EPSON®
EXCEED YOUR VISION

SC-F9430H
SC-F9430

一般資訊

版權說明和註冊商標

未經 Seiko Epson Corporation 事先書面許可，禁止將本出版物的任何部分重製、儲存於檢索系統或以任何形式或方法傳送，不論係以電子、機械、複印、錄製或其他方式。本手冊內含的資訊僅設計供 Epson 印表機之用。Epson 對於任何將此資訊應用於其他印表機的作法概不負責。

若本產品購買者或第三方因意外使用、誤用、濫用、未經授權進行改裝、修理或變更本產品，或 (美國除外) 未嚴格遵照 Seiko Epson Corporation 之操作和維修指示，而造成損壞、損失、成本支出或開支，Seiko Epson Corporation 或其關係企業均無須承擔任何責任。

如因使用 Seiko Epson Corporation 指定之 Epson 原廠產品或 Epson 認可產品以外的任何選購品或耗材，而發生任何損壞或問題，本公司無須負責。

對於使用任何非 Epson 認可產品之專用界面連接線所導致之任何電磁干擾損害，Seiko Epson Corporation 不承擔任何責任。

EPSON 和 EPSON EXCEED YOUR VISION 或 EXCEED YOUR VISION 及其標誌為 Seiko Epson Corporation 的註冊商標或商標。

Microsoft® and Windows® are registered trademarks of Microsoft Corporation.

Apple, Mac, and OS X are registered trademarks of Apple Inc.

Adobe, Acrobat, and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

Bemcot™ is a trademark of Asahi Kasei Corporation.

YouTube® and the YouTube logo are registered trademarks or trademarks of YouTube, LLC.

Firefox is a trademark of the Mozilla Foundation in the U.S. and other countries.

一般聲明：本手冊所用之其他產品名稱，僅作為識別之用，這些名稱均為其各自擁有者的商標，Epson 不承擔這些商標的任何與全部權利。

目錄

手冊注意事項

符號的意義

⚠ 警告：	請務必遵守以免身體嚴重受傷。
⚠ 注意：	請務必遵守以免招致重傷。
❗ 重要資訊：	請務必遵守以免損壞本產品。
附註：	含操作產品的實用或額外資訊。
☞	指示相關的參考內容。

圖例

圖例可能與您使用的機型略微不同。使用手冊時，請注意這一點。

手冊編排

產品手冊的編排如下所示。

您可以使用 Adobe Acrobat Reader 或 Preview (Mac) 檢視 PDF 手冊。

安裝說明 (手冊)	提供從包裝箱中取出印表機後如何安裝印表機的資訊。務必閱讀本手冊，以進行安全操作。
操作說明 (PDF)	本手冊說明每天使用的必要基本操作和維護。
一般資訊 (本手冊)	本手冊提供產品的規格和聯絡詳細資訊。
線上手冊	

進階使用說明 (PDF)	本手冊說明如何使用印表機。
疑難排解及提示	本手冊提供使用印表機的常見問題及提示。
Epson Video Manuals	這些視訊顯示如何裝入材料和執行維護。
網路使用說明 (PDF)	本手冊提供透過網路使用印表機的資訊。

