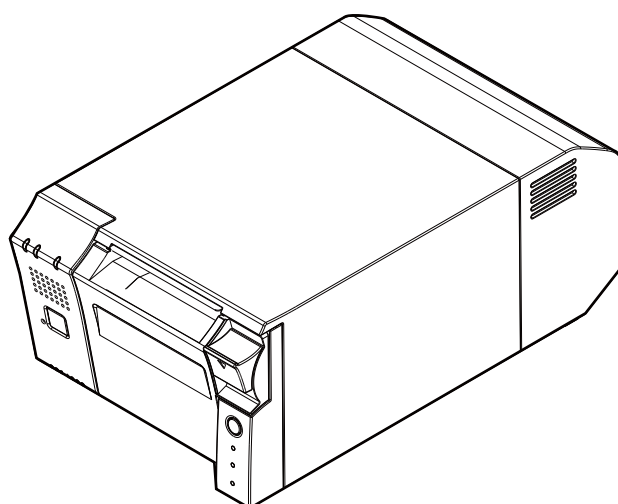


TM-T70II-DT

用户手册

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重要安全信息

本手册提供了确保安全并高效使用本产品的重要信息。请仔细阅读本手册并存放在易于翻阅的地方。

关于利用本产品开发和安装系统的信息，请参照《Technical Reference Guide（技术参考指南）》。您可从附带的 Manual CD 中查看《Technical Reference Guide（技术参考指南）》。

若您的产品上安装有 Windows Embedded POSReady7 或者 Windows Embedded POSReady 2009，请在使用本产品前阅读本手册末尾的“[MICROSOFT SOFTWARE LICENSE TERMS](#)”。若您不接受以上任一条款，请不要使用本产品。

标识的重要性

本手册中的标识均根据其重要等级来确定，如下所示。使用本产品前，请仔细阅读以下内容。



警告：

务必认真遵守警告内容，以避免严重的人身伤害。



注意：

务必遵守注意事项，以避免人员轻伤、设备损坏或数据丢失。



备注：

备注包含了有关产品操作的重要信息以及实用技巧。

安全措施



警告：

- ❑ 若产品产生烟雾、异味或异常噪声，请立即拔下交流电源线，然后联系您的经销商或精工爱普生服务中心，以寻求建议。继续使用可能会导致起火或触电。
- ❑ 务必在规定电压范围内使用本产品。否则可能导致起火或触电。
- ❑ 请确保使用规定的交流适配器【交流适配器，T（型号：M284A）】。连接不正确的电源可能会导致设备损坏、起火或触电。
- ❑ 务必通过手册中规定的方法来连接电缆。不同的连接方式可能会导致设备损坏或起火。
- ❑ 切勿堵塞本产品开口处。这可能会导致产品内部过热和起火。
 - 切勿将产品放置在不通风的狭窄处，比如书架。
 - 切勿将产品放置在地毯上。
 - 切勿使用任何织物遮盖产品。
- ❑ 切勿在空气中可能含有汽油、挥发油、稀释剂的易燃烟雾或其他易燃液体的环境中使用本产品。否则可能会导致爆炸或起火。
- ❑ 切勿在本产品内部或周围使用含有易燃气体的气雾喷雾器。否则可能会导致起火。
- ❑ 若水或其他液体不慎溅到产品上，请立即拔下交流电源线，然后联系您的经销商或精工爱普生服务中心，以寻求建议。继续使用可能会导致起火或触电。
- ❑ 防止异物落入产品内部。异物落入可能会导致起火或触电。

- ❑ 切勿擅自尝试修理本产品。修理不当会带来危险。
- ❑ 切勿拆卸或修改本产品。篡改本产品可能会导致受伤、起火或触电。
- ❑ 切勿试图打开或拆除内部锂电池。这可能会导致烧伤或释放有害化学物质。
- ❑ 避免将内部锂电池放置在高温处，比如靠近火源或加热器，因为这可能会导致过热和燃烧。

注意：

- ❑ 切勿在高湿度或高粉尘的地方使用本产品。湿度过高和粉尘过多可能会导致卡纸及其他故障，比如火灾或触电。
- ❑ 确保本产品安放在牢固、稳定的水平表面上。产品掉落可能会导致破损或人员受伤。
- ❑ 切勿站立在本产品上或将重物置于其上。设备可能会掉落或坍塌，从而导致破损和人员受伤。
- ❑ 确保使用本产品时安装了连接器盖。否则异物可能进入产品内部，导致起火或设备损坏。
- ❑ 当移动本产品时，确保抓住其主体。若仅抓住连接器盖，盖子可能会滑落且主体可能掉落从而导致产品破损或人员受伤。
- ❑ 打印期间以及打印完成后，打印头温度会很高。如需接触打印头，比如清洁，请等待其至冷却。打印头未冷却时接触，可能会导致烧伤。
- ❑ 小心打印机刀片。
- ❑ 确保从本产品接收电源的所有设备的总电源要求不超过本产品的电源供应能力。否则，设备可能会损坏。
- ❑ 直接将户外架空局域网线缆连接至本产品可能会导致闪电损害。如需连接该线缆至本产品，该线缆和产品之间必须具备电涌保护。应避免产品连接至无电涌保护的户外架空局域网线缆。
- ❑ 切勿将电话线连接至本产品的钱箱连接器。电话线或本产品可能会受损。
- ❑ 为安全起见，拔下产品插头，以延长使用寿命。

