the battery poles.
- Do not short connect the battery and put the battery away from metal objects.
- Do not drop or mechanically shock or extrude the battery.
- Do not disassemble or open the battery. Do not crush, bend or deform the battery; Do not puncture, shred or burn the battery.
- Do not immerse the battery in water.

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启动飞行模式

Enabling Airplane mode

若您无需连接到任何无线网络，可开启飞行模式，以关闭所有无线接收来节省电源。

If you don't need to connect to any wireless network, you can enable the airplane mode to turn off all wireless receivers to save power.

1. 点击 **设置**。
2. 在 **无线和网络**，点击**更多**。
- 3.打开 **飞行模式** 开关控件启动飞行模式。

1. Tap **Settings**.
2. Tap **More** under **Wireless & Networks**.
3. Open Switch control of **Airplane Mode** to enable airplane mode.

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开机

Switch on

电池充完电并装入 EDA51-X 后，首次开机 EDA51-X:

After the battery is fully charged and installed into EDA51-X, switch on it for the first time:

按下并放开**电源**键。

注意：完成安装向导后，欢迎界面不再出现。每次开机后，出现的界面为锁定屏幕界面。

Press down and then release the **power button**.

Please note: after complete the installation instructions, the welcome interface will not appear again. The interface appears as locked screen interface after each time you switch on the terminal.

解锁屏幕

Unlocking the screen

每次开机 EDA51-X 后，都需要先解锁屏幕。

Every time you switch on the EDA51-X, you need to unlock the screen.

- 将锁形图标滑向屏幕任一边缘来解锁屏幕。
- 开始使用 EDA51-X 后，建议设置密码来保护无线终端。
- Slide the lock icon to any edge of the screen to unlock it.
- After the EDA51-X is deployed, we suggest you to set password to protect your terminal.

点击点击 **设置>安全>屏幕锁定方式**。

选项有 **滑动，图案，PIN 码，密码**

Tap **Settings>Security>Screen lock mode**.

Available options: **Slide, Pattern, PIN and Password**



上午3:07

10月18日 星期三



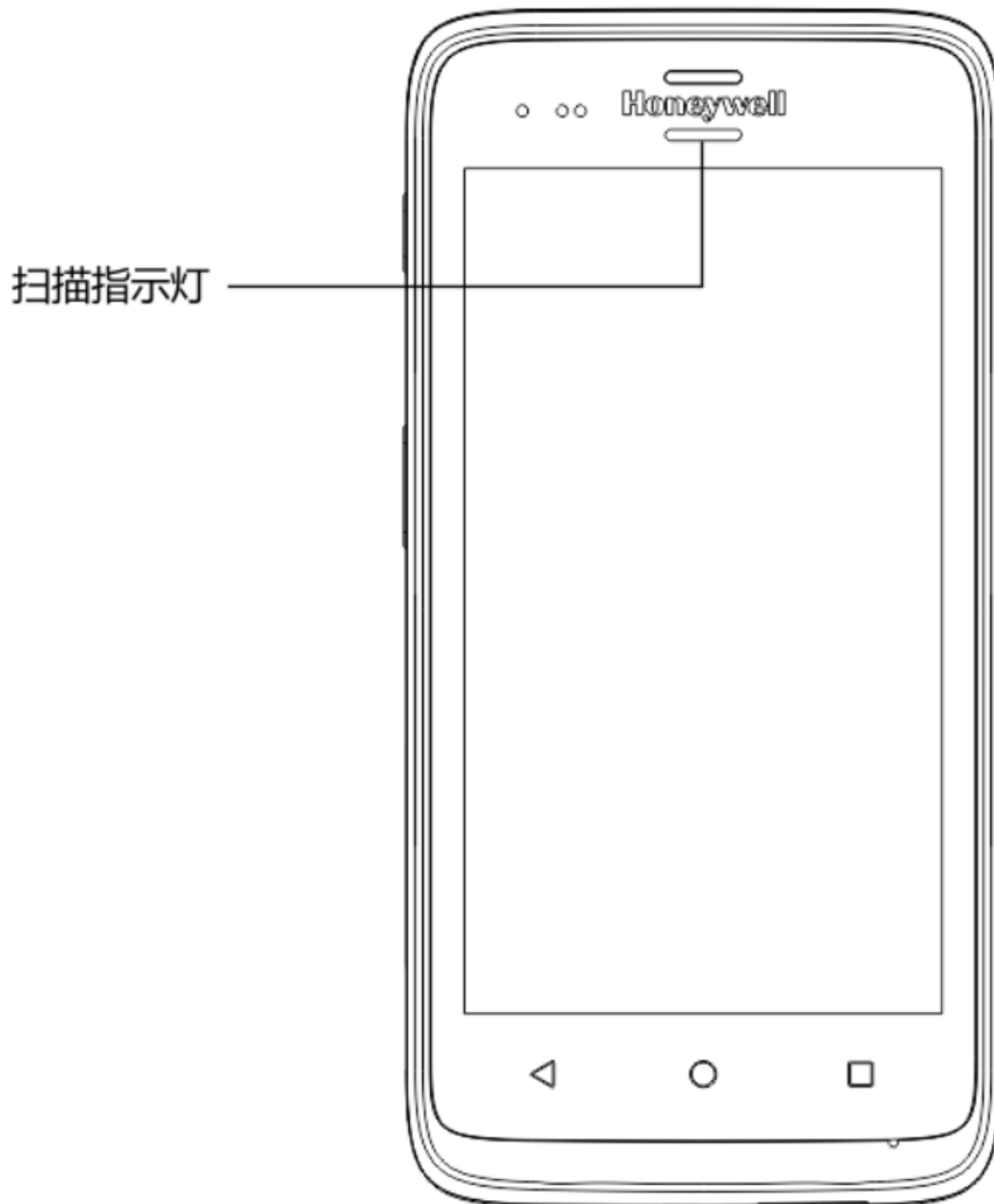
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扫描指示灯

Scanning Indicator

扫描指示灯指示扫描仪的状态。条形码扫描方法，请参考“*扫描条形码*”章节。

The scanning indicator indicates the status of the scanner. For barcode scanning method, please refer to the chapter "Scanning barcodes".



Scanning Indicator

扫描指示灯定义

Scanning indicator definition

指示灯颜色	意义
绿色	条形码阅读读取正常
红色	条形码阅读读取失败

Light of the indicator	Meanings
Green	Good read for the barcodes
Red	Barcodes reading failed

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设置屏幕背光灯

Setting screen backlight

产品屏幕装有背景光传感器，可自动调整背景光强度，以节省电源并保证屏幕显示可读性。您可根据所处环境需要设置背光灯强度。

The terminal's screen is equipped with background light sensor which can automatically adjust backlight intensity to save power and ensure the display readability. You may set the backlight intensity based on the environment.

1. 点击 **设置**。
2. 点击 **显示>亮度**。
3. 点击 **自动调节亮度** 来自动调整背景光强度，或直接滑动调整条来设置背景光强度。

1. Tap **Settings**.
2. Tap **Display>Brightness level**
3. Tap **Adaptive brightness** to automatically adjust the backlight intensity, or slide adjustment bar to set the backlight intensity.

音频功能

EDA51-X 装配有扬声器、受话器及设置音量的软件工具。

Audio features

EDA51-X is equipped with speaker, receiver and software utilities for volume setting.

调整铃声及信息音量

使用无线终端一侧的音量键，可迅速调整铃声及信息音量。

Adjusting the ringtone volume for calls and messages

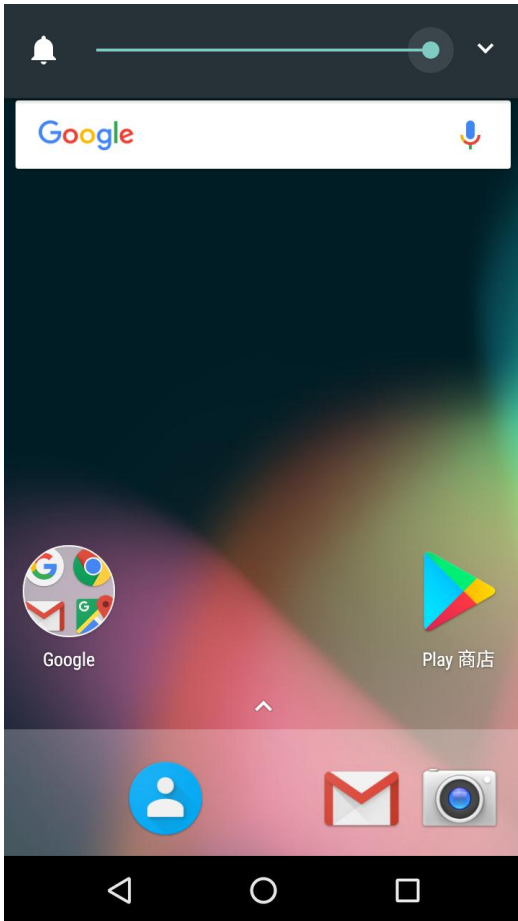
With the volume key on the side of the terminal, you can quickly adjust the ringtone volume.

注意：音量键仅可调整铃声及信息音量。调整其他声音的音量，打开 **设置>声音**。

Note: Volume key can only adjust ringtone volume for calls and messages. To adjust volumes of other sound, open **Settings >Sound**.

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1. 按下无线终端右侧的按钮（ Δ 或 ∇ ）。音量调整条显示在屏幕上。
 2. 按音量键或滑动音量条来调整音量。
 3. 长按音量键 ∇ ，或者音量条拉到最左边，将会启动振动模式。
1. Press the key on the right side of the terminal (Δ or ∇). Volume bar will show on the screen.
 2. Adjust the volume by pressing volume key or slide volume bar.
 3. Hold down the volume down (∇) button or pull the volume indicator to the extreme left to activate vibration mode.



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启动振动模式

办公环境下，您可以将无线终端调整为振动模式，并静音扬声器，有两种方式可以设定。

Enabling vibration mode

You can set the terminal to vibration/silence mode in the office.

方法 1，长按音量键∇，或者音量条拉到最左边，将会启动振动模式。


Method 1: Hold down the volume down (∇) button or pull the volume indicator to the extreme left to activate vibration mode.


方法 2，

Method 2:

1. 长时间按下**电源**键。电源选项显示在屏幕上：

1. Long press the **power button**. Power options will be displayed on the screen:

2. 点击启动振动模式。

2. Tap  Enabling vibration mode.



此章节描述设置应用中的音频和声音设置。更改音频设置，**设置>声音**。

This chapter will describe about audio and sound settings. To change audio setting, go to **Settings > Sound**.

音频和声音设置

Audio and sound settings

设置	描述
媒体音量	使用音量调节条来设置以下音量： 音乐、视频、游戏及其他媒体。
闹钟音量	使用音量调节条来设置以下音量： 闹铃及警报音
通知音量	使用音量调节条来设置以下音量： 铃声及信息提示音。也可使用手机一侧音量键进行调整。
勿扰	可调整勿扰规则
默认通知铃声	选取通知铃声
默认闹钟铃声	选取闹钟铃声
紧急广播	设置小区广播
其他提示音	设置是否开启拨号键盘提示音，屏幕锁定提示音，充电提示音， 触摸提示音，点按时振动。
投射	将设备屏幕投射到特定设备上

Settings	Description
Media Volume	Use the volume adjustment bar to set the volume for: Music, videos, games and other medias.
Alarm Volume	Use the volume adjustment bar to set the volume for: Alarm and alert tones
Ring Volume	Use the volume adjustment bar to set the volume for: Ringtones for calls and message notifications. They can also be adjusted by the volume key on the side of the phone.
Do not disturb	Could adjust do not disturb rules
Default notification ringtone	Select notifications tones
Default alarm ringtone	Select alarm ringtone

Emergency broadcasts Set community broadcasts

Other sounds Set whether to turn on dial pad touch tones, lock screen tone, charging tone, touch tones, and touch vibration.