開啓和檢視手冊

開啓手冊

1　請參閱「安裝說明」，並且從提供的軟體光碟或 Setup Navi 執行軟體安裝。

　　安裝完成時，會在使用的電腦桌面上建立 [EPSON 說明文件] 圖示。

2　按兩下桌面上的 [EPSON 說明文件] 圖示。

3　選取要檢視的手冊。

　　選取線上手冊時，網頁瀏覽器將開啓，顯示 [線上手冊] 的最上頁。

　　按一下要檢視的手冊或項目。

　　您可以在能夠連線到網際網路的環境中檢視線上手冊。

檢視視訊手冊

視訊手冊已上傳到 YouTube。

按一下線上手冊最上頁的 [Epson Video Manuals (video)]，或按一下下列藍色文字檢視手冊。

Epson Video Manuals

手冊注意事項

若播放視訊時未顯示字幕，請按一下以下影像中顯示的字幕圖示。
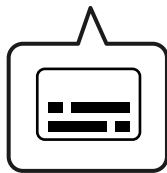
檢視 PDF 手冊

本節使用 Adobe Acrobat Reader DC 作為範例，說明在 Adobe Acrobat Reader 中檢視 PDF 的基本操作。
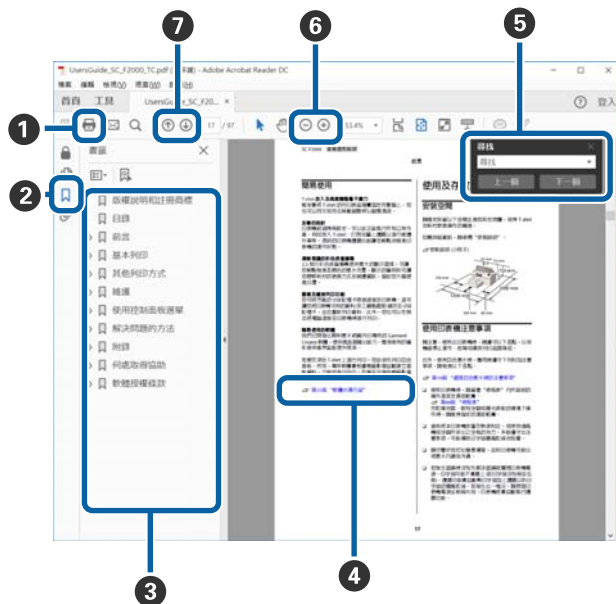
❶ 按一下以列印 PDF 手冊。

❷ 按一下以隱藏或顯示書籤。

❸ 按一下標題以開啓相關頁面。

　按一下 [+] 以開啓階層下的標題。

❹ 若參考資料以藍色文字顯示，按一下藍色文字以開啓相關頁面。

　若要返回原始頁面，請執行以下程序。

Windows

先按住 Alt 鍵，再按下 ← 鍵。

Mac

先按住 command 鍵，再按下 ← 鍵。

❺ 您可以輸入並搜尋關鍵字，例如想要確認的項目名稱。

Windows

以滑鼠右鍵按一下 PDF 手冊中的頁面，然後在顯示的功能表中選取[**尋找**]以開啓搜尋工具列。

Mac

在[**編輯**]功能表中選取[**尋找**]以開啓搜尋工具列。

❻ 若覺得顯示的文字太小看不清楚而想將其放大，請按一下 ⊕ 。按一下 ⊖ 縮小頁面大小。若要指定放大圖例或螢幕擷取畫面的一部分，請執行以下程序。

Windows

以滑鼠右鍵按一下 PDF 手冊中的頁面，然後在顯示的功能表中選取[**選框放大**]。指標會變更為放大鏡，請使用此放大鏡指定您想放大的範圍。

Mac

依序按下[**檢視**]功能表 - [**縮放**] - [**選框放大**]，將指標變更為放大鏡。將指標當作放大鏡，指定您想放大的範圍。

❼ 開啓上一頁或下一頁。

重要的安全說明

重要的安全說明

在使用印表機前請詳閱各項操作說明。另外,請務必遵守印表機上所標示的各項警告及說明。

產品上的符號

本 Epson 產品上的符號可用來確保產品的安全和正確使用,並避免對於客戶和其他人造成危險和財產損失。

符號表示下列意義。務必先完全瞭解本產品的符號意義再使用。

⏻ 待機　　　　　　　　　∿ 交流電　　　　　　　　⚠ 注意/表面高溫

⚠ 小心,觸電危險

發生問題或移動印表機時,或是安裝選購配件前,請拔除所有電源線,完全關閉電源。

安裝注意事項

⚠ 警告
請勿擋住印表機的通風口。
若擋住通風口,內部溫度可能升高而起火。請勿用布蓋住印表機或安裝於通風不良的地點。確定安裝的空間確實如手冊所述一樣充足。 ⌲ 安裝說明
請勿在兒童可能靠近的地方裝設或使用本產品。
兒童可能因設備而受傷。

⚠ 注意
請勿在不平穩的地點或其他設備會造成震動的地點安裝或放置印表機。
印表機可能掉落或翻倒而造成傷害。
請勿在有油煙和灰塵的地點或有溼氣或容易潮溼的地點安裝印表機。
可能造成觸電或起火。
移動時,請勿讓本產品向前、向後、向左或向右傾斜超過 10 度。
未能遵守此注意事項,可能導致印表機傾倒而造成意外。