注意标签

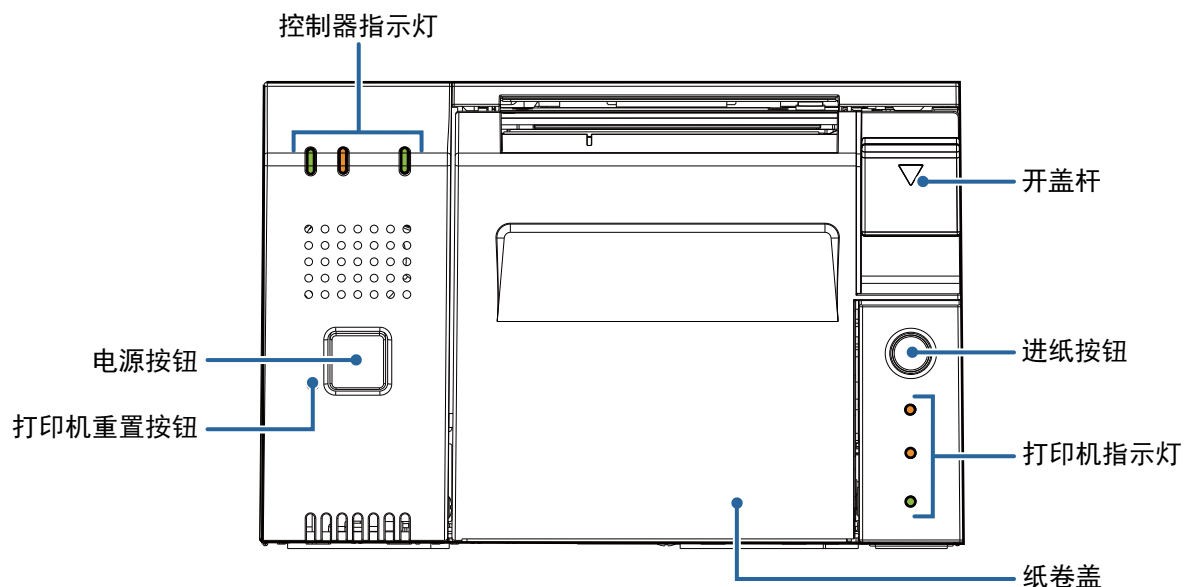
产品上的注意标签表明以下备注事项。

注意：


打印完成后，切勿触摸热敏打印头，因为可能会很烫。

各部件名称及其功能

前部



电源按钮

按下电源按钮以开启或关闭产品。长按按钮可强制关机。（ 第 14 页的“强制终止”）

打印机重置按钮

使用尖物（如，笔）长按该按钮，直至①（电源）指示灯关闭，以重置打印机。

纸卷盖

打开纸卷盖安装 / 更换卷纸。

进纸按钮

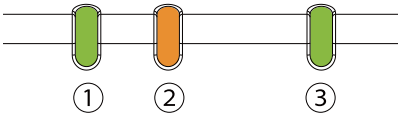
按下该按钮，放入卷纸。

开盖杆

按下开盖杆，打开纸卷盖。

控制器指示灯

表明控制器装置的状态。



指示灯	指示灯状态	含义
① 状态指示灯（绿色）	开启	已通电。
	闪烁（间隔约为 1 秒）	待机。
	关闭	已断电。
② 状态指示灯（橙色）	闪烁（间隔约为 1 秒）	启动 / 关机 / 更新软件。
	闪烁（间隔约为 160 毫秒）	CPU 温度过高。
③ 存储访问指示灯（绿色）	开启	访问存储器。

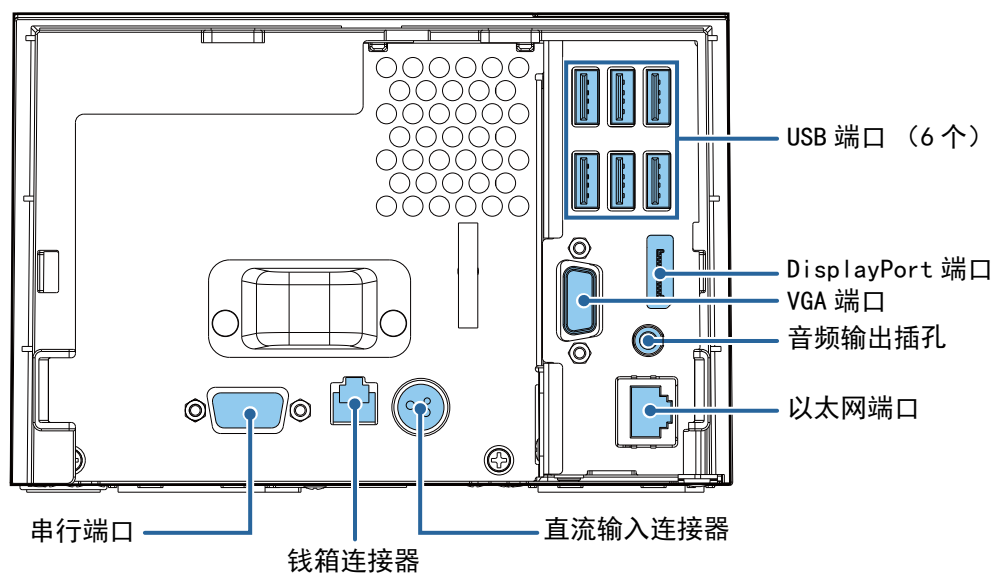
打印机指示灯

表明打印机装置的状态。



指示灯	指示灯状态	含义
① 纸张指示灯（橙色）	开启	卷纸近端。
	闪烁	等待自检测打印继续进行。
	关闭	尚有足量卷纸。
② 错误指示灯（橙色）	开启	离线
	闪烁	出现错误。
	关闭	正常状态。
③ ①（电源）指示灯（绿色）	开启	已通电。
	关闭	已断电。


后部



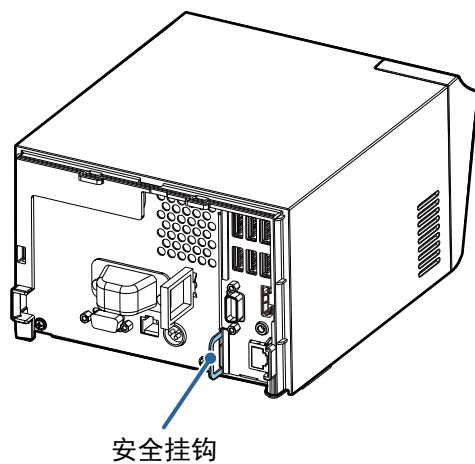
设置


安装产品

将产品水平安装在牢固、稳定的表面。

 **备注：**

❑ 产品后部的安全挂钩允许用户连接市售防盗线。



❑ 作为选购件，可提供用于固定产品（DF-10）的胶带。（ [第 12 页的“固定产品”](#)）

连接交流适配器

请按照以下步骤连接交流适配器。



警告：

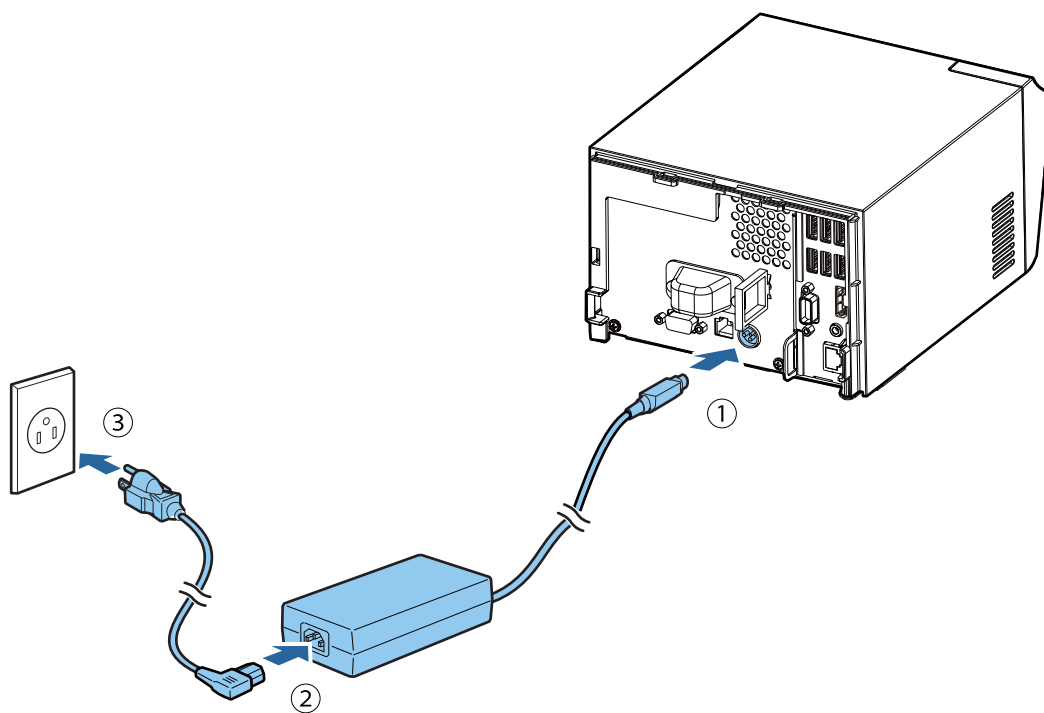
请确保使用规定的交流适配器【交流适配器，T（型号：M284A）】。连接不正确的电源可能会导致设备损坏、起火或触电。