Cast Cast the device screen onto a specific device

插入 SD 卡

Inserting SD card

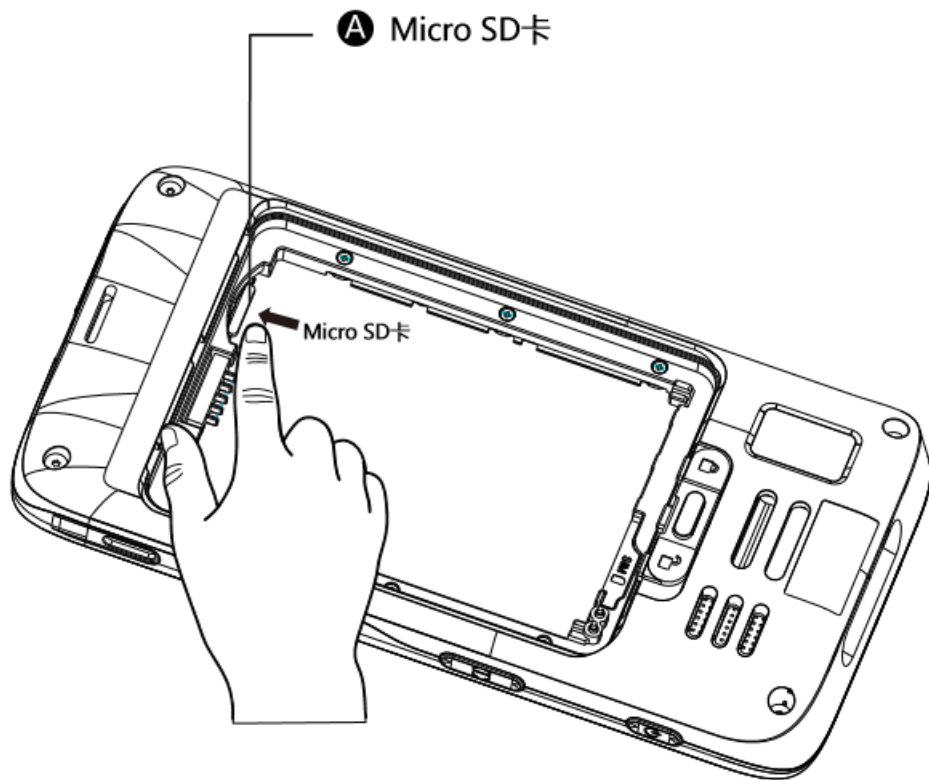
您可使用 SD 内存卡来扩充内存或安装软件。霍尼韦尔推荐配合使用 Single Level Cell (SLC)技术等级 SD 内存卡或 SDHC 内存卡以达到最佳性能及耐久性。

You can use a SD card to expand the memory or to install softwares. Honeywell recommend the using of Single Level Cell (SLC) graded SD memory card or SDHC memory card in order to achieve optimum performance and durability.

注意：首次使用之前先将内存卡格式化。

Note: format the memory card when you use it for the first time.

1. 关闭无线终端。
 2. 按下电池盖安全按钮，将电池盖安全锁移动到右侧解锁位置。
 3. 从电池盖扣柄处，将电池盖抠开。
 4. 拔出电池（先掀开电池连接器后侧，再拉出电池）。
 5. 将 Micro SD 卡硅胶盖掀开；
 6. 将 Micro SD 卡盖掀开并放入卡片；
 7. 插入电池（先插入电池连接器一侧，再扣下电池，使得电池与终机建立连接；
 8. 扣下电池盖
 9. 按下电池盖按钮，将电池盖安全锁移动到左侧锁定位置；
 10. 开机
1. Turn off the terminal.
 2. Press down the battery cover safety button to move the lock to the unlock position at right;
 3. Open the battery cover with the battery cover buckle handle;
 4. Pull out the battery (First open the battery connector side, then pull out the battery)
 5. Open the Micro SD card's silicone cover;
 6. Open the Micro SD card cover and insert the card;
 7. Insert the battery (first insert one end before pressing the other end in order for it to be connected to the device);
 8. Press to lock the battery cover
 9. Press down the battery cover and slide the battery cover buckle handle to lock it.
 10. Switch on the device



Micro SD Card

使用 USB CUP 可以连接电脑和无线终端进行传输文件。用 USB CUP 将无线终端和电脑相连，就可以浏览无线终端的文件，或者将文件移动到电脑上或将电脑中的文件传输至无线终端。如果您从 Mac 电脑上进行文件传输，则使用 Android 文件传输应用（可以在如下网站下载到：www.android.com/filetransfer）

Files can be transferred between the terminal and a computer by using a USB adapter or standard USB cable. By connecting the terminal to a computer with a USB cable, you can view the files in the terminal, or transfer the files to the computer, or transfer files from the computer to the terminal. If you transfer files with a Mac computer, you need to use Android File Transfer app (it can be download via www.android.com/filetransfer)

无线终端默认使用充电模式，可以选择使用 MTP（媒体传输协议）或 PTP（图片传输协议）进行连接。若主要传输摄像机图片，则可以使用 PTP（图片传输协议）进行连接设置。若 Windows 系统电脑不支持 MTP，则可使用 PTP 传输。

The terminal will connect with charging port as default and support MTP (Media Transfer Protocol) or PTP (Picture Transfer Protocol). If you mainly transfer camera photos, you can use PTP connection settings. If the computer with Windows system doesn't support MTP, you can use PTP transmission.

注意：EDA51-X 支持高速 USB 通信（USB2.0），最大数据传输速度为 480 Mbps。

Note: EDA51-X supports high-speed USB communication (USB2.0), with maximum data transfer rate at 480 Mbps.

1. 将 EDA51-X 通过 USB CUP 连接至电脑。

2. 在 EDA51-X 屏幕上，选择媒体设备（MTP）或相机（PTP），EDA51-X 会将您的选择设为默认选择。

3. 从电脑上浏览 EDA51-X 文件。您可进行复制、删除或将文件在 EDA51-X 与电脑之间进行转存。

1. Connect EDA51-X to the computer.

2. Select Media device (MTP) or Camera (PTP) on the EDA51-X screen. EDA51-X will set your selection as default selection.

3. View the files stored in EDA51-X. You can copy, delete or transfer the files between EDA51-X and the computer.

如何在 EDA51-X 上浏览文件

用户可以使用文件管理来浏览 EDA51-X 和内存卡上的文件。

How to view files on EDA51-X

Users can view the files in EDA51-X and its memory card through File Explorer.

注意：因系统权限问题，某些文件不能被打开。可以根据需要，选择相应的应用来打开文件。

Note: Due to system permission issues, some files cannot be opened. Based on your needs, you can select respective apps to open the file.

1. 轻触**或者上拉**  > 文件管理器 。

2. 轻触文件夹名或文件名来打开文件。

1. Tap or pull upward  > File manager .

2. Tap the folder name or file name to open the file.

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EDA51-X 配件

EDA51-X Accessories

EDA51-X 无线终端配有原装电池。其他所有配件都需要单独订购及寄送。若您有需要，请联系当地销售代表。

EDA51-X terminal is equipped with original battery. All other accessories require separate order and shipment. If necessary, please contact your local sales representatives.

EDA51-X 附件及描述请参考 EDA70 附件列表

For EDA 51-X accessories and description, please refer to the list of EDA 70 accessories

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第 2 章- 用户界面及应用

Chapter II - User interface and application

2 用户界面及应用

2 - User interface and applications

本章节介绍 Android 系统用户界面，及如何与屏幕进行交互。用户还可以通过此章节了解无线终端上霍尼韦尔各种应用。

This chapter introduces the Android system user interface, and how to interact with the screen. Users can also learn about a variety of Honeywell applications on the terminal through this chapter.

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用户界面

Android 7.1 操作系统用户界面为用户提供了完美的触屏体验及便捷的导航体验。

User interface

Android 8.1 operating system user interface provides users with a perfect touch and easy navigation experience.

主界面

The main interface

开启无线终端并设置好语言后，屏幕首先显示主界面。

After switch on the terminal and setting up your preferred language, the main interface will be displayed on the screen first.



Status bar

Quick Search box

Pull up or tap to show all applications

Common applications

主界面描述

The main interface description

名称	描述
状态栏	左侧状态栏显示应用发送的系统消息，例如信息到达通知。右侧状态栏显示当前无线和网络连接状况及电量剩余情况。

常用应用	此栏的应用会一直显示在主界面上。
搜索框	使用 Google 搜索在网络或终端机上进行搜索

Name	Description
Status bar	The left side of the status bar displays system messages sent by the application, such as information notifications. The right of the status bar displays the current wireless and network connection status and remaining battery power.
Common applications	The applications on this bar will be displayed on the main interface.
Search bar	Use Google Search to search on the web or the terminal.

导航及功能键

在 EDA51-X 无线终端主界面的常用应用下方有导航键及功能键；无线终端两侧有其他功能性按键。







Navigation and function keys

There are navigation and function keys below the common applications in the main interface of EDA51-X; other function keys are on the two sides of the terminal.

导航及功能键

Navigation and function keys

按键	描述	功能
	返回	返回前一界面
	功能键	进入近期任务
	Home 键	返回主界面
	音量	调高或调低扬声器的音量
	扫描键	按住可进行扫描
	电源键	可以开机、关机、锁屏

Keys	Description	Functions
	Return	Return to the previous screen
	Function Key	Show the applications that have been visited recently
	Home Key	Return to the main interface
	Volume	Increase or decrease the speaker volume
	Scan Button	Press and hold to scan graphics
	Power button	Turn on, turn off, lock the screen

状态栏图标

状态和通知图标显示当前网络、电量、通知及声音设置。详细状态栏图标请参见如下表格：




Status bar icons













Status and notification icons display the current network connections, power, notifications and sound settings. Please refer the following table for detailed status bar icons:

状态及通知图标：

Status and notification icons:

图标	描述	图标	描述
	未完成日历事件		声音已关闭
	未报时闹钟；已设置闹钟		振动模式已开启

Icons	Description	Icons	Description
	Incomplete calendar events		Sound is disabled
	Not ringing alarm clock; alarm clock set		Vibration mode has been enabled

	新文本信息或多媒体信息		电池电量为 100%
	文本信息或多媒体信息传输失败		使用外部电源充电过程中
	新邮件		已开启飞行模式
	无线终端通过 USB 线连接在了电脑上		EDA51-X 和某蓝牙设备正在同步
	已开启 ABD (USB 故障排除开启)		蓝牙已开启
	数据同步中		Wi-Fi 信号充足
	同步或账号登录失败		Wi-Fi 已连接但无信号
	存储卡内存已满		已连接网络

New text messages or multimedia information



Battery power is 100% full



Text messages or multimedia information transmission failed



Being in charge with external power supply



New mails



Airplane mode is enabled

The terminal is connected to the computer via USB cable



EDA51-X is syncing with a Bluetooth-enabled device



ABD has been enabled (USB troubleshooting has been enabled)



EDA51-X is syncing with a Bluetooth-enabled device

Data Sync



Wi-Fi signal is adequate

Sync or account logon failed



Wi-Fi is connected, but with no signal



Memory card is full



Network connected

按键映射 KeyRemap

KeyRemap

用户可以更改左扫描键、右扫描键的默认功能。

Users can change the default functions of the left and right scanning buttons.