重要的安全說明

⚠ 注意
印表機重量較重，不可由一個人搬動。
需要 8 個人才能從包裝箱中取出印表機或搬運印表機。如需印表機重量的詳細資訊，請參考下列單元。 ⚐ 第14頁 "規格表"
抬起印表機時，確定抓握手冊所示的位置抬起。
若抓握其他零件抬起，印表機可能掉落，勾住手指而造成受傷。如需抬起印表機的詳細資訊，請參考下列單元。 ⚐ 安裝說明
務必採取正確的姿勢抬起印表機。
採取錯誤的姿勢抬起印表機會造成傷害。
組裝印表機前，確定取出包裝紙、包裝材料和安裝區域隨附的物品。
若滑倒或踩到這些物品，會造成傷害。
將印表機放置在有腳輪 (滾輪) 的腳架上時，務必先固定腳輪再進行作業，以免腳架移動。
若腳架在您進行作業時移動，會造成傷害。
腳輪 (滾輪) 和調整器均固定時，請勿嘗試移動腳架。
未能遵守此注意事項，可能導致印表機傾倒而造成意外。
移動安裝在腳架上的印表機時，避免有台階的地點或不平整的地面。
未能遵守此注意事項，可能導致印表機傾倒而造成意外。

使用注意事項

⚠ 警告
請勿在有酒精或稀釋劑等揮發性物質或有明火的地點使用印表機。
可能造成觸電或起火。
若發現冒煙或任何異味或雜音，請勿使用印表機。
可能造成觸電或起火。若發生任何異常，請立即關閉電源並拔除電源線，然後聯絡經銷商或 Epson 授權服務中心。
切勿嘗試自行修理印表機，這相當危險。
請勿在可能有易燃氣體或易爆氣體的環境使用印表機。請勿在印表機的內部或周圍使用具有易燃氣體的噴霧劑。
可能造成起火。
務必按照手冊所示進行佈線。
可能造成起火。這也會造成連接的裝置受損。
請勿使任何金屬或易燃物品插入或掉入印表機的開口。
可能造成觸電或起火。

重要的安全說明

⚠ 警告
除非手冊另有指示，否則請勿觸碰印表機內部的任何區域。
可能造成觸電或燒傷。
除非手冊另有指示，否則請勿拆解任何零件。
若控制面板的 LCD 損壞，務必注意任何流出的液晶。
請在下列情況下進行急救。 ❏　若液體附著於皮膚表面，請立即擦乾淨，然後用大量肥皂水沖洗。 ❏　若眼睛沾到任何液體，請用清水沖洗至少 15 分鐘，並立即就醫。 ❏　若誤飲液體，請用水漱口，並喝下大量的水進行催吐，然後立即就醫。
若異物或水之類的液體落入印表機，請立即停止使用。
可能造成觸電或起火。請立即關閉電源並拔除電源線，然後聯絡經銷商或 Epson 授權服務中心。

⚠ 注意
請勿坐在印表機上或將任何重物放置在印表機上。
印表機可能翻倒或破損而造成傷害。
搬運或存放印表機時，務必保持平放：請勿傾斜或顛倒存放。
墨水可能流出。
打開或闔上前蓋時，小心不要夾傷手或手指。
未能遵守此注意事項，可能導致受傷。
連接纜線或選購配件時，請確定朝正確的方向安裝，並確實按照程序進行。
可能造成起火或傷害。按照手冊中的指示正確安裝印表機。
移動印表機時，確定已關閉電源，已拔除插座上的電源線，而且已拔除所有連接纜線。
若纜線損壞，可能造成觸電或起火。
請參閱手冊，確定自動收紙單元的材料和捲筒紙軸均確實固定。
材料或收紙捲筒掉落，可能造成受傷。
取出材料或收紙捲筒時，請依照手冊的指示操作。
材料或收紙捲筒掉落，可能造成受傷。
材料進紙單元或自動收紙單元運作時，請小心不要讓手部或頭髮遭夾住。
未能遵守此注意事項，可能導致受傷。
除了移動腳架之外，確定腳架前端的兩個腳輪 (滾輪) 已固定。
若未固定，可能發生意外。
加熱器可能產生高溫，務必遵守所有必要的注意事項。
未能遵守必要的注意事項，可能導致燒傷危險。