注意：

确保交流适配器和主设备之间留有一定空间。

1. 将交流适配器的直流输入连接器牢牢插入产品上的直流输入连接器中。（如下图①所示）
2. 将交流电源线连接器牢牢插入交流电源适配器上的交流电源入口中。（如下图②所示）
3. 将插头牢牢插入接地壁式插座中。（如下图③所示）
4. 设置交流适配器，以便其标签侧朝下。

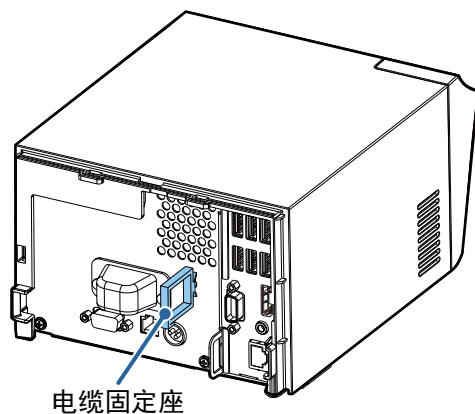


连接外部设备

若连接外部设备，关闭产品，然后连接每根线缆至产品背部的端口 / 连接器。（[第 6 页](#) 的“后部”）

备注：

当连接其连接器不会自锁的线缆时（USB 电缆和音频输出电缆），将电缆穿过其固定座，以防脱落。

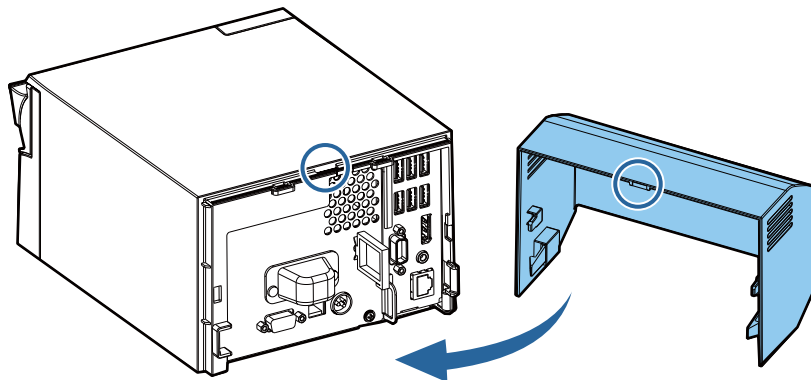


安装 / 移除连接器盖

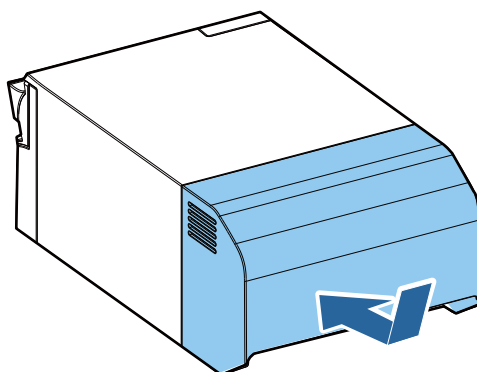
安装连接器盖

按以下步骤安装连接器盖以保护线缆。

1. 将连接器盖上的标签与主体上的凹口对准。



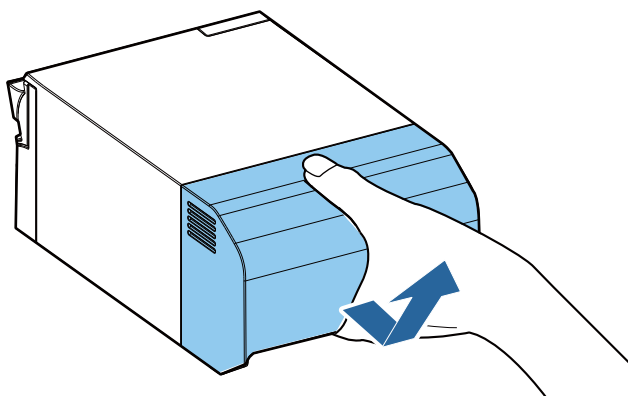
2. 按下连接器盖使其卡入主体。



3. 确保线缆未被挤压。

移除连接器盖

当向下推动连接器盖中心使其脱离主体时，抬起连接器盖下部。



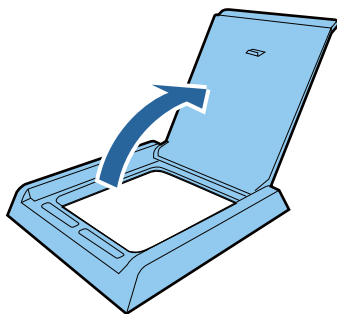
安装电源开关盖

安装产品随附的电源按钮盖至电源按钮上，防止意外操作。按以下步骤安装电源按钮盖。

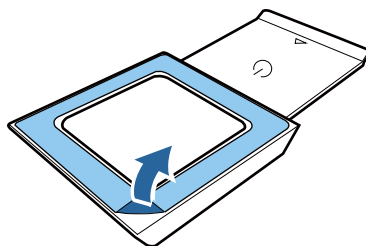
备注：

建议在安装按钮盖之前清洁电源按钮周围的灰尘。

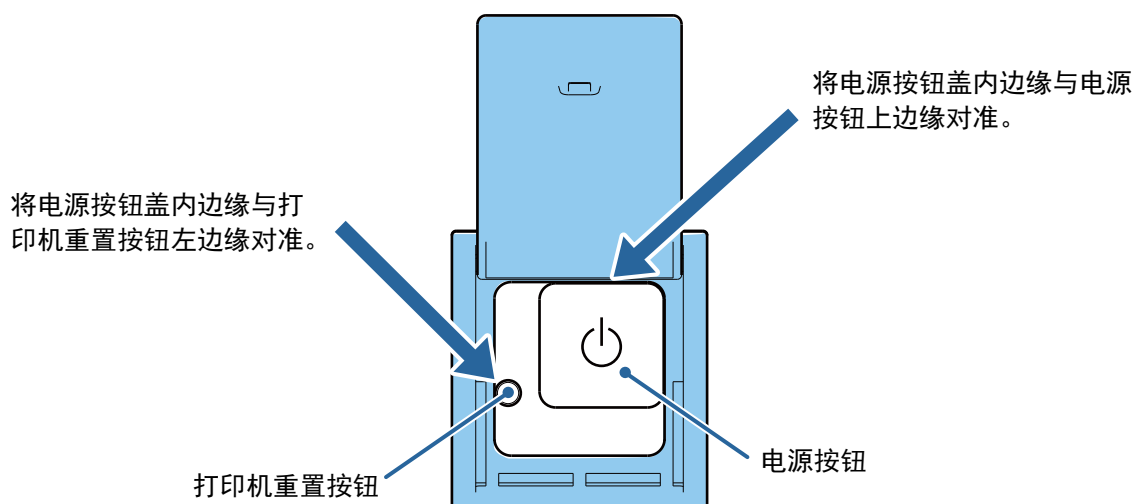
1. 打开电源按钮盖。



2. 剥去背纸。