1. 点击**设置**>**按键映射**。
2. 轻触想要重新定义的按键。
3. 点击 **KEYS** 或 **APPS** 来浏览可选功能。
4. 为按键选择需定义的功能。选择的新功能会显示在按键名字下面。

1. Tap **Settings** > **Key Remap**.

2. Touch the keys you want to redefine.
3. Tap **KEYS** or **APPs** to view options.
4. Select the required functions for the key. The new functions selected will be displayed under the name of the key.

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浏览系统消息

用户可以在通知页面查看 EDA51-X 的系统消息。

Viewing system messages

Users can view EDA51-X's system messages in the notification page.



- 打开通知页面，从屏幕顶部向下轻扫。
- 关闭通知页面，从屏幕底端向上轻扫，或点击**返回键**或 **Home 键**。
- Open the notification page: swipe down from the top of the screen.
- Close the notification page: swipe up from the bottom of the screen or tap **Return key** or **Home key**.

管理系统消息

应用发给 EDA51-X 系统消息的时候，用户能很快对其进行处理。

Managing system messages

When the applications send system messages to EDA51-X, users can manage them quickly.

1. 系统消息图标出现时，从屏幕向下轻扫。
 2. 要对系统消息进行处理，则轻触此消息。相关应用就会打开以便用户进行处理。
- 将系统消息向一侧轻扫，可清除此条消息。
 - 将消息向左滑动，可对此消息进行设置。
1. When the system message icon appears, swipe down the screen.
 2. To manage the system message, touch it. The respective application will be opened for users to manage it.
- Swipe the system message to the side to clear it.
 - Slide the message to the left to set it.

主界面个性化设置

你可以将应用图标添加到任一主界面，以便更快捷打开这些应用。

Personalizing the main interface

You can add application icons to either one of the main interface to open these applications more quickly.

1. 点击或者上拉 。显示**所有应用**。

1. Tap or pull upward . To display **All applications**.

2. 将应用图标移动到主界面：长按要添加到主界面的图标，然后滑动手指将图标放置于任一主界面。

2. To move the application icon to the main interface: long press the icons to be added to the main interface, then slide your finger to place it on either one of the main interface.

将小部件图标移动到主界面：长按桌面->小部件->长按小部件图标，然后滑动手指将控件图标放置于任一主界面。

To move the application icon to the main interface: long press the desktop- > widget- >long press the widget icon, then slide your finger to place the control icon on either one of the main interface.

3. 将应用或者小部件从主界面上移除：长按此图标并滑向界面上方的 **X 删除**。

3. To remove the applications or widgets from the main interface: long press the icons and slide to **X Delete** on the top of the interface.

4. 长按桌面空白区域，显示菜单项“**壁纸**”“**小部件**”“**设置**”。

4. Long press the blank area on the desktop, and display menu **WALLPAPERS, WIDGETS** and **SETTINGS**.

自定义常用应用

用户可以应用添加在常用应用栏中，以便更快捷打开这些应用。

Customizing common applications

Users can add applications to the common application bar to open these applications more quickly.

1. 点击或者上拉 。显示**所有应用**。

2. 移除常用应用栏中的应用图标：长按常用应用栏中的图标并滑向屏幕顶端 **X 删除**。

3. 添加应用图标到常用应用栏中：长按要添加的应用，然后滑动手指将图标放置于常用应用栏中。

1. Tap or pull upward . To display **All applications**.

2. Long press the icons in the common application bar and slide it to the X Delete on the top of the interface.

3. To add application icon to the common application bar: long press the application to be added to the main interface, then slide your finger to place it in common applications.

使用 Google™ 搜索

Using Google™

使用界面上方的 Google 搜索引擎，可以帮助用户查找在终端机或互联网上的任何信息。

Use Google search engine at the top of the interface to help users find any information on the terminal or the internet.

1. 在任一主界面，轻触 Google 搜索栏，输入搜索条目。终端机上的搜索结果(比如说应用及联系人)

也会相应出现在网络搜索结果下面。

2. 轻触一条搜索提示目立即开始搜索，或者仅轻触其箭头将其输入搜索框，而不立即进行搜索。

1. In any of the main screens, tap Google search box and enter search object. The search results on the terminal (such as applications and contacts) will also appear on the network search result.

2. Tap a search prompt to start the search now, or simply tap the arrow to enter it into the search box without searching immediately.

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屏幕操作手势

Touch screen gestures

使用手指可以操作应用、菜单、屏幕键盘及界面上的其他功能。

Use your finger can operate applications, menus, on-screen keyboard and other functions on the interface.

- 轻触某功能或应用将其选中或启动。
- 输入名字或密码等内容时，轻触需要输入的地方，出现屏幕键盘以进行输入。
 - Tap a function or application to select or start it.
 - To enter a name or password, touch the place to enter and on-screen keyboard will appear for input.

其他操作手势包括：

Other touch screen gestures include:

- 长按：按下某图标并保持，直到系统有响应。
- 拖移：长按某图标，然后将手指在屏幕上移动到目标位置。例如：利用拖移方法，您可以在主界面上重新排列某些快捷方式。
- 轻扫或滑动：快速将手指在屏幕上进行移动，手指按下后不要停止。例如，用户可以向左或向右轻扫主屏幕来查看其它主屏幕。
- 双击：在地图或其他界面上连续快速点击两次可放大观看。再次双击可返回原尺寸。
- 捏合：某些应用中，可将两手指放在屏幕上捏合对物体进行缩小操作，或展开两个手指对物体进行放大操作。
 - Long press: press an icon and hold until the system reacts.
 - Drag: Press an icon, and then move your finger across the screen to the destination. For example: With dragging method, you can rearrange some shortcuts on the main interface.
 - Swipe or slide: Quickly move your finger on the screen and keep your finger touching on the screen. For example, users can swipe the home screen to the left or right to view other home screens.
 - Double-click: tap twice rapidly in a row on the map or other interface to enlarge it. Double-click again to return to the original size.
 - Kneading: In some applications, subjects can be zoomed out by kneading two fingers on the screen, or zoom in by expanding two fingers.


设置时区

EDA51-X 可自动根据网络同步时间和日期。用户可手动为所处区域设置时区。


Setting timezones

EDA51-X can automatically sync the time and date according to the network. Users can also set timezones for their regions manually.

1. 打开**设置**。
2. 点击**日期和时间**。
3. 关闭**自动确定日期和时间**勾选。
4. 点击**选择时区**并点击您所处区域的时区。
 1. Open **Settings**.
 2. Tap **Date & Time**.
 3. Uncheck **Automatic date & time**.
 4. Tap **Selecting Timezones** and tap the timezone for your region.

霍尼韦尔帮助用户排除故障并将无线终端连接至其他设备及网络上。点击或上拉  可显示以下表格中的应用。详情请点击：www.honeywellaidc.com.

Honeywell helps users troubleshoot and connect the terminals to other devices and networks. Tap or pull upward

 to show the applications below. For more details, please visit:




www.honeywellaidc.com.













EDA51-X 上的可用霍尼韦尔应用软件

Honeywell software applications available on EDA51-X

图 标 Icons	应用 Applications	描述 Descriptions
 Demos	Demos	包括 Scan Demo, NFC Demo 等, 可以进行扫描等功能的测试和使用 Scan Demo, NFC Demo and more included, allows testing and using functions like scanning.
 ConfigApps	ConfigApps	提供禁用/使能和卸载应用的方法 Prohibit/use and uninstallation of applications
 Configure Autorun	Configure Autorun	配置需要在开机时自动启动的应用 Autorun application when the device is being activated
 Backup	Backup	备份和恢复用户数据和用户设置 Backup and restore user data and Settings
 BattMon	BattMon	监控电池充电状态 Monitors battery-charging status
 Diagnostic Information	Diagnostic Information	查看设备信息, Honeywell 应用, 射频信息, 电池信息, 内存信息, 扫描头信息 Check equipment information, Honeywell applications, radio frequency information, RAM and scanner
 EZConfig	EZConfig	通过条形码和配置文件配置设备和应用 Configure equipment and applications through barcode and configuration documents

 File Browser	File Browser	查看设备中存储的文件
 IPConfig	IPConfig	应该查看和设置ip地址
 LogView	LogView	查看 Log 信息
 Ping	Ping	网络诊断工具，测试网络是否连通
 Reboot	Reboot	可以重启设备
 Route	Route	查看路由信息
 Wi-Fi Info	Wi-Fi info	查看Wi-Fi信息
 Wi-Fi Radio Settings	Wi-Fi Radio Settings	主要是设置wifi低功耗和wifi漫游切换的阈值

Icons	Applications	Descriptions
 Demos	Demos	Scan Demo, NFC Demo and more included, allows testing and using functions like Scan Demo and NFC.
 ConfigApps	ConfigApps	Prohibit/use and uninstallation of applications
 Configure Autorun	Configure Autorun	Autorun application when the device is being activated

	Backup	Backup and restore user data and settings
	BattMon	Monitors battery-charging status
	Diagnostic Information	Check equipment information, Honeywell applications, radio frequency information, RAM and scanner
	EZConfig	Configure equipment and applications through barcode and configuration documents
	File Browser	View files stored in the device
	IPConfig	View and set IP address
	LogView	View log information
	Ping	Network diagnostic tool to test whether the network is connected
	Reboot	Used to restart the device
	Route	View routing information
	Wi-Fi info	View Wi-Fi information
	Wi-Fi Radio Settings	It's mainly to set Wi-Fi low power dissipation and Wi-Fi roaming switch threshold

下载企业应用锁

Download Enterprise Application Lock (Applock)

Honeywell 企业应用锁 (Applock) 是一个 android app, 您可以配置哪些 app 可以被允许启动或者哪些 app 被禁止启动。Applock 的用户手册和安装程序可以通过以下网站下载: www.honeywellaidc.com

Honeywell Applock is an Android application which allows you to configure the apps that may or may not be allowed. The User Guide and installation procedure for Applock may be downloaded via: www.honeywellaidc.com

解锁开发者选项

如果您是 EDA51-X 的研发人员, 您可以轻松的解锁开发者选项。开发者选项可让您在 EDA51-X 研

发过程中进行测试及排除故障。解锁开发者选项后，系统菜单中会出现开发者选项连接。

Unlocking developer options

If you are a developer for EDA51-X, you can easily unlock developer options. Developer options can help you test and troubleshoot during the process of developing EDA51-X. After Developer options is unlocked, the system menu will present developer option connections.

1. 点击**设置**。
2. 点击**关于手机**。
3. 点击 版本号 7 次，之后会出现“您现在处于开发者模式!”的提示信息。
 1. Tap **Settings**.
 2. Tap **About phone**.
 3. Click the Build number 7 times and notification as "You are now in developer mode" will appear.