重要的安全說明

電源注意事項

⚠ 警告
確定插頭腳完全插入電源插座中。
可能造成觸電或起火。
為防止發生接地漏電意外，請使用有接地的插座。
若使用任何不含接地的插座，可能會導致觸電或發生火災。
定期拔除插頭清除插頭腳之間的區域和插頭腳底部周圍。
若插頭長時間插著，插頭腳底部周圍會累積灰塵，而可能造成短路或起火。
請勿在插頭附著灰塵之類任何異物的情況下使用插頭。
可能造成觸電或起火。
拔除插頭時，請抓握插頭本身；請勿拉扯電源線。
若纜線損壞或插頭變形，可能造成觸電或起火。
請勿在雙手潮溼的情況下插拔插頭。
可能造成觸電。
只使用印表機標籤上指示的電源類型。
可能造成觸電或起火。
請勿使用印表機隨附的纜線以外的其他任何電源線。另外，請勿將印表機隨附的電源線用於其他任何裝置。
可能造成觸電或起火。
請勿使用損壞的電源線。
可能造成觸電或起火。若電源線損壞，請聯絡 Epson 授權服務中心。應遵守下列要點，以免損壞電源線。 ❑　請勿修改電源線。 ❑　請勿重壓電源線。 ❑　請勿用力彎折、扭曲或拉扯電源線。 ❑　請勿將電源線佈線在加熱器附近。
請勿將過多的電源線插在電源插座上。
溫度可能升高而起火。在家中使用時，直接將電源線插在插座上。

⚠ 注意
基於安全考量，若長時間不使用印表機，請拔掉印表機的插頭。

重要的安全說明

耗材 (墨水、材料等等) 和廢墨注意事項

在處理墨水*、墨水清潔劑、次印字座支撐桿潤滑脂或廢墨前，請先閱讀「安全資料表」。您可前往當地的 Epson 網站下載此資料表。

星號 (*) 表示耗材品項 (另售)。

⚠ 注意

維護期間，請穿戴防護衣物，包括護目鏡、手套及面罩。
若墨水、廢墨、墨水清潔劑或次印字座支撐桿潤滑脂接觸皮膚或滴入眼睛或嘴巴，應立即採取下列措施：

- ❏ 若液體附著於皮膚表面，請立即用大量肥皂水沖洗。若皮膚出現發炎或脫色現象，請就醫尋求醫療協助。

- ❏ 若液體滴入眼睛，應立即以清水沖洗。否則，可能導致眼睛充血或輕微發炎。如果情況沒有改善，請尋求醫療協助。

- ❏ 若滲入嘴巴，應立即就醫。

- ❏ 若誤飲液體，請勿強制催吐並應立即就醫。若強制催吐，液體可能跑入氣管而發生危險。

填充墨水時，請注意以下事項。

- ❏ 輕輕撕開墨水補充包的出墨孔。若太快切開噴嘴，墨水可能會濺出來。

- ❏ 墨水補充包打開後請勿擠壓，否則墨水會噴灑出來。

- ❏ 將墨水倒入大容量墨水槽時，請輕輕傾斜墨水補充包。

請將墨水補充包、墨水清潔劑、次印字座支撐桿潤滑脂及廢墨存放在兒童無法取得之處。

墨水不可飲用。

裁切材料時，小心裁刀或其他刀片割到手指或手部。

請勿用手摩擦材料的邊緣。

材料的邊緣銳利，可能導致受傷。

材料重量較重，不可由一個人搬動。

若材料重量超過 40 kg，建議使用起重機搬運。

其他注意事項

- ❏ 確定電源線符合計劃使用印表機所在地相關的安全標準。

- ❏ 將所有設備適當連接至接地電源插座。

- ❏ 列印時，請勿將手放入印表機內或接觸印表機印字頭。

- ❏ 列印時，請勿將手放入印表機內或接觸白色排線。

支援的材料種類

支援的材料種類

下列材料可用於印表機。

列印品質深受所用的材料種類及品質的影響。請選擇適合手邊工作的材料。有關使用方式的詳細資訊，請參考材料隨附的說明文件或洽詢製造商。在大量購買材料前，請先在較小的樣本上列印並檢查結果。

> ⚠️ 注意：
>
> 材料重量較重，不可由一個人搬動。
>
> 若材料重量超過 40 kg，建議使用起重機搬運。

> ❗ 重要資訊：
>
> 請勿使用有皺褶、磨損、破損或髒汙的材料。

捲筒紙

捲筒紙軸尺寸	2 或 3 inch
捲筒外徑	最多 250 mm
材料寬度	300 至 1,626 mm (64 inch)
材料厚度	0.04 mm 至 1.00 mm
捲筒重量	最多 45 kg*