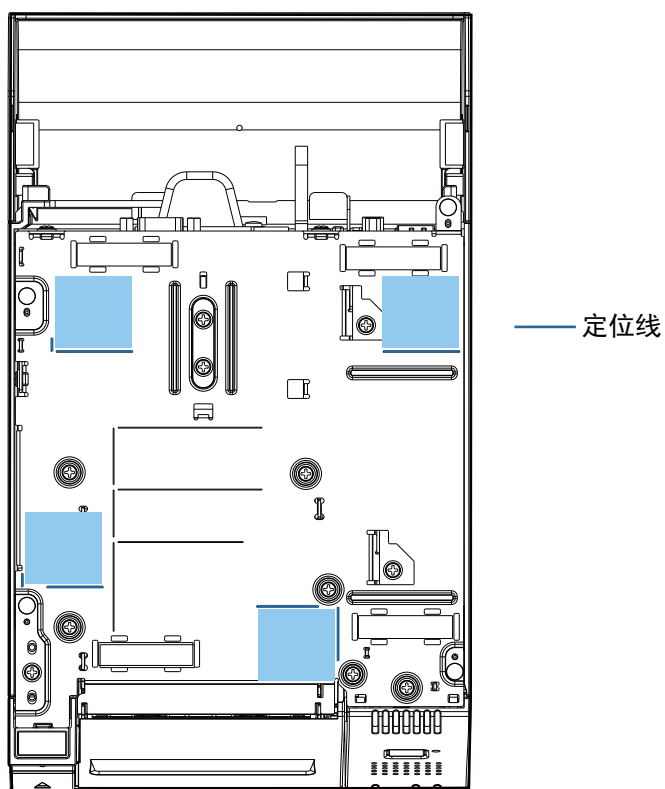
3. 如下图所示安装电源按钮盖。



固定产品

使用选购的粘贴胶带（型号：DF-10）将产品固定在安装表面。按以下步骤使用粘贴胶带。

1. 翻转产品，以便您可看到其底部。
2. 将两片胶带交叉放置，剥去其中一对胶带一边的背纸，并将其粘在产品底部的指定位置上。
3. 同样，将其他三对胶带粘在指定位置上。
4. 剥去粘贴胶带另一侧的背纸，翻转产品至其底部朝上，并将底部牢固粘在安装表面上。



基本操作

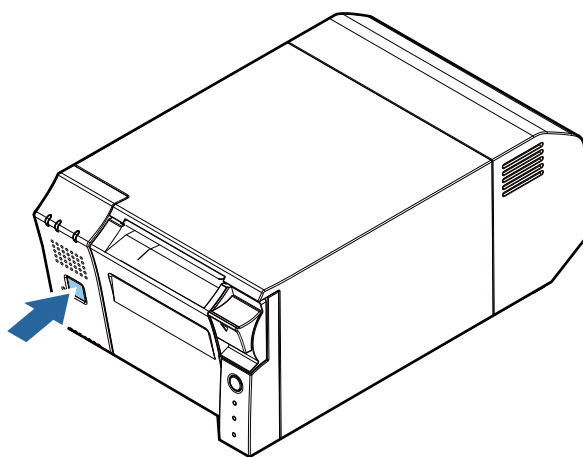
开启 / 关闭电源



注意：

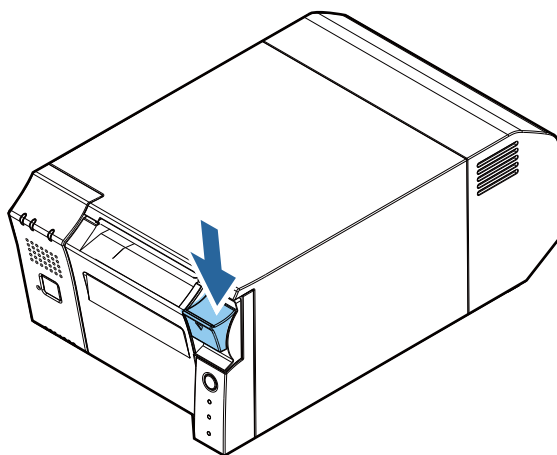
- ❑ 若关闭产品，至少应等待 10 秒钟，然后才可再次开启。
- ❑ 当产品已关闭或处于待机模式，不得长按电源按钮长达 4 秒或以上。

按下电源按钮来打开 / 关闭产品。



打开纸卷盖

按下开盖杆以打开纸卷盖。



控制扬声器音量

可通过计算机的操作系统来控制扬声器音量。

强制终止



注意：

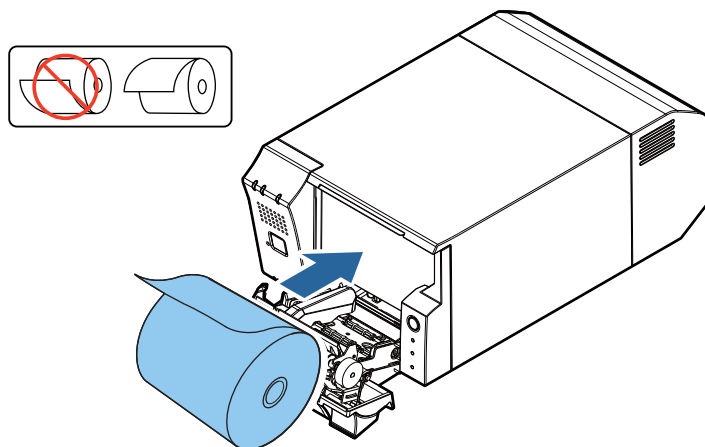
当执行强制终止时，所有未保存的数据将会丢失，可能需要恢复操作系统。

若无法通过应用程序或操作系统来关闭产品，作为最后一种方法，您可按住电源按钮约 4 秒钟来执行强制终止。

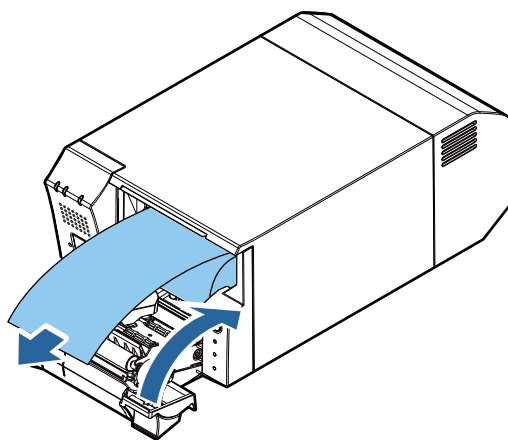
安装 / 更换卷纸

请按照以下步骤安装 / 更换卷纸。

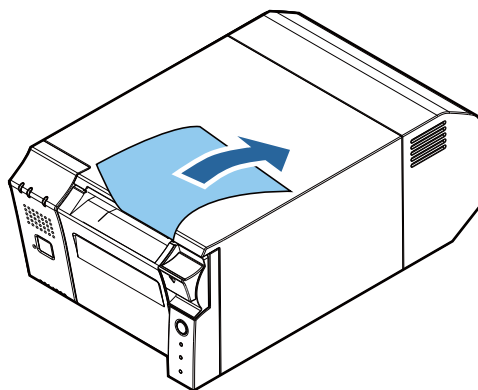
1. 打开纸卷盖。(👉 第 13 页的“打开纸卷盖”)
2. 如果有用完的卷纸芯，请将其取出。
3. 沿着正确的方向插入卷纸。