Non-GMS

EDA51-X 加入了 Google 的 Non-GMS 包。

应用包括: Maps, Voice Search, Drive, Photos, Chrome, Hangouts, Gmail, Google, Play Store, Play Music, Play Movies & TV, YouTube.

EDA51-X joined in Non-GM packages of Google.

The App includes Maps, Voice Search, Drive, Photos, Chrome, Hangouts, Gmail, Google, Play store, Play Music, Play Movies & TV, YouTube.

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3 扫描功能

3 - Scan Function

本章节介绍条形码扫描方法及扫描功能设置。

This chapter describes how to scan barcodes and set scan functions.

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扫描功能

扫描仪可读取 1D 及 2D 条形码、复合码及邮政编码。同时支持在真实应用场合全方位、高灵活性扫描。图像引擎同时可以捕获黑白影像，例如签名及受损的存货清单。

Scan Function

Integrated scanner enables reading for 1D and 2D barcode, composite code and postcode. It supports comprehensive, highly flexible scanning in real applications. Imaging Engine can capture black and white images, such as signatures and damaged inventory lists.

如何将数据作为 Android 键盘输入进行发送

How to transfer data via Android keyboard input

Scan wedge 功能将扫描条形码数据作为 Android 键盘输入发送到一主动应用程序。扫描 wedging 功能在 EDA51-X 无线终端上默认为使能状态。用户可以使用通过扫描仪或应用来接收 scan wedge 功能的应用。若某应用通过 Barcode Reader API 获取扫描功能，则扫描 wedge 功能将被暂时禁用。

Scan wedge feature enables transferring scanned barcode data to active applications via Android keyboard input. Scan wedge function is enabled by default on EDA51-X. Users can use applications that can accept scan wedge function through scanners or applications. If an application obtains scan function through Barcode Reader API, the scan wedge function will be temporarily disabled.

用户可以在 Software Development Kit (SDK)中建立 EDA51-X 自定义应用，SDK 下载地址为：www.honeywellaidc.com。

Users can build customized applications in Software Development Kit (SDK) for EDA51-X. Please download SDK at: www.honeywellaidc.com.

扫描数据处理与设置

Processing and settings for scanned data

处理步骤	关联扫描设置	
解码条形码	符号设置	
将条形码分析为 ISO8859-1	符号设置	
检测到特殊条形码并执行特定动作，而不是执行常规动作。	数据处理设置	启动浏览器 扫描到 Intent 启动 EZConfig
转换为已选字符组	数据处理设置	字符集

Processing steps	Respective scan settings	
Decode barcodes	Symbology settings	
Parsing the barcodes as ISO8859-1	Symbology settings	
Special barcodes detected activate special actions, rather than performing the normal operations.	Data processing settings	Start your browser Scan to Intent EZConfig enabled
Converted to the selected character set	Data processing settings	Character set

添加前缀与后缀，数据字符串组成顺序如下：

Add a prefix and suffix to make the data string in the following order:

• 前缀		前缀
• 符号前缀	数据处理设置	符号前缀
• 条形码数据		后缀
• 后缀		
• Prefix • Sign prefix • Barcode data • Suffix	Data processing settings	Prefix Sign prefix Suffix

分析前缀及后缀字符串的替换

Parsing the replacement for prefix and suffix string

激活 Total Freedom 插件	数据处理设置	数据编辑插件
将最后数据以 Android Key Events 形式注入	数据处理设置	wedge

Activate Total Freedom plug-in	Data processing settings	Data editing plug in
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Input the final data as Android Key Events	Data processing settings	wedge
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前缀和后缀字符串值内会出现替换。

Prefix and suffix will be replaced within the string value.

前缀和后缀分析

Prefix and suffix parsing

子字符串	替换字符代码	以 KeyEvent 形式 wedge
\r	13	No
\n	10	Yes
\t	9	Yes
\\	'\'	No

Substring	Replacement character code	Wedge in form of KeyEvent
\r	13	No
\n	10	Yes
\t	9	Yes
\\	'\'	No

更改扫描设置

对默认文件所做的更改适用于所有无文件的应用。

Changing scan settings

Changes made to the default file apply for all non-document applications.

1. 点击**设置**。
2. 点击**扫描设置**。
3. 点击 **Internal Scanner**。
4. 点击 **Default Profile**。
5. 选择 Data Processing 设置, Symbology 设置, Decode Settings, Imager Settings, Trigger Settings 或者 Notification Settings.
6. 修改设置以满足应用程序需求。
 1. Tap **Settings**.
 2. Tap **Scan Settings**.
 3. Tap **Internal Scanner**
 4. Tap **Default profile**.
 5. Select Data Processing Settings, Symbology Settings, Decode Settings, Imager Settings, Trigger Settings or Notification Settings.
 6. Modify the setting to meet application needs.

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恢复默认扫描设置



用户可轻松取消对默认文件夹做的所有更改并恢复出厂默认值。

Restoring default scan settings

Users can easily cancel all the changes made to default folder and restore the factory defaults.

注意：恢复某种设置的默认出厂值时，此文件夹中所有的设置都会恢复出厂默认值。

Note: Restore factory defaults for a certain setting, all the settings under this folder will be restored to factory defaults.

1. 点击任一扫描设置界面右上角的  图标。
 2. 点击 **Restore all defaults**.
1. Tap the  icon on the upright of any Scan Settings interface.
 2. Tap **Restore all defaults**.

扫描仪默认设置

Scanner default settings

根据如下表格了解 Data Processing Settings、Symbology Settings、Decode Settings、Imager Settings、Trigger Settings 及 Notification Settings。

Study the following table to learn about Data Processing Settings, Symbology Settings, Decode Settings, Imager Settings, Trigger Settings and Notification Settings.

数据处理设置

使用数据处理设置来设置 EDA51-X 处理条形码数据的方式。

Data processing settings

Use data processing settings to set the barcode data processing patterns for EDA51-X.

数据处理设置

Data processing settings

设置	描述	默认
Wedge	发送数据到应用程序的时候开启或者关闭发送条码数据作为 android 事件	开启
字符集	解释条码为字符时选择使用的字符集，可选的包括： <ul style="list-style-type: none">• ISO-8859-1• US-ASCII• UTF-16• UTF-16BE• UTF-16LE• UTF-8 对应相关 BarcodeReader 属性： PROPERTY_DATA_PROCESSOR_CHARSET	ISO-8859-1

Settings	Description	Default
Wedge	Enable or disable the transferring of barcode data as Android Events when sending data to the application.	Enabled
Character set	<p data-bbox="344 331 1126 392">Explain the selected character set when the barcode is a character, options including:</p> <ul data-bbox="344 432 496 658" style="list-style-type: none"> <li data-bbox="344 432 496 463">• ISO-8859-1 <li data-bbox="344 472 485 504">• US-ASCII <li data-bbox="344 512 456 544">• UTF-16 <li data-bbox="344 553 491 584">• UTF-16BE <li data-bbox="344 593 491 624">• UTF-16LE <li data-bbox="344 633 443 665">• UTF-8 <p data-bbox="344 696 895 757">The related BarCodeReader attributes: PROPERTY_DATA_PROCESSOR_CHARSET</p>	ISO-8859-1

前缀	在解码条码之前定义添加的字符	无
后缀	在解码条码之后定义添加的字符	无
数据编辑插件	指定一种免费的数据编辑插件	无
字符前缀	指定一种字符前缀去解码条码数据 <ul style="list-style-type: none"> • None • Honeywell • AIM 	无
启动浏览器	开启或者关闭 URL 条码，如果条码以 http://或者 https://，浏览器将会到开相应 URL 对应相关 BarCodeReader 属性： PROPERTY_DATA_PROCESSOR_LAUNCHBROWSER	开启
扫描 Intent	开启或者关闭指定的目标扫描处理。将条码应用为以下格式 ‘//’ ACTION ‘//’ intent-suffix ‘\$’ extra-data Where: 额外的操作和数据包括以下字符，来启动 Intent 或者相应应用 Intent action: “com.honeywell.scantointent.intent.action.” +ACTION Intent extra “com.honeywell.scantointent.intent.extra.DATA” contains the remainder of the bar code data after the first ‘\$’ character. 对应相关 BarCodeReader 属性： PROPERTY_DATA_PROCESSOR_SCAN_TO_INTENT	开启

Prefix	Define the character to be added in front of the decoding barcodes	No
Suffix	Define the character to be added at the end of the decoding barcodes	No
Data editing plugin	Specify a free plug-in for data editing	No
Character prefix	Specify a character prefix to decode the barcode data <ul style="list-style-type: none"> • None • Honeywell • AIM 	No
Start your	To open or close URL barcode, if the barcode start with http:// or	Enabled

browser https://, the browser will open the respective URL

The related BarCodeReader attributes:

PROPERTY_DATA_PROCESSOR_LAUNCH- BROWSER

Enable or disable scan processing for specified targets. Apply the barcode as the following format

‘//’ ACTION

‘//’ intent-suffix ‘\$’ extra-data

Where:

Additional operations and data include the following characters, to enable Intent or respective applications

Scan Intent

Enabled

Intent action:

“com.honeywell.scantointent.intent.action.”+ ACTION

Intent extra

“com.honeywell.scantointent.intent.extra.DATA” contains the remainder of the bar code data after the first ‘\$’ character.

The related BarCodeReader attributes:

PROPERTY_DATA_PROCESSOR_SCAN_TO_INTENT

<p>启动 EZ Config</p>	<p>开启或者关闭指定 EZConfig 操作到条码。采用 Aztec 符号编码并且包含指定的头数据。</p> <p>对应相关 BarcodeReader 属性：</p> <p>PROPERTY_DATA_PROCESSOR_LAUNCH_EZ_CONFIG</p>	<p>开启</p>
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<p>Start EZ Config</p>	<p>Enable or disable specifying EZ Config operations to barcode. Adopt Aztec code and include specified header data.</p> <p>The related BarcodeReader attributes:</p> <p>PROPERTY_DATA_PROCESSOR_LAUNCH_EZ_CONFIG</p>	<p>Enabled</p>
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符号设置

使用符号设置启用或禁用条形码识读码制。点击某个符号来浏览并修改符号配置参数。

Symbology settings

Enable or disable a barcode symbology with Symbology Settings. Tap on a symbol to view and modify the configuration parameters of the symbol.