* 可裝載 40 kg 以上材料的起重機規格如下所示。
　貨叉及扶架厚度：28 mm 以下
　貨叉及扶架可降至地板下約 190 mm 的位置。

系統條件

此軟體可在以下環境使用。(截至 2019 年 11 月)

支援的作業系統及元件可能有所不同。

如需最新資訊,請參閱 Epson 網站。

Epson Edge Dashboard

您可以在下列環境中使用 Epson Edge Dashboard。

> **! 重要資訊:**
> 安裝 Epson Edge Dashboard 的電腦需要下列環境。
> 若電腦未符合這些條件,將無法正確監控印表機。
> ❏ 請勿設定待機模式 (休眠) 功能。
> ❏ 停用睡眠功能,防止電腦進入睡眠模式。

Windows

作業系統	Windows 7 SP1 / Windows 7 x64 SP1 Windows 8 / Windows 8 x64 Windows 8.1 / Windows 8.1 x64 Windows 10 / Windows 10 x64
CPU	多核心處理器 (建議使用 3.0 GHz 或更快的處理器)
可用記憶體空間	4GB 以上
硬碟 (可用的安裝磁碟區)	2GB 以上
顯示器解析度	1280 × 1024 或更高解析度
通訊介面	高速 USB 乙太網路 1000Base-T
瀏覽器	Internet Explorer 11 Microsoft Edge

Mac

作業系統	Mac OS X 10.7 Lion 以上版本
CPU	多核心處理器 (建議使用 3.0 GHz 或更快的處理器)
可用記憶體空間	4GB 以上

系統條件

硬碟 (可用的安裝磁碟區)	2GB 以上
顯示器解析度	1280 × 1024 或更高解析度
通訊介面	高速 USB 乙太網路 1000Base-T
瀏覽器	Safari 6 或更新版本

Linux

發布版本	Debian 8.6 64bit (MATE desktop environment only) 以上版本
CPU	多核心處理器 (建議使用 3.0 GHz 或更快的處理器)
可用記憶體空間	4GB 以上
硬碟 (可用的安裝磁碟區)	2GB 以上
顯示器解析度	1280 × 1024 或更高解析度
通訊介面	高速 USB 乙太網路 1000Base-T
瀏覽器	Mozilla Firefox 45 (ESR) 以上版本

Epson Edge Print

作業系統	Windows 7 SP1 / Windows 7 x64 SP1 Windows 8 / Windows 8 x64 Windows 8.1 / Windows 8.1 x64 Windows 10 / Windows 10 x64 * 建議使用 64 位元版本
CPU	多核心處理器 (建議使用 3.0 GHz 或更快的處理器)
可用記憶體空間	4GB 以上
硬碟 (可用的安裝磁碟區)	50GB 以上
顯示器解析度	1280 × 1024 或更高解析度
通訊介面	高速 USB 乙太網路 100Base-TX/1000Base-T

建議在具有高規格的電腦上安裝此軟體，因為此軟體將與 Adobe Illustrator 等軟體應用程式搭配使用。

另外，此軟體通常處理大小為數 GB 的資料，在某些情況下大小可能達到數十 GB，尤其是執行高品質橫幅列印工作時。

因此，建議使用硬碟空間充足的電腦。

規格表

規格表

印表機規格	
列印方法	微針點式壓電噴墨技術
噴嘴設定	SC-F9430H: 360 噴嘴 x 2 x 2 列 x 4 色 (碳黑色、青色、洋紅色、黃色) 360 噴嘴 x 2 列 x 2 色 (螢光黃、螢光粉紅)
	SC-F9430: 360 噴嘴 x 2 x 2 列 x 4 色 (碳黑色、青色、洋紅色、黃色)
解析度 (最高)	720×1440dpi
控制代碼	ESC/P 點陣 (未公開命令)
進紙方式	摩擦進紙
內建記憶體	主記憶體 512 MB 網路記憶體 128 MB
界面	相容於 USB 2.0 規格的高速 USB 100Base-TX/1000Base-T[*1] (不支援 10Base-T)
額定電壓 (#1、#2)	AC 100 至 120V AC 200 至 240V
額定頻率 (#1、#2)	50/60 Hz
額定電流 (#1、#2)	10A (100 至 120V AC) 5A (200 至 240V AC)
耗電量 (#1 和 #2 的總和)	SC-F9430H: 列印：約 600 W 就緒模式：約 380 W 睡眠模式：約 14 W 電源關閉：約 0.9 W
	SC-F9430: 列印：約 570 W 就緒模式：約 340 W 睡眠模式：約 14 W 電源關閉：約 1.0 W
溫度及溼度 (無凝結狀態)	