4. 抽出一些打印纸并关闭纸卷盖。



5. 撕下打印纸。



清洁

清洁产品外壳

确保关闭产品并使用干布或湿布擦除产品外壳的灰尘。对于顽固灰尘，使用温和的中性清洁剂沾湿抹布并进行擦除。



注意：

切勿使用酒精、汽油、稀释剂或其它类似溶剂清洁产品。否则，会损坏或破坏用塑料和橡胶制造的部件。

清洁热敏打印头

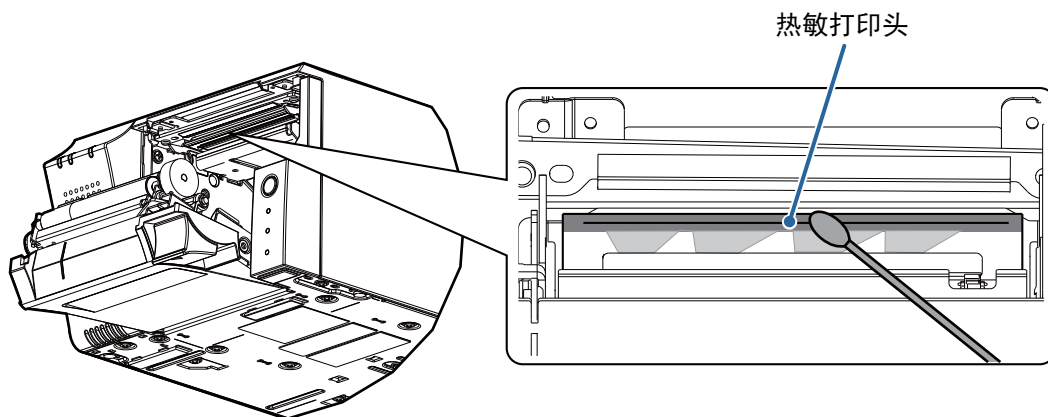
为保持打印质量，精工爱普生建议按照以下步骤定期（一般每 3 个月一次）清洁热敏打印头。



注意：

- ❑ 打印后热敏打印头可能会很烫。请勿立即触摸热敏打印头，应待其冷却后再进行清洁。
- ❑ 请勿用手指或硬物触碰而损坏热敏打印头。

1. 关闭产品电源。（[第 13 页的“开启 / 关闭电源”](#)）
2. 打开纸卷盖。（[第 13 页的“打开纸卷盖”](#)）
3. 用蘸有酒精溶剂（乙醇或 IPA）的棉签，清洁热敏打印头的热敏元件。



故障排除

①（电源）指示灯未亮起

检查交流适配器是否正确连接。（[👉 第 8 页的“连接交流适配器”](#)）

错误指示灯亮起

- ❑ 检查纸卷盖是否正确关闭。
- ❑ 若**纸张**指示灯亮起，检查卷纸是否正确安装以及是否有卷纸残留。（[👉 第 15 页的“安装/更换卷纸”](#)）

错误指示灯闪烁

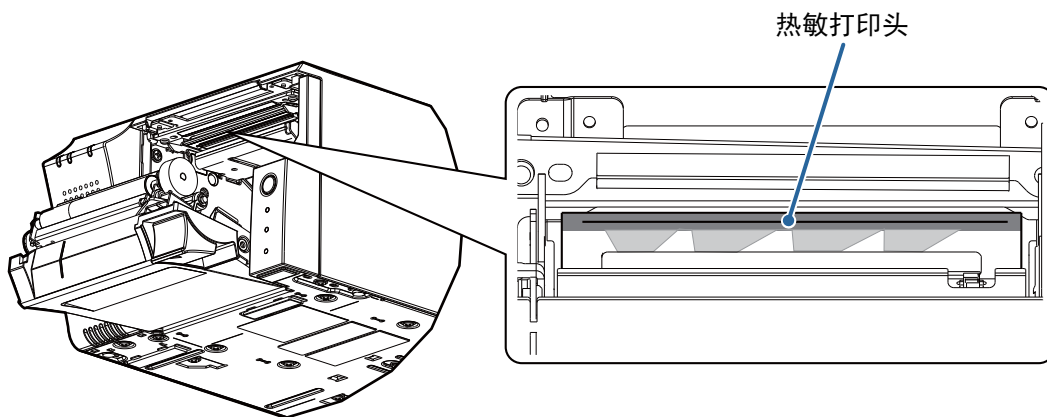
- ❑ 检查是否卡纸。若卡纸，取出卡住的打印纸。（[👉 第 17 页的“卡纸”](#)）
- ❑ 如果热敏打印头过热，打印将会停止，待其冷却后会自动恢复打印。
- ❑ 对于其他情况，请将打印机关闭，10 秒后重启。

卡纸



注意：

打印完成后，切勿触摸热敏打印头，因为可能会很烫。



当卡纸时，切勿强行拉出打印纸。打开纸卷盖（[👉 第 13 页的“打开纸卷盖”](#)），然后取出卡住的打印纸。

规格

项		规格
CPU		Intel® Atom™ D2550 (1 MB 缓存, 1.86 GHz)
主存储器		4 GB DDR3, SO-DIMM 卡槽
备份存储器		SATA SSD* ¹
接口	以太网	10BASE-T/100BASE-TX/1000BASE-T
	USB (6 个)	USB 2.0 电源: DC 5 V, 500 mA (峰值: 1A/100ms)
	串行接口	D-sub 9 针公头
	VGA 接口	D-sub 15 针母头
	DisplayPort 端口	DP1.1 母头 (16.1 mm × 4.76 mm)
	钱箱	RJ12 6 针 电源: DC 24 V, 1 A
	音频输出	φ 3.5 mm 小型插孔
RTC/CMOS 备用电池		RTC 备用锂电池
声音功能		内置单声道扬声器
打印方法		热敏行打印
打印速度		250 mm/s
卷纸	纸宽	79.5 mm ± 0.5 mm
	直径	最大 83 mm
	卷纸芯	内径: 12 mm 外径: 18 mm
软件	操作系统	Windows Embedded POSReady7
	设备控制软件	ePOS-Device
电源		专用交流适配器 (交流电源适配器, T 【型号: M284A】) DC 24 V, 4.2 A
专用交流适配器		交流适配器, T (型号: M284A) 输入: AC 100 V 至 AC 240 V, 50 Hz 至 60 Hz, 2.4 A 输出: DC 24 V, 4.2 A
交流电耗电量	操作 * ²	62.4 W
	待机	14.9 W
	关闭	1.4 W
温度	操作	5° C 至 40° C
	存储	-10° C 至 50° C
湿度	操作	10% 至 90% RH (无冷凝)
	存储	10% 至 90% RH (无冷凝)
整体尺寸 (包括连接器盖)		W×D×H: 172 mm × 290 mm × 114 mm
质量 (不包括卷纸)		大约 2.8 kg