符号设置

Symbology settings

设置	默认
Code 128	开启
GS1-128	开启
Code 39	开启
Datamatrix	开启
UPC-A	开启
UPC-E	关闭
EAN-8	关闭
EAN-13	开启
Aztec	开启
China Post	关闭
Codabar	开启
Codablock A	关闭
Codablock F	关闭
Code 11	关闭
Code 93	关闭

Settings	Default
Code 128	Enabled
GS1-128	Enabled
Code 39	Enabled
Datamatrix	Enabled
UPC-A	Enabled
UPC-E	Disabled
EAN-8	Disabled
EAN-13	Enabled
Aztec	Enabled
China Post	Disabled
Codabar	Enabled

Codablock A	Disabled
Codablock F	Disabled
Code 11	Disabled
Code 93	Disabled

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Composite	关闭
Han Xin	关闭
IATA 2 of 5	关闭
Interleaved 2 of 5	开启
Korean Post	关闭
Matrix 2 of 5	关闭
Maxicode	关闭
Micro PDF 417	关闭
MSI	关闭
PDF 417	关闭
QR Code	开启
RSS (GS1)	关闭
Standard 2 of 5	关闭
Telepen	关闭
TLC 39	关闭
Trioptic	关闭
2D Postal Settings	关闭
OCR	关闭

Composite	Disabled
Han Xin	Disabled
IATA 2 of 5	Disabled
Interleaved 2 of 5	Enabled
Korean Post	Disabled
Matrix 2 of 5	Disabled
Maxicode	Disabled
Micro PDF 417	Disabled
MSI	Disabled
PDF 417	Disabled
QR Code	Enabled
RSS (GS1)	Disabled
Standard 2 of 5	Disabled
Telepen	Disabled
TLC 39	Disabled

Trioptic	Disabled
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2D Postal Settings	Disabled
--------------------	----------

OCR	Disabled
-----	----------

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图像设置

用户应该无需更改图像色绘制。**覆盖推荐值**设置默认为关闭。推荐图像设置可应用于诸多环境，只有用户对图像有比较深入的了解时才可以进行更改。

Image settings

There should be no need for users to change image color rendering. **Covering the recommended value** is disabled by default. Recommended image settings can be applied in many environments; only the users who have more in-depth understanding on the image can change the settings.

触发设置

触发设置可设置扫描键使用方式。

Trigger settings

Trigger settings can set up the using patterns for scan key.

触发设置

Trigger settings

设置	描述	默认
解码超时	如果扫描触发被按住并且没有成功解码的话，扫描在 20 秒后自动关闭	20

Settings	Description	Default
Decoding timeout	If the scan trigger is held down but decoding is not successfully performed, Scanning will automatically shut down after 20 seconds	20

通知设置

可在通知设置中设置 EDA51-X 在扫描条形码时的响应方式。

Notification settings

You can set up the responses during scanning process for EDA51-X in the notification settings.

通知设置

Notification settings

设置	描述	默认
Good Read Notification	开启或关闭成功读取通知。通知包括绿色提示灯，短的提示音和可选的较短的震动	开启
Bad Read Notification	开启或关闭失败读取通知。通知包括红色提示灯，错误提示音和可选的较短的震动	关闭
Vibrate Enabled	不管读取成功或者失败，开启或关闭手机震动	关闭

Settings	Description	Default
Good Read Notification	Enable or disable Good Read Notification. Notification includes green indicator, short beep and optional short vibration	Enabled
Bad Read Notification	Enable or disable Fail to Read notification. Notification includes red indicator, failure beep and optional short vibration	Disabled
Vibrate Enabled	Regardless of succeeding or failing to read, turn on or off the phone vibrations	Disabled

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扫描条形码

扫描引擎会发出扫描光束，以便准确瞄准条形码。同时支持全方位 360°扫描，以便更便捷的扫描条形码。

Scanning barcodes

Scan engine will emit scanning beams for accurate barcode aiming. It will also support a full range of 360° scanning, which will make barcode scanning more convenient.

注意：开始扫描条形码之前，在设置里仅启用所需条形码字符。

Note: Before scanning a barcode, you only need to enable the desired barcode symbology in the settings.

1. 点击或者上拉  >Demos>ScanDemo。

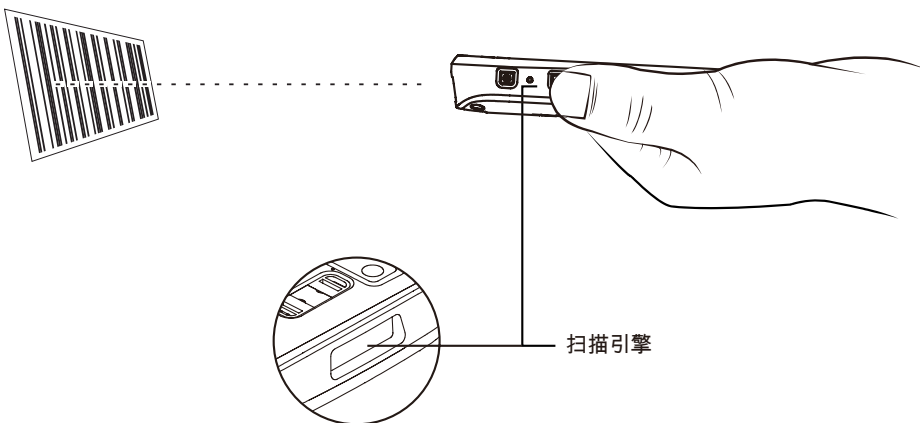
2. 将扫描窗口对准条形码并将无线终端拿稳，放在离条码标签几英寸的距离。

3. 点击其中一个扫描按键或在界面上点击 **Scan**。确保整个条形码处于扫描光照范围之内。

1. Tap or pull upward  >Demos>ScanDemo.

2. Align the scanning window with the barcode and stably place the terminal a few inches away from the barcode.

3. Press one of the scan keys or tap **Scan** on the interface. Make sure the entire barcode is within the scanning beam range.



扫描引擎

Scan Engine

扫描成功时，会听到一声“哔”声，且 Good Read LED 立即开启。

When the scanning is successfully completed, you will hear a "beep" sound, and the Good Read LED will open immediately.

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第 5 章— 使用照相机

Chapter V - Using Camera

5 使用照相机

5. Using Camera


本章介绍如何使用彩色照相机的功能拍摄照片和视频功能。


This chapter describes how to use a color camera to take photos and videos.

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彩色照相机

Color camera

EDA51-X 无线终端装有 500 万像素的彩色相机，可用于拍摄照片和视频图像。摄像头和闪光灯位于无线终端的背部。点击  应用可查看无线终端上存储的照片和视频。

EDA51-X is equipped with 13 megapixels color camera which can be used to take photos and videos. The camera and flash light are located on the back of the terminal. Tap Photo  Gallery app to view all the photos and videos stored on the terminal.

调整相机和视频设置

在相机应用中可调整相机和视频的设置。

Adjusting camera and video settings

Adjust the camera and video settings in the Camera apps.

变焦

焦距调节通过手指在屏幕上的缩放动作来控制。将两根手指同时放在屏幕上，然后：

Zooming

Focus adjustment is realized by zooming actions of the fingers on the screen. Place two fingers on the screen at the same time, then:



- 向相反方向分开两手指来放大图像（放大对象）。
- 向相反方向收拢两手指来缩小图像。
- Separate the two fingers in opposite directions to zoom in the images (enlarge objects).
- Fold the two fingers in opposite directions to zoom out the images

更改相机设置

为了在拍摄照片时获得最好的效果，用户可事先更改相机设置。


Changing camera settings


In order to obtain the best results when taking photos, users can change the camera settings beforehand.

1. 点击应用，再点击相机 。
2. 点击右上角闪光灯图标查看相机选项。
3. 点击 **HDR** 或其中任意图标更改相机基本设置。
 - 当 **HDR** 启用时，无线终端会自动捕获多张照片并将他们合成一张照片以达到可能的最好的图像质量。
 - 启用或关闭不同选项如取景模式、存储位置和图片大小。
1. Tap All Applications and then tap Camera .
2. Tap the Setting icon on the top right to view Camera Options.
3. Tap HDR or any icons to change the basic settings of the camera.
 - When HDR is enabled, the terminal will automatically capture multiple photos and composite them into one to achieve the best possible image quality.
 - Enable or disable various options, like viewfinder mode, storage location and image size.

拍摄照片

Taking photos

1. 点击应用，再点击相机 。

1. Tap All Applications and then tap Camera .

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2. 将屏幕当做取景器，移动无线终端直到看到想捕获的画面。
3. 轻触屏幕来对焦。默认情况下，照相机会自动感应环境光线，如需要会开启闪光灯。

4. 按下拍照键  拍摄照片。

2. Take the screen as a viewfinder and move the terminal until you get the images you want to capture.
3. Tap the screen to focus. By default, the camera automatically senses the ambient light, and the flashlight will be opened if necessary.






4. Press the camera key  to take photos






拍摄视频

本节介绍如何用无线终端的相机功能拍摄视频。

Shooting videos

This section describes how to use the camera function to shoot videos.

1. 点击应用，再点击相机 。
2. 点击右下角相机拍摄选项 。
3. 点击  选择视频。
4. 点击  开始视频拍摄。要调整焦距，可以用两手指在屏幕上进行捏合操作；要抓拍照片，可以在视频拍摄过程中点击屏幕进行即时抓拍。
5. 要结束视频拍摄，点击 。



1. Tap All Applications and then tap Camera 。
2. Tap Camera Shooting Options on the bottom right 。
3. Tap  to choose videos
4. Tap  to start video shooting. To adjust the focus, you can knead two fingers on the screen; to capture images, you can tap on the screen for instant capturing during video shooting process.
5. To stop video shooting, tap 。



更改视频设置

Changing video settings

为了在拍摄视频时获得最好的效果，用户可事先更改相机设置。

In order to obtain the best results when shooting videos, users can change the camera settings beforehand.

1. 点击应用，再点击相机 。
2. 点击 。
3. 点击右上角设置或者向右滑动查看视频选项。
4. 点击屏幕其他任意位置来开启或关闭相关选项。

1. Tap All Applications and then tap Camera .
2. Tap .
3. Tap settings on the top right corner or slide to the right to view Video Options.
4. Tap any other positions of the screen to enable or disable Camera Options.

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第 7 章- 配置无线终端

Chapter VII - Configuring Terminal

7 配置无线终端

7 - Configuring Terminal

本章节介绍如何配置 EDA51-X 无线终端。用户还可了解到如何配置网络通讯和无线安全。

This Chapter deals with configuration of EDA51-X. The user can also learn how to configure network communication and wireless security.

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配置无线终端

用户可以配置无线终端上的很多参数，例如解码的条码符号或网络设置。用户设定的这些参数值决定着无线终端如何工作。

Terminal configurations

Users can configure many parameters for the terminal, such as barcode symbologies to be decoded or network settings. These parameters set by the user decide how the terminal works.

用户在应用设置中配置无线终端。

Users can configure the terminal in Application Settings.

开始应用设置

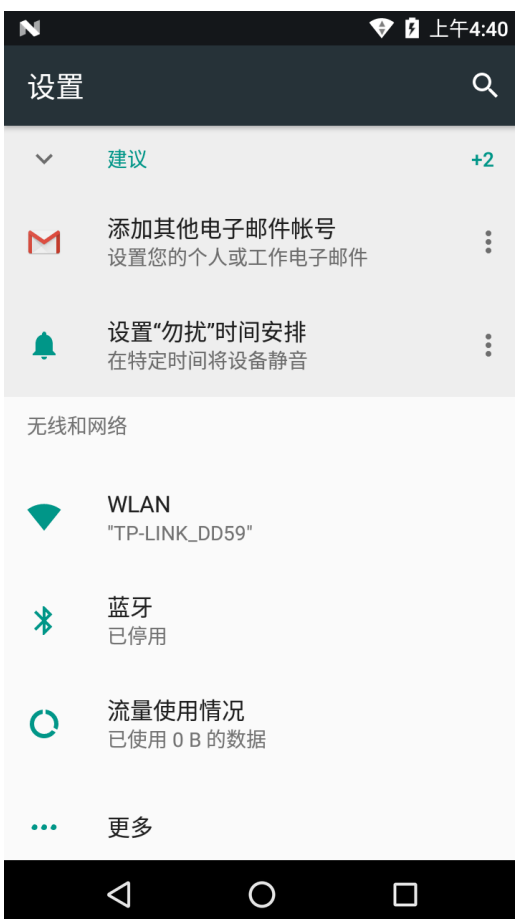
Setting launch applications

应用设置在应用菜单中。

Set the applications using the application menu.