*1: 容量因型号而异。

*2: 在本公司的工作条件下。

附录

使用限制

当本产品用于要求高可靠性、安全性的应用程序（如航空、铁路、海运、汽车等运输设备；防灾设备；各种安全装置等；多功能或精密设备等）时，为了保持系统整体的可靠性与安全性，请在采取故障自动防护设计及冗长设计等措施的基础之上再使用本产品。因为本产品不用于需要极高可靠性 / 安全性的应用，例如航空设备、主要通讯设备、核电控制设备或直接与医疗相关的医学设备，请在进行完全评估之后自行判断是否适用本产品。

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Windows 是 Microsoft Corporation 在美国和 / 或其他国家的注册商标。

EPSON 和 EXCEED YOUR VISION 是精工爱普生株式会社在中国的注册商标。

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- 3) The open source software programs are WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. See the license agreements of each open source software program for more details.
- 4) OpenSSL toolkit
This printer product includes software developed by the OpenSSL project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).
- 5) The list of open source software programs included with this printer product and the whole license agreements of each license can be found in the following URL.
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MICROSOFT SOFTWARE LICENSE TERMS

MICROSOFT SOFTWARE LICENSE TERMS FOR: Windows Embedded POSReady7

These license terms are an agreement between you and SEIKO EPSON CORPORATION. Please read them. They apply to the software included on this device. The software also includes any separate media on which you received the software.

The software on this device includes software licensed from Microsoft Corporation or its affiliate.

The terms also apply to any Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services

for this software, unless other terms accompany those items. If so, those terms apply.

If you obtain updates or supplements directly from Microsoft, then Microsoft, and not SEIKO EPSON CORPORATION, licenses those to you.

As described below, using the software also operates as your consent to the transmission of certain computer information for Internet-based services.

By using the software, you accept these terms. If you do not accept them, do not use the software. Instead, contact SEIKO EPSON CORPORATION to determine its return policy for a refund or credit.

If you comply with these license terms, you have the rights below.

1. USE RIGHTS

Use. The software license is permanently assigned to the device (physical hardware system) with which you acquired the software. You may only use the software on that device.

2. ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS

a. Specific Use. You may use the software with a point of service "POS" application.

A POS System means an Embedded System that performs functions substantially similar to that of a point of sale, kiosk (informational or transactional), digital signage, or similar types of devices; and is designed for use solely with a POS Application.

A POS application is a software application which provides any of the following functions;

- process sales and service transactions
- scan and track inventory
- record or transmit customer information
- perform related management functions
- provide information directly and indirectly to customers about available products and services

b. Other Software. You may use other programs with the software as long as the other programs

- directly supports the manufacturer's specific use for the device, or
- provide system utilities, resource management, or anti-virus or similar protection.
- Software that provides consumer or business tasks or processes may not be run on the device. This includes email, word processing, spreadsheet, database, scheduling and personal finance software. The device may use terminal services protocols to access such software running on a server.

c. Storage/Network Use. You may also store or install one (1) copy of the software on a storage device, such as network server, used only to install or run the software on your other POS Systems over an internal network; however, you must acquire and dedicate an additional license for each separate POS System on or from which the software is installed, used, accessed, displayed or run. Except as otherwise permitted by Remote Assistance features described above, a license for the software may not be shared or used concurrently on different POS Systems.

d. Device Connections. You may use terminal services protocols to connect the device to a server running business task or processes software such as email, word processing, scheduling or spreadsheets.

You may permit a maximum of twenty (20) computers or other electronic devices (each a "Device") to connect via Server Message Bloc (SMB) to the POS System to utilize one or more of the following services of the software: File Services, Print Services, Internet Information Services, Internet Connection Sharing and telephony services. The twenty connection maximum includes any indirect connections made through "multiplexing" or other software or hardware which pools or aggregates connections. Unlimited inbound connections are allowed via TCP/IP (Transmission Control Protocol ("TCP") and the Internet Protocol ("IP").

e. Remote Desktop/Remote Assistance. The software may contain Remote Assistance and Remote Desktop technologies that enable the software or other applications installed on the POS System to be used remotely between two or more computing devices, even if the software or application is installed on only one POS System. You may use Remote Assistance and Remote Desktop with all Microsoft products; provided however, use of these technologies with certain Microsoft products may require an additional license. For both

Microsoft products and non-Microsoft products you should consult the license agreement accompanying the applicable product or contact the applicable licensor to determine whether use of Remote Assistance or Remote Desktop is permitted without an additional license.

- f. **Font Components.** While the software is running, you may use its fonts to display and print content. You may only
 - embed fonts in content as permitted by the embedding restrictions in the fonts; and
 - temporarily download them to a printer or other output device to print content.
- g. **Icons, images and sounds.** While the software is running, you may use but not share its icons, images, sounds, and media.
- h. **VHD BOOT.** Additional copies of the software created using the software's Virtual Hard Disk functionality ("VHD Image") may be pre-installed on the physical hard disk of the device. These VHD Images may only be used for maintaining or updating the software installed on the physical hard disk or drive. If the VHD Image is the only software on your device, it may be used as the primary operating system but all other copies of the VHD Image may only be used for maintenance and updating.
- i. **Multiplexing.** Hardware or software you use to
 - pool connections,
 - reroute information, or
 - reduce the number of devices or users that directly access or use the software (sometimes referred to as "multiplexing" or "pooling"), does not reduce the number of licenses of any type that you need.

3. INTERNET-BASED SERVICES. Microsoft provides Internet-based services with the software. It may change or cancel them at any time.

- a. **Consent for Internet-Based Services.** The software features described below connect to Microsoft or service provider computer systems over the Internet. In some cases, you will not receive a separate notice when they connect. You may switch off these features or not use them. For more information about these features, see <http://windows.microsoft.com/en-US/windows7/windows-7-privacy-statement-highlights>. **By using these features, you consent to the transmission of this information.** Microsoft does not use the information to identify or contact you.

Computer Information. The following features use Internet protocols, which send to the appropriate systems computer information, such as your Internet protocol address, the type of operating system, browser and name and version of the software you are using, and the language code of the device where you installed the software. Microsoft uses this information to make the Internet-based services available to you.

- Auto Root Update. The Auto Root Update feature updates the list of trusted certificate authorities. You can switch off the Auto Root Update feature.
- Digital Certificates. The software uses digital certificates. These digital certificates confirm the identity of Internet users sending X.509 standard encrypted information. They also can be used to digitally sign files and macros to verify the integrity and origin of the file contents. The software retrieves certificates and updates certificate revocation lists using the Internet, when available.
- IPv6 Network Address Translation (NAT) Traversal service (Teredo). This feature helps existing home Internet gateway devices transition to IPv6. IPv6 is next generation Internet protocol. It helps enable end-to-end connectivity often needed by peer-to-peer applications. To do so, each time you start up the software the Teredo client service will attempt to locate a public Teredo Internet service. It does so by sending a query over the Internet. This query only transfers standard Domain Name Service information to determine if your computer is connected to the Internet and can locate a public Teredo service. If you
 - use an application that needs IPv6 connectivity or
 - configure your firewall to always enable IPv6 connectivity
 by default standard Internet Protocol information will be sent to the Teredo service at Microsoft at regular intervals. No other information is sent to Microsoft. You can change this default to use non-Microsoft servers. You can also switch off this feature using a command line utility named "netsh."
- Information Rights Management. The software contains a feature that allows you to create content that cannot be printed, copied or sent to others without your permission. You may need to connect to Microsoft to use this feature for the first time. Once a year, you may need to re-connect to Microsoft to update it. For more information, go to www.office.microsoft.com/en-us/assistance/HA010397891033.aspx. You may choose not to use this feature.
- Windows Media Digital Rights Management. Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This software and third party software use WMDRM to play and copy WMDRM-protected content. If the software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect other content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. Microsoft software that includes WMDRM will ask for your consent prior to the upgrade. If you decline an upgrade, you will not be able to access content that requires the upgrade. You may switch off WMDRM features that access the Internet. When these features are off, you can still play content for which you have a valid license.

- **Windows Media Player.** When you use Windows Media Player, it checks with Microsoft for
 - compatible online music services in your region;
 - new versions of the player; and
 - codecs if your computer does not have the correct ones for playing content.

You can switch off this last feature. For more information, go to go.microsoft.com/fwlink/?LinkId=51331.

- **Windows (or Microsoft) Update Feature. Windows Update Feature.** This is an optional feature that you can enable by selecting the "Opt In" dialogue box. Once enabled, this feature automatically connects to Microsoft or service provider computer systems over the internet to provide updates from Microsoft to your software and Runtime. In some cases, you will not receive a separate notice when they connect. Standard information about your computer is sent each time the feature connects. Standard computer information may include your Internet Protocol address, the type of operating system, browser and name and version of the software you are using and the language code of the device where you installed the software. Microsoft uses this information to make the Internet based service available to you. You may switch off this feature or not use it. **By using this feature, you consent to the transmission of this information.** Microsoft does not use the information to identify or contact you.

- 4. BENCHMARK TESTING.** You must obtain Microsoft's prior written approval to disclose to a third party the results of any benchmark test of the software. However, this does not apply to the Microsoft .NET Framework (see below).
- 5. MICROSOFT .NET FRAMEWORK BENCHMARK TESTING.** The software includes one or more components of the .NET Framework (".NET Components"). You may conduct internal benchmark testing of those components. You may disclose the results of any benchmark test of those components, provided that you comply with the conditions set forth at go.microsoft.com/fwlink/?LinkId=66406. Notwithstanding any other agreement you may have with Microsoft, if you disclose such benchmark test results, Microsoft shall have the right to disclose the results of benchmark tests it conducts of your products that compete with the applicable .NET Component, provided it complies with the same conditions set forth at go.microsoft.com/fwlink/?LinkId=66406.
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 - work around any technical limitations in the software;
 - reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;
 - make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation;
 - publish the software for others to copy;
 - rent, lease or lend the software; or
 - use the software for commercial software hosting services.
- 7. BACKUP COPY.** You may make one backup copy of the software. You may use it only to reinstall the software.
- 8. DOCUMENTATION.** Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.
- 9. NOTICE ABOUT THE H.264/AVC VISUAL STANDARD, THE VC-1 VIDEO STANDARD, THE MPEG-4 VISUAL STANDARD AND THE MPEG-2 VIDEO STANDARD.** This software includes H.264/AVC, VC-1, MPEG-4 Part 2, and MPEG-2 visual compression technology. MPEG LA, L.L.C. requires this notice:
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- 10. PRODUCT SUPPORT.** Contact SEIKO EPSON CORPORATION for support options. Refer to the support number provided with the device.
- 11. PROOF OF LICENSE.** If you acquired the software on the device, or on a disc or other media, a genuine Certificate of Authenticity label with a genuine copy of the software identifies licensed software. To be valid, this label must be affixed to the device, or included on or in SEIKO EPSON CORPORATION's software packaging. If you receive the label separately, it is not valid. You should keep the label on the device or packaging to prove that you are licensed to use the software. To identify genuine Microsoft software, see <http://www.howtotell.com>.
- 12. TRANSFER TO A THIRD PARTY.** You may transfer the software only with the device, the Certificate of Authenticity label, and these license terms directly to a third party. Before the transfer, that party must agree that these license terms apply to the transfer and use of the software. You may not retain any copies of the software including the backup copy.

- 13. NOT FAULT TOLERANT.** The software is not fault tolerant. SEIKO EPSON CORPORATION installed the software on the device and is responsible for how it operates on the device.
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- 15. LIABILITY LIMITATIONS.** You can recover from Microsoft and its affiliates only direct damages up to two hundred fifty U.S. Dollars (U.S. \$250.00). You cannot recover any other damages, including consequential, lost profits, special, indirect or incidental damages.
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 - claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.
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- 16. EXPORT RESTRICTIONS.** The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see www.microsoft.com/exporting.
- 17. ENTIRE AGREEMENT.** This agreement, additional terms (including any printed-paper license terms that accompany the software and may modify or replace some or all of these terms), and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.
- 18. APPLICABLE LAW**
- a. United States.** If you acquired the software in the United States, Washington state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.
 - b. Outside the United States.** If you acquired the software in any other country, the laws of that country apply.

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The software on this device includes software licensed from Microsoft Corporation or its affiliate.

The terms also apply to any Microsoft

- Updates,
- Supplements,
- Internet-based services, and
- Support services

for this software, unless other terms accompany those items. If so, those terms apply. If you obtain updates or supplements directly from Microsoft, then Microsoft, and not SEIKO EPSON CORPORATION, licenses those to you.

As described below, using some features also operates as your consent to the transmission of certain standard computer information for Internet-based services.

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If you comply with these license terms, you have the rights below.

1. Use Rights

You may use the software on the device with which you acquired the software.

2. Additional Licensing Requirements and/or Use Rights

- a. Specific Use. SEIKO EPSON CORPORATION designed this device for a Point Of Sale Application. You may only use the software for that use.

“POS Application” means a software application which provides only the following functions to:

- i. process sales and service transactions, scan and track inventory, record and/or transmit customer information, and perform related management functions; and/or
- ii. provide information directly and indirectly to customers about products and services available.

- b. Other Software. You may use other programs with the software as long as the other programs

- i. directly support the manufacturer’s specific use for the device, or
- ii. provide system utilities, resource management, or anti-virus or similar protection.

Software that provides consumer or business tasks or processes may not be run on the device. This includes email, word processing, spreadsheet, database, networking/internet browsing, scheduling and personal finance software. The device may use terminal services protocols to access such software running on a server.

- c. WIN PE Component. You may use the Microsoft® Windows® Pre-installation Environment component (“WinPE Component”) only for your internal use and solely for purposes of installing the Software on point of service device. During installation you may use the WinPE component and the set-up components included in the Software to modify the Software to do the following:

- i. install device drivers for known device classes that are not supported by the WinPE Component and/or the set-up components included in the Software; and
- ii. add unattended.xml and/or driverinstall.xml files to the setup folder of the Software and the files referred to in unattended.xml and/or driverinstall.xml files to enable unattended mode set up of the Software.