点击设置。

Tap **Setting**.



应用设置的结构

本节介绍应用设置结构，以方便用户快速找到相关参数项。

Structure of the Application Settings

The section describes the structure of Application Settings to make it easier for users to quickly locate respective specifications.

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建议

通过智能预判用户的需求自动推荐快捷入口

Suggestions

Automatically recommend quick access through intelligent pre-judgment of user's needs.

无线和网络

Wireless & networks

设置	说明
WLAN	开启或关闭 Wi-Fi 无线电。当 Wi-Fi 开启时，点击该栏查看可用的 Wi-Fi 网络。
蓝牙	开启或关闭蓝牙无线电。当蓝牙开启时，点击该栏查看范围内的蓝牙设备。
流量使用情况	显示当前流量使用情况，包括 WLAN 和 移动网络 (当 sim 卡插入后 移动网络 才显示)
更多	<p>飞行模式：开启或关闭飞行模式。</p> <p>WLAN 通话：开启后通过 WI-FI 网络通话</p> <p>NFC：开启 NFC 时，允许手机在接触 NFC 标签的时候读取 NFC 标签信息。</p> <p>Android Beam：在 NFC 开启时，只要将两设备靠近，该功能可以使用户直接发送无线终端上的应用程序内容到另一个 NFC 支持的设备上。</p> <p>VPN：设置访问虚拟专用网络的密码。</p> <p>重置网络设置：重置所有网络设置。</p>

Settings	Introductions
Wi-Fi	To enable or disable Wi-Fi radios. When Wi-Fi is enabled, available Wi-Fi networks can be viewed by tapping this bar.
Bluetooth	To enable or disable Bluetooth radios. When Bluetooth connection is enabled, Bluetooth-enabled devices within the range can be viewed by tapping this bar.
Data usage	Displays the current usage of flow rate, including Wi-Fi and Cellular data. (Cellular data will displayed after sim card is inserted).
More...	<p>Airplane mode: to enable or disable Airplane mode.</p> <p>Wi-Fi Calling: to telephone through Wi-Fi network after it is being enabled.</p> <p>NFC: enabling NFC allows NFC tag information to be read when the terminal touches NFC tag.</p> <p>Android Beam: when NFC is enabled, this function allows users to send the application contents from the terminal directly to another NFC-supported device when the two get closer.</p> <p>Tethering & Portable Hotspot: a handheld device can be used as a</p>

wireless router to radiate the wireless network, and then other WLAN-enabled device can receive it.

VPN: Set a password for accessing the virtual private network.

Network setting reset: reset all network setting.

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设备

Device

设置	说明
声音	设置电话和提醒的声音，包括音调和音量。
显示	设置亮度、墙纸、休眠时间、字体大小和屏幕自动旋转。
通知	设置应用是否允许发送通知
存储	显示存储剩余空间。
电池	显示电池使用数据和当前电池状态。
应用	显示已下载和运行中的应用。
内存	显示内存使用量
用户	添加切换用户

Settings	Introductions
Sound	Set sound for calls and notifications, including the tone and volume.
Display	Set screen brightness, wallpaper, screen timeout, font size and screen rotation.
Notifications	Set whether the app allows notifications to be sent
Storage	Shows the remaining memory space.
Battery	Shows battery usage data and the current battery status.
Apps	Shows applications downloaded and on the run.
Memory	Display memory usage
Users	Add toggle user

个人

Personal

设置	说明
位置信息	打开和关闭位置信息（Google）。
安全	设置锁屏和管理员权限，应用安装和数据存储安全。
帐户	设置电子邮箱账户。
Google	Google 的相关服务
语言和输入法	选择当前语言和默认键盘。设置自动输入功能，如：大写和标点。设置外接鼠标或触摸屏的光标速度。
备份和重置	恢复出厂设置。

Settings	Introductions
Location	To enable or disable location information (Google).

Security	Set screen lock and administrator privileges, including application installation and data storage security.
Accounts	Set up an e-mail account.
Google	Related services of Google
Language & input	Select the current language and the default keyboard. Set automatic input function, such as: capitalization and punctuation. Set the cursor speed for external mouse or touch screen.
Backup & reset	Factory Data Reset.

设置 Settings	说明 Introductions
按键映射 Key Remap	重新定义左扫描键，右扫描键，中扫描键，以及 P1, P2 键。更多帮助，参见按键映射。 Redefines left scan button, right scan button, middle scan button and P1, P2 buttons. For more information please refer to Mapping Button .
Honeywell Battery LED	配置电池 LED 亮灯模式。 Configuring battery LED lighting modes.
扫描设备 Scan Settings	配置 EDA50K-X 成像器。更多帮助，参见更改扫描设置。 Configure ScanPal EDA50K-X imager. For more help, please refer to <i>changing scan Settings</i> .
日志 Logger	启动 android logcat 和 linux kernel 的日志服务，为了能方便抓取设备运行中的问题 Activates Android Logcat and Linux Kernel log services to facilitate identification of problems during the device's operation
Smart sensors	通过集成到设备中的 sensor 更好进行电源管理 Integrated sensor allows better power management

系统

System

设置	说明
日期和时间	配置所有日期和时间的设置。
定时开关机	设置定时开关机
无障碍	设置辅助功能级别，例如：大号字体和文字转语音输出。
打印	配置打印选项。
关于手机	显示无线终端系统的信息。

Settings	Introductions
Date & Time	Configure all time and date settings.
Scheduled Power On and Off	Set scheduled power on and off
Accessibility	Set auxiliary function level, for example: large font and text-to-speech output.
Printing	Configure printing options.
About phone	Shows information about the terminal system.

网络通讯

用户可以将无线终端连接到其无线和有线网络中。用户可通过以下方法连接无线终端：

Network communication

Users can connect the terminal to wireless and wired networks. Users can get the terminal connected via the following ways:

- 802.11 无线电
- 蓝牙
- USB
 - 802.11 radios
 - Bluetooth
 - USB


连接到 Wi-Fi 网络

Connecting to Wi-Fi networks


使用无线通讯，GEDA51-X 通过 802.11 无线电来传输数据。用户在连接到 Wi-Fi 网络前，需要了解网络的安全协议和其要求的证书。通常情况下，802.11 无线电默认是关闭的。

When communicating through wireless networks, EDA51-X transfer data through 802.11 radios. Before connecting to a Wi-Fi network, users need to know the Security Protocol of the network and the certificates it required. Usually, 802.11 radio is disabled by default.

1. 进入 设置>WLAN。
2. 当 WLAN 开关变为蓝色，显示搜索到的网络列表。
 1. Enter **Settings** > WLAN.
 2. When the WLAN switch turns blue, tapping the WLAN bar will display the detected network list.

3. 要通过 **WI-FI 保护接入 (WPS)** 快速连接到一个网络时，点击  刷新。要搜索不在列表中的网络，滑动到列表的末尾，点击添加网络并输入网络名称。

4. 点击某个网络名称以查看其详细信息。

3. To quickly connect to a network via **Wi-Fi Protected Access (WPS)**, tap  > **Refresh**. To search the network outside of the list, slide to the end of the list and tap **Add network** and enter the network name.

4. Tap on a network name to view its details.

如果该网络是安全的，会弹出一个列表要求填入所需信息（例如：证书名称，密码或者其他凭证）。要连接到某个安全网络，输入所需信息，然后点击连接。

If the network is secure, a form will pop up asking you to fill in the necessary information (for example: certificate name, password or other credentials). To connect to a secure network, enter the required information, and then tap **Connect**.

- 要离开已连接的网络，点击忘记。例如：用户可以选择忘记一个不再使用的网络。
- 要关闭网络信息屏，点击取消。
- To leave the network that has been connected, tap **Forget**. For example, users can choose to forget a network that they won't use again.
- To close the network information screen, tap **Cancel**.

配置 Wi-Fi 网络的代理服务设置

Configuring Wi-Fi network proxy servers

如果用户需要通过代理服务器连接到网络资源，则需要对每个添加的 **WiFi** 网络配置代理服务器。默认情况下，用户添加的 **Wi-Fi** 网络都未进行代理服务器的设置。

If users need to connect to network resources through a proxy server, they need to configure a proxy server for each **Wi-Fi** network added. By default, none of the **Wi-Fi** networks added by users has done proxy server settings.

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注意：代理服务器设置只适用于用户修改过的 Wi-Fi 网络。用户必须为每个要求用代理服务器的网络设置其代理服务器。

Note: Proxy server settings only apply to the Wi-Fi networks that users modified. Users have to set proxy servers for each network that requires the using of proxy server.

1. 进入应用设置页面，点击 **Wi-Fi**，显示可用的 **Wi-Fi** 网络。
 2. 长按网络名称，然后点击连接到网络，将弹出网络设置列表。
 3. 在网络设置列表底部选择显示高级选项。
 4. 如果该网络没有代理服务器设置，则在代理服务器设置列表中点击无，然后再点击手动。
 5. 输入该网络的代理服务器设置。
 6. 点击保存。
1. Enter Application Settings screen, tap **Wi-Fi** to show available Wi-Fi networks.
 2. Long press the network name, then tap **Connect the Network**, then a network setting list will pop up.
 3. Choose Show Advanced Options at the bottom of the network setting list.
 4. If the network does not have proxy server settings, tap **None** on the proxy server setting list, and then tap **Manual Settings**.
 5. Enter the network proxy server settings.
 6. Tap **Save**.

关闭 Wi-Fi 通知

Wi-Fi 在默认情况下是启用的，当无线终端搜索到无线网络，用户会在状态栏收到通知。用户可以关闭这些通知。

Disable Wi-Fi notifications

Wi-Fi is enabled by default. Users will receive notifications in the Status Bar when the terminal finds wireless networks. Users can disable these notifications.

1. 进入应用设置界面。
 2. 点击 **WI-FI** 栏。
 3. 点击右上角设置图标
 4. 将网络通知复选框取消以关闭通知。
1. Enter Application Settings screen.
 2. Tap Wi-Fi bar.
 3. Tap the Settings icon on the top right.
 4. Uncheck the Network notification to disable Wi-Fi Notifications.

连接到虚拟专用网络

Connecting to a virtual private network

无线终端支持连接到虚拟专用网络（VPN）。本节介绍如何添加和连接到 VPN。要配置 VPN，用户须先咨询网络管理员。用户可以在应用设置里面查看和更改 VPN 设置。

The terminal supports connection to virtual private networks (VPNs). This section describes how to add and connect to VPNs. To configure a VPN, users must consult your network administrator. Users can view and change VPN settings in the Application Settings.

注意：用户在访问 VPN 前，需要先设置锁屏密码。

Note: Before accessing VPN, users need to set a lock screen password.

添加 VPN

Add VPN

用户在连接到 VPN 前，须先添加 VPN 相关信息。

Before connecting to a VPN, users must first add the relevant information of the VPN.

1. 进入应用设置界面。
 2. 在无线和网络栏点击更多。
 3. 点击 VPN。
 4. 点击添加 VPN 加号。
 5. 输入 VPN 信息。
 6. 点击保存，VPN 名称显示在列表中。
1. Enter Application Settings screen.
 2. Tap **More** under **Wireless and Networks**.
 3. Tap **VPN**.
 4. Tap VPN +.
 5. Input the VPN information.
 6. Tap Save, and VPN name will be displayed in the list.

连接到 VPN

Connect to VPN

1. 进入应用设置界面。
 2. 在无线和网络栏点击更多。
 3. 点击 VPN。
 4. 在列表中点击 VPN 名称，根据提示输入证书信息。
 5. 点击连接。无线终端连接到 VPN，并显示状态图标和通知。
1. Enter Application Settings screen.
 2. Tap **More** under **Wireless and Network**.
 3. Tap VPN.
 4. Tap the VPN name in the list, and enter the certificate information based on the tips.
 5. Tap **Connect**. The terminal gets connected to the VPN, and the status icons and notification will be displayed.

要断开与 VPN 的连接，点击通知。

To disconnect from the VPN, tap the notification.

编辑 VPN 信息

1. 进入应用设置界面。
2. 在无线和网络栏点击更多。
3. 点击 VPN。
4. 长按要编辑的 VPN 名，然后从列表中选择编辑网络。
5. 根据需要编辑 VPN 信息。

Edit VPN information

1. Enter Application Settings screen.
2. Tap **More** under **Wireless and Network**.
3. Tap VPN.
4. Long press the name of the VPN to be edited and select Editing Networks from the list.
5. Edit VPN information based on your needs.

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6. 编辑完成后点击保存。

6. Tap **Save** after editing.

无线安全

Wireless Security

无线终端为用户的无线网络提供以下安全方案。

The terminal provides the following security solutions for users' wireless network.

- WPA2™
- WPA
- 802.1x
- LEAP
- WEP

用户在设置安全方案前，须先启用无线电，在无线终端上设置日期和 SSID。要使用 802.1x 方案，用户须先下载一个根证书到无线终端上。要和 802.1x 一起使用传输层安全协议（TLS），用户也要先下载一个用户证书。

Before setting up security program, you must first enable the radio and set the date and SSID on the terminal. To use 802.1x program, users must download a root certificate to the terminal. To use Transport Layer Security protocol (TLS) together with 802.1x , users also need to download a user certificate first.

在应用设置页面中查看和配置所有的无线安全设置。

View and configure all of the wireless security settings in the Application Settings screen.

证书

Certificates

用户可以使用数字证书来鉴定无线终端的网络访问或服务器验证。要使用证书来鉴定设备，用户须先将设备安装在无线终端上受信任的证书存储中。

Users can use digital certificates to identify the terminal's network access or server validation. To identify the device with certificates, users must first install the device to the trusted certification store on the terminal.

安卓支持 DER 编码的 X.509 证书，该证书保存在以 .crt 或 .cer 为扩展名的文档中。安装 der 格式的有效证书。安卓还支持 X.509 证书，该证书 保存在以 p12 或 .pfx 为扩展名的 PKCS#12 密匙存储文件中。如果要安 装一个有效的以其他扩展名结尾的密匙存储文件，用户须先将扩展名改 成.p12 或.pfx。当用户从 PKCS#12 密匙存储文件中安装了一个证书， 安卓还安装其附带的私人密匙证书或权限证书。

Android supports DER encoded X.509 certificate stored in the documents with .crt or .cer extension. Install a valid DER-format certificate. Android also supports X.509 certificate stored in PKCS # 12 key store file with p12 or .pfx extension. To install a valid key storage file with other extensions at the end, users must change the extension to .p12 or .pfx first. If users installed a certificate from the PKCS # 12 key store file, Android will also install the private key certificate or a certificate authority that came with it.

下载证书

Download certificates

要使用证书，用户须先将证书安装在无线终端上受信任的证书存储中。

To use the certificate, users must first install the certificate to the trusted certification store on the terminal.

注意：一些支持证书的应用，如邮箱和浏览器等，允许用户从应用中直接安装证书。更多信息，参考应用中的帮助文档。

Note: Some applications that support certificates, such as email and browsers, allow users to install the certificate directly from the application. For more information, please refer to the Help Documentation in the application.

1. 将证书或密钥存储器从电脑中复制到 SD 卡中。
2. 将 SD 卡装入电脑，开启电脑。
3. 进入应用设置，点击安全>从 SD 卡安装。
 1. Copy the certificate or key storage from computer to the SD card.
 2. Install the SD card in the terminal and turn on the terminal.
 3. Enter Application Settings, tap **Safety > Install From SD Card**.

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4. 点击证书或密钥存储器名称安装。根据提示输入密钥存储器密码，然后点击确定。
5. 输入证书名称，点击确定。
4. Tap the name of the certificate or key storage to install. Following the tips to enter the password of the key storage, then tap **OK**.
5. Enter the certificate name and tap **OK**.

禁用或删除证书

如果证书是被盗用的或者用户选择的组织不信任该证书，用户可将其禁用或删除。

Disable or delete certificates

If the certificate is a stolen one or the organization selected by the user does not trust the certificate, the user can disable or delete the certificate.

1. 进入应用设置，点击安全 > 受信任的凭据。受信任的证书屏有两个标签：
 - 系统标签显示 ROM 中已经安装的 CA 证书。
 - 用户标签显示用户自己已安装的 CA 证书。
1. Enter Application Settings, tap **Safety > Trusted Credentials**. There are two tabs in the Trusted Certificate screen:
 - System tab displays CA certificates installed in ROM.
 - User tab displays CA certificates installed by users.
2. 点击证书名称将其禁用或删除，弹出证书详情屏幕。
3. 向下滑动屏幕到最屏幕底部，点击禁用（系统证书）或删除（用户证书）。
2. Tap the certificate name to disable or delete it, and the certificate details screen will pop up.
3. Slide the screen down to the bottom, tap **Disable** (system certificates) or **delete** (user certificates).

如有需要，用户可在此启用已被禁用的系统证书。如果是已被删除的用户证书，则须重新安装才能再次启用。

If necessary, users can enable the disabled system certificate here. For deleted user certificates, users must reinstall it to enable it again.

4. 点击确定。
4. Tap **OK**.

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蓝牙通讯

Bluetooth communication

EDA51-X 支持蓝牙通讯，允许用户和其他蓝牙设备连接。

EDA51-X supports Bluetooth communication, allowing users to get connected with other Bluetooth-enabled devices.

搜索和连接其他蓝牙设备前，用户须先开启蓝牙无线电。默认情况下，蓝牙无线电是关闭的。

Before searching for and connecting to other Bluetooth-enabled devices, users must enable the Bluetooth radio. By default, Bluetooth radio is disabled.

蓝牙无线电可通过系统重置恢复到其当前的状态。如果用户重置过系统数据，必须重新建立配对设备。蓝牙状态显示在系统图标栏上。

Bluetooth radio can be restored to its current state by system resetting. If users have reset the system data, they must re-establish the paired devices. Bluetooth status is displayed on the System Icon bar.

连接蓝牙设备

要连接到一个蓝牙设备，用户须先开启蓝牙然后从已搜索到的设备列表中选择一个设备。

Pairing with a Bluetooth-enabled device

To connect to a Bluetooth-enabled device, users should enable Bluetooth radio first and then choose the device from the detected device list.

1. 进入应用设置。
2. 点击蓝牙，如果蓝牙开关未打开，滑动开关将其打开。
3. 蓝牙开启后，显示可用的蓝牙设备列表。
 1. Enter Application Settings screen.
 2. Tap **Bluetooth**. If Bluetooth switch is off, slide it on.
 3. It will display available Bluetooth-enabled device list after **Bluetooth** switched on.

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4. (可选) 如果用户想连接的设备不在列表中, 先检查该设备是否开启了蓝牙功能并处于可被搜索状态, 然后点击搜索设备。
4. (Optional) If the desired device is not listed, please check if the Bluetooth of that device has been enabled and is detectable, and then tap **Scan Device**.

5. 在列表中点击某个设备将其选中。显示配对对话框后, 输入设备 PIN 码, 点击确定。当设备和无线终端已成功配对, 该设备名称将出现在顶部的配对设备列表中。
5. Select the device to pair with. After Pairing Dialog Box is displayed, enter the device PIN code, and tap **OK**. When the device and the terminal s have been successfully paired, the device name will appear in the list of paired devices at the top.

6. 要与已配对设备断开连接, 点击设备名旁的快速设置图标, 然后点击取消
6. To disconnect with the paired device, tap the Quick Setting icon beside the device name, and then tap **Cancel Pairing**.



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配置蓝牙设置

用户可在应用设置中配置蓝牙设置。

Configuring Bluetooth settings

Users can configure for Bluetooth in Application Settings.

1. 进入应用设置界面，点击蓝牙。
2. 点击菜单图标 ，从菜单中选择一个设置：
 1. Enter Application Settings screen, and tap **Bluetooth**.
 2. Tap Menu icon  to select one for setting:

- 刷新
- 点击重命名手机更改无线终端设备名称。输入新名称，然后点击重命名。
- 点击显示接收到的文件在接收到的文件中查看数据。
- Refresh.
- Tap Rename phone to change the name of the terminal. Enter a new name and then tap **Rename**.
- Tap **Show received files** to view data in the received files.

搜索 EDA51-X 无线终端

在默认情况下，蓝牙打开后，设备可被搜索到的。

Searching for EDA51-X

By default, the device can be searched during Bluetooth is turned on.

重命名或断开已配对设备

用户可在应用设置中重命名或断开已经配对的蓝牙设备。

Renaming or disconnecting a paired device

Users can rename or disconnect a paired Bluetooth-enabled device in the Application Settings.

1. 进入应用设置界面，点击蓝牙。
 2. 点击已配对列表中的设置图标。
 3. 要重命名设备，点击重命名，输入新名称，点击确定。
- 要断开与该设备的连接，点击取消保存。
1. Enter Application Settings screen, and tap **Bluetooth**.
 2. Tap **Settings** icon in the Paired List.
 3. To rename the device, tap **Rename**, enter a new name and click **OK**.

To disconnect with this device, tap **Cancel save**.

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USB 通讯

通过 USB 通讯，用户可使用下列配件将数据传输到其他设备或从其他设备接收数据。

Communication via USB

By communication via USB, users can transfer data to other devices or receive data from other devices with the following accessories.

- USB CUP 线

关于配件的更多信息，联系当地经销商。

- USB CUP cable

For more information about accessories, please contact local resellers.

近场通讯

Near Field Communication (NFC)

NFC 技术提供 EDA51-X 与 NFC tags，或与同样具有 NFC 近场通讯的设备间，短距离的无线数据传输。

NFC technology provides short-range wireless data transmission between EDA51-X with NFC tags or other NFC-enabled devices near its back.

具备 NFC 功能的 EDA51-X 机型支持以下操作模式：

NFC-enabled EDA51-X models support the following operations:

NFC tag 读/写模式：无线终端从 NFC tag 读取信息或往 NFC tag 写入信息。

NFC tag read / write mode: The terminal reads digital information from the NFC tag or writes information into NFC tag.

注意：睡眠模式（挂起模式）和锁屏状态下会暂时关闭 NFC 无线电。

Note: When in sleep mode (suspend mode) and lock-screen state, NFC radio will be temporarily disabled.