- d. Device Connections

- i. You may use terminal services protocols to connect the device to another device running business task or processes software such as email, word processing, scheduling or spreadsheets.
- ii. You may allow up to 10 other devices to access the software to use
 - File Services,
 - Print Services,
 - Internet Information Services, and
 - Remote access (including connection sharing).

The 10 connection limit applies to devices that access the software indirectly through “multiplexing” or other software or hardware that pools connections. You may use unlimited inbound connections at any time via TCP/IP.

- e. FBReseal

- i. This Product includes tools known as FBReseal.
- ii. Enterprise Customers are permitted to use FBReseal on the Image provided by SEIKO EPSON CORPORATION or on the Embedded Application and to replicate the Image to match the number of runtime licenses purchased by that Enterprise Customer. The Image created by FBReseal may only be installed onto Embedded Systems that already bear the COA for that Licensed Product.

- 3. Scope of License.** The software is licensed, not sold. This agreement only gives you some rights to use the software. SEIKO EPSON CORPORATION and Microsoft reserve all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that allow you to use it only in certain ways. For more information, see the software documentation or contact SEIKO EPSON CORPORATION. Except and only to the extent permitted by applicable law despite these limitations, you may not:

- Work around any technical limitations in the software;
- Reverse engineer, decompile or disassemble the software;
- Make more copies of the software than specified in this agreement;
- Publish the software for others to copy;
- Rent, lease or lend the software; or
- Use the software for commercial software hosting services.

Except as expressly provided in this agreement, rights to access the software on this device do not give you any right to implement Microsoft patents or other Microsoft intellectual property in software or devices that access this device.

You may use remote access technologies in the software such as Remote Desktop to access the software remotely from another device. You are responsible for obtaining any licenses required for use of these protocols to access other software.

- a. **Remote Boot Feature.** If SEIKO EPSON CORPORATION enabled the device Remote Boot feature of the software, you may
- use the Remote Boot Installation Service (RBIS) tool only to install one copy of the software on your server and to deploy the software on licensed devices as part of the Remote Boot process; and
 - use the Remote Boot Installation Service only for deployment of the software to devices as part of the Remote Boot process; and
 - download the software to licensed devices and use it on them.

For more information, please refer to the device documentation or contact SEIKO EPSON CORPORATION.

- b. **Internet-Based Services.** Microsoft provides Internet-based services with the software. Microsoft may change or cancel them at any time.

- i. **Consent for Internet-Based Services.** The software features described below connect to Microsoft or service provider computer systems over the Internet. In some cases, you will not receive a separate notice when they connect. You may switch off these features or not use them. For more information about these features, visit

<http://www.microsoft.com/windowsxp/downloads/updates/sp2/docs/privacy.mspx>.

By using these features, you consent to the transmission of this information. Microsoft does not use the information to identify or contact you.

- ii. **Computer Information.** The following features use Internet protocols, which send to the appropriate systems computer information, such as your Internet protocol address, the type of operating system, browser and name and version of the software you are using, and the language code of the device where you installed the software. Microsoft uses this information to make the Internet-based services available to you.

- (1) **Windows Update Feature.** You may connect new hardware to the device where you installed the software. Your device may not have the drivers needed to communicate with that hardware. If so, the update feature of the software can obtain the correct driver from Microsoft and install it on your device. You can switch off this update feature.
- (2) **Web Content Features.** Features in the software can retrieve related content from Microsoft and provide it to you. To provide the content, these features send to Microsoft the type of operating system, name and version of the software you are using, type of browser and language code of the device where the software was installed. Examples of these features are clip art, templates, online training, online assistance and Appshelp. These features only operate when you activate them. You may choose to switch them off or not use them.
- (3) **Digital Certificates.** The software uses digital certificates. These digital certificates confirm the identity of Internet users sending X.509 standard encrypted information. The software retrieves certificates and updates certificate revocation lists. These security features operate only when you use the Internet.
- (4) **Auto Root Update.** The Auto Root Update feature updates the list of trusted certificate authorities. You can switch off the Auto Root Update feature.
- (5) **Windows Media Player.** When you use Windows Media Player, it checks with Microsoft for
 - compatible online music services in your region;
 - new versions of the player; and
 - codecs if your device does not have the correct ones for playing content.

You can switch off this feature. For more information, go to <http://microsoft.com/windows/windowsmedia/mp10/privacy.aspx>.

- (6) **Windows Media Digital Rights Management.** Content owners use Windows Media digital rights management technology (WMDRM) to protect their intellectual property, including copyrights. This software and third party software use WMDRM to play and copy WMDRM-protected content. If the software fails to protect the content, content owners may ask Microsoft to revoke the software's ability to use WMDRM to play or copy protected content. Revocation does not affect other content. When you download licenses for protected content, you agree that Microsoft may include a revocation list with the licenses. Content owners may require you to upgrade WMDRM to access their content. Microsoft software that includes WMDRM will ask for your consent prior to the upgrade. If you decline an upgrade, you will not be able to access content that requires the upgrade. You may switch off WMDRM features that access the Internet. When these features are off, you can still play content for which you have a valid license.
- iii. **Misuse of Internet-based Services.** You may not use these services in any way that could harm them or impair anyone else's use of them. You may not use the services to try to gain unauthorized access to any service, data, account or network by any means.
4. **Windows Update Agent (also known as Software Update Services).** The software on the device includes Windows Update Agent ("WUA") functionality that may enable your device to connect to and access updates ("Windows Updates") from a server installed with the required server component. Without limiting any other disclaimer in this Microsoft Software License Terms or any EULA accompanying a Windows Update, you acknowledge and agree that no warranty is provided by MS, Microsoft Corporation or their affiliates with respect to any Windows Update that you install or attempt to install on your device.
5. **Product Support.** Contact SEIKO EPSON CORPORATION for support options. Refer to the support number provided with the device.
6. **Backup Copy.** You may make one backup copy of the software. You may use it only to reinstall the software on the device.
7. **Proof of License.** If you acquired the software on the device, or on a disc or other media, a genuine Certificate of Authenticity label with a genuine copy of the software identifies licensed software. To be valid, this label must be affixed to the device, or included on or in SEIKO EPSON CORPORATION's software packaging. If you receive the label separately, it is not valid. You should keep the label on the device or packaging to prove that you are licensed to use the software. To identify genuine Microsoft software, see <http://www.howtotell.com>.
8. **Transfer to a Third Party**
You may transfer the software only with the device, the Certificate of Authenticity label, and these license terms directly to a third party. Before the transfer, that party must agree that these license terms apply to the transfer and use of the software. You may not retain any copies of the software including the backup copy.
9. **Not Fault Tolerant. The software is not fault tolerant. SEIKO EPSON CORPORATION installed the software on the device and is responsible for how it operates on the device.**
10. **Restricted Use**
The Microsoft software was designed for systems that do not require fail-safe performance. You may not use the Microsoft software in any device or system in which a malfunction of the software would result in foreseeable risk of injury or death to any person. This includes operation of nuclear facilities, aircraft navigation or communication systems and air traffic control.
11. **No Warranties for the Software**
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