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第 7 章- 管理和维护

Chapter VII - Management and Maintenance

7 管理和维护

7- Management and Maintenance

本章介绍如何升级软件、重置无线终端以及维护 EDA51-X 。

This Chapter deals with software upgrade, resetting terminal and maintenance of EDA51-X.

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升级系统软件

Upgrading system software

EDA51-X 系统软件的升级需通过从技术支持网站上下载“.zip”文件完成。网站地址：

The other system softwares of EDA51-X can be upgraded by downloading ".zip" files from the Technical Support Website. Website:

AutoInstall 应用升级

Upgrading AutoInstall application

1. 将升级文件“**EDA50K_OTA_XXXXX_Update.zip**”文件拷贝到以下 EDA51-X 系统文件夹中：

- 文件管理\外置存储卡\honeywell\autoinstall
- IPISM\honeywell\autoinstall

1. Copy the upgrade file "**EDA50K_OTA_XXXXX_Update.zip**" to the following EDA51-X's system folder:

- File Explorer\External Memory Card\Honeywell\Autoinstall
- IPISM\Honeywell\Autoinstall

2. 点击所有应用 > AutoInstall Settings。

3. 选择 Packages upgrade, EDA51-X 将自动重启并安装升级文件。

2. Tap **All Applications > AutoInstall Settings**.

3. Choose **Packages update**, and EDA51-X will restart and install the upgrade file.

Recovery 菜单手动升级

Manually upgrading Recovery Menu

1. 将“**EDA50K_OTA_XXXXX_Update.zip**”文件拷贝到 T 卡的根目录。

2. 关机状态下，同时按住“电源键”+“音量+”约 15 秒左右手机进入 Recovery 菜单。

3. 按住“音量-”，选中“Apply update from sdcard”。按“电源键”，然后选中刚才拷贝的 zip 文件，按住“电源键”。

4. 升级成功后会自动跳到 Reboot System Now 菜单，按下“电源键”重启无线终端。

1. Copy the file " EDA50K_OTA_XXXXX_Update.zip " to the root directory of the T card.

2. Turn off the terminal, press and hold the "**Power button**" + "**Volume+**" key for about 15s, then the phone will enter **Recovery Menu**.

3. Press "**Volume-**", and select "**Apply update from SD card**". Press "**Power button**", select the zip file just copied, then press and hold the "**Power button**".

4. After the upgrading is completed, it will automatically move to **Reboot System Now Menu**. Please press the "**Power button**" to restart the terminal.

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重启无线终端

Restarting the Terminal

若无线终端或某个应用程序锁死或按电源键无响应，则需要重启无线终端。

If the terminal or an application is locked or doesn't respond when pressing the power button, you need to restart the terminal.

重启时无线终端使用闪存中当前保存的配置。尝试以下方法重启无线终端：

When restarting, the terminal will use the current configuration saved in the flash memory. Try the following ways to restart the terminal:

- 重启系统：重启无线终端操作系统
- 硬件重启：若按电源键无响应，则需要长按电源键（13s），终端将会强制关机，并重启系统
- 恢复出厂设置：完全清除无线终端中的数据，包括所有应用和数据文件，但不包括内置文件或可移动存储设备中的数据。
 - **Restarting the system:** Restarts the terminal's operating system
 - **Restarting hardware:** If there is no response after pressing the **power button**, hold it down for 13 seconds to force restart of the device
 - **Restore default settings:** Clears all data in the terminal including all applications, data and files except built-in files or data in the movable storage device

重启系统

当某个应用程序无响应时，可能需要重启系统解决该问题。

Restarting the system

When an application is not responding, you may need to restart the terminal to resolve the issue.

1. 保存文件并关闭已打开的应用。
2. 按住“电源键”直到显示如下界面：
 1. Save the file and close open applications.
 2. Press and hold "**Power button**" until the following interface displayed:



3. 点击 关机, EDA51-X 关机。
4. 按“电源键”重启 EDA51-X 。
3. Tap **Power off** to switch off EDA51-X.
4. Press down "Power button" to restart EDA51-X.

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恢复出厂设置

Restore factory settings

若无线终端出现类似锁死的情况，可尝试冷启动。若重置无效，采取恢复出厂设置的方式，重启机器使其正常工作再进行故障排除。

If the terminal appears to be locked, try a cold boot. If resetting is invalid, try to restore factory settings, restart the terminal to make it work again and do troubleshooting later.

警告：此操作将清除无线终端中的所有用户数据，包括所有应用和数据，但不包括闪存或外接存储设备中的数据。

Warning: This action will clear all data in the terminal, including all applications and data, but excluding data stored in flash memory or external storage device.

1. 点击 设置。
2. 点击 备份和重置。
3. 点击 恢复出厂设置。
4. 点击 恢复手机出厂设置。
5. EDA51-X 将重启并自动清除用户数据。
 1. Tap **Settings**.
 2. Tap **Backup & Reset**.
 3. Tap **Factory Data Reset**.
 4. Tap **Reset Phone**.
 5. EDA51-X will restart and automatically clear user data.

清洁终端机

为了使终端机处于良好的工作状态，需要清洁扫描窗、摄像头以及触摸屏。根据使用终端机的环境情况，定期对这些部位进行清洁。用干净柔软的软布蘸取以下溶剂进行清洁，并迅速用另一块干净的软布擦拭干净。

- 醋酸（10%溶于水）
- 乙醇（10%溶于水）
- 中性肥皂溶液



警告：产品内部不含用户可自行维修的零部件，自行拆卸产品将导致无法进行保修，并且可能对产品内部造成损伤。



注意：建议清洁时不要打开电池盖或取出电池，这样可避免液体从 SIM 卡和 SD 卡接口处进入终端机内部。

1. 按**电源键**将终端机进入待机模式。
2. 将干净的布蘸取清洁剂，然后拧干多余的水分。
3. 擦拭扫描窗、摄像头和闪光灯区域，避免任何硬物或研磨材料接触这些区域。
4. 擦干已清洁区域。
5. 将终端机充分晾干后方可再次使用。

Cleaning the terminal

In order to ensure the terminal in good working condition, you need to clean the scan window, camera and touch screen. Based on the environmental conditions where the terminal is being used, clean these parts at regular intervals. Use a clean, soft cloth which dampened with the following solvents for the cleaning, and quickly wipe it with another piece of clean, soft cloth.

- Acetic acid (10% soluble in water)
- Ethanol (10% soluble in water)
- Neutral soap solution

Warnings: this product includes non user-serviceable parts inside. Disassembling the product may prevent warranty and cause internal damages to the product.

Note: We advise you not to open the battery cover or remove the battery, so as to avoid the liquid flowing into the internal part of the terminal from the SIM card and SD card interface.

1. Press the **power button** to enter standby mode.
2. Dip a clean cloth in detergent, then wrung out excessive water.
3. Wipe the scanning window, camera and flash area, avoiding touching these areas with hard objects or abrasive materials.
4. Dry the cleaned area.
5. Make sure the terminal is fully dry before using it again.

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8 参数

8. Specifications

物理和环境参数

Mechanical and environmental specifications

本章节提供 EDA51-X 的物理和环境参数。

This Chapter provides the mechanical and environment specifications of EDA51-X

产品外形尺寸

Product dimensions

长	214mm
宽	118 mm
厚	21 mm
重量（含电池）	550 g（含电池）
滚筒和跌落标准	
滚筒标准	0.5m 滚筒 200 次
跌落标准	1.2 米水泥地面多次跌落
功率和电气参数	
电池	可充电锂电池
充电量	5 V, 1.2 A
温度和湿度参数	
工作温度	-10 ℃ ~ 50 ℃ (14 ℉ ~ 122 ℉)
储存温度	-20 ℃ ~ 60 ℃ (-4 ℉ ~ 140 ℉)

Length 214mm

Width 118 mm

Thickness 21 mm

Weight (with battery) 500 g (with battery)

Tumble and drop standards

Tumble 200 tumbles within 0.5m

Drop Multiple drops form 1.2 m to concrete at room temperature

Power and electrical specifications

Battery Rechargeable Li-ion battery

Charging power 5 V, 1.2 A

Temperature and humidity specifications

Operating temperature -10 °C ~ 50 °C (14 °F ~ 122 °F)

Storage temperature -20 °C ~ 60 °C (-4 °F ~ 140 °F)

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相对湿度（工作时）	10%~90% 无冷凝
环境等级	IP64

Relative humidity (during operation) 10% to 90%, non condensing

Environmental sealing IP64

显示屏参数

Display specifications

7.0 英寸彩色液晶显示屏 / 1280x720 像素/ 全视角 / 电容式触摸屏
7.0-inch color LCD/1280x720 pixel HD/full-perspective/capacitive touch screen

语言支持

Language Support

国际英语、法语、德语、意大利语、西班牙语、简体中文、繁体中文。
Language Supports and not limited to WW English, French, German, Italian, Spanish, Simplified Chinese, Traditional Chinese.

条形码支持

Symbolgies Support

支持以下条码符号：
The following symbologies are supported:

一维码：

1D codes:

- Codabar
- Code 3 of 9
- Code 11
- Code 32
- Code 93
- Code 128
- EAN-8
- EAN-13
- GS1-128
- Korea Post
- IATA 2 of 5
- Industrial 2 of 5
- Interleaved 2 of 5
- ISBN
- ISBT 128
- Matrix 2 of 5
- MSI Plessey
- EAN.RCC (RSS-14)

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- RSS Limited
- RSS Expanded
- Telepen
- Trioptic Code
- UPC-A
- UPC-E

二维码:

2D codes:

- Aztec Code
- Codablock A
- Codablock F
- DataMatrix
- HanXin
- Maxicode
- Micro PDF 417
- MicroQr
- PDF 417
- QR Code
- TLC39
- OCR-A
- OCR-B

邮政条码:

Postal codes:

- 澳大利亚邮编
- 加拿大邮编
- KIX (荷兰) 邮编
- 日本邮编
- 英国邮编
- Australian Postcode
- Canadian Postcode
- KIX (Dutch) Postcode
- Japanese Postcode
- UK Postcode

- Planet Code
- Postnet
- UsIntelligent
- Info mail
- UPU(ID-tag)

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扫描景深 (DOF)

Scan Depth of Field (DOF)

产品的 DOF 性能按以下条件进行测量:

DOF performance of the product was measured under the following conditions:

- DOF 是指从扫描引擎顶端到条码的距离
- 23 °C (73 °F) , 0 ~ 10K lux
- 清晰、高质量的条形码
- DOF is the distance from the top of scan engine to the barcode
- 23 °C (73 °F), 0 ~ 10K lux
- Clear, high quality barcodes

注意: 若条形码没有正对扫描引擎, 读取时间和景深 (DOF) 会受影响而降低设备性能。

Note: If the barcode is not aligned well with the scan engine, reading time and depth of field (DOF) will be affected and the device performance will be decreased.

	近距离 (in/cm) Short range (in/cm)	远距离 (in/cm) Long range (in/cm)	增量 (in/cm) Increments (in / cm)
5mil code39/128	2.5 (6.3)	4.3 (10.9)	1.8 (4.6)
13mil UPC-A	2.2 (5.5)	10.5 (27.8)	8.3 (22.3)
6.7mil PDF417	2.2 (5.5)	4.6 (11.7)	2.4 (6.2)
20mil QR	1.5 (4.0)	8.7 (22.0)	7.2 (18.0)