印表機規格	
列印時	15 至 25℃，40 至 60%
裝入材料或維護等	15 至 35℃，20 至 80%
存放 (拆封前)	-20 至 60℃，5 至 85% (在 60℃ 下為 120 小時，在 40℃ 下為一個月)
存放 (補充墨水前)	-20 至 40℃，5 至 85% (40℃ 下可存放一個月)

溫度及溼度範圍

灰色區域：裝入材料或維護等

陰影線：列印時
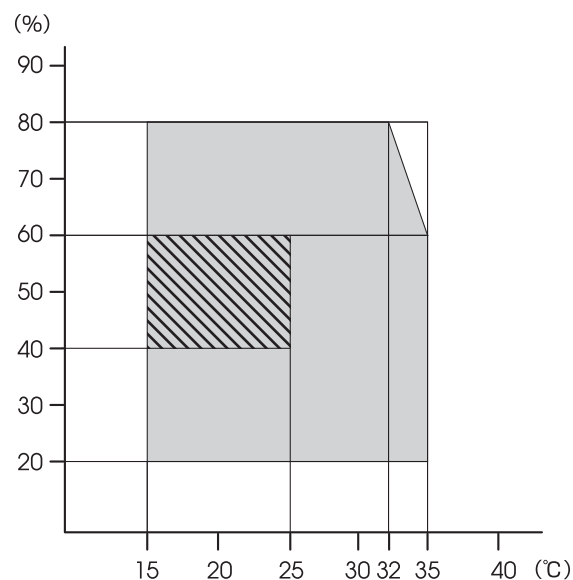
尺寸	存放尺寸：2620 (寬) × 934 (深) × 1332 (高) mm 最大尺寸：2620 (寬) × 934 (深) × 1670 (高) mm
重量[*2]	約 290 kg

*1 請使用遮蔽式雙絞線 (Category 5e 以上)。

*2 不含墨水。

> ❗ **重要資訊：**
> 在海拔 2000 公尺以下的地區使用印表機。

規格表

> ⚠ **警告：**
> 此為甲類資訊技術設備，於居住環境中使用時，可能會造成射頻擾動，在此種情況下，使用者會被要求採取某些適當的對策。

墨水規格	
類型	專用墨水補充包
熱昇華染料墨水	SC-F9430H: 螢光黃、螢光粉紅、碳黑色、青色、洋紅色、黃色
	SC-F9430: 碳黑色、青色、洋紅色、黃色
有效期限	請查看墨水補充包上印刷的過期日期 (存放在常溫下的有效期限)
列印品質保證期限	25 天 (自使用墨水補充包填充大容量墨水槽當天開始算起)
存放溫度	5 至 35 ℃
容量	初次填充：1000 ml (所有顏色) 補充： 1100 ml (碳黑色、青色、洋紅色、黃色) 1000 ml (螢光黃、螢光粉紅)

> **附註：**
> 為確保列印成品呈現穩定的色彩，請維持 15 至 25 ℃ 的穩定室溫環境。

何處取得協助

技術支援網站

Epson 的技術支援網站提供透過印表機文件中的疑難排解資訊仍無法解決問題的輔助說明。若您擁有網頁瀏覽器並已連結網際網路,請瀏覽下列網站:

https://www.epson.com.tw

若您需要最新的驅動程式、常見問題、使用手冊或其他可下載資料,請瀏覽下列網站:

https://www.epson.com.tw/CustomerAndDownload

接著,在 Epson 網站上選擇您的所在區域。

聯絡 Epson 支援

聯絡Epson之前

若您的 Epson 產品運作不正常而且無法透過產品文件中的疑難排解來解決問題時,請聯絡客戶服務中心以取得協助。若您所在地區的 EPSON 技術支援服務未列於下表,請聯絡您購買本產品的經銷商。

若您為 Epson 服務人員提供下列資訊,他們將可以更快地為您服務:

❏ 產品序號
(序號標籤通常位於產品的背後。)

❏ 產品型號

❏ 產品軟體版本
(按下產品軟體中的 [**關於**]、[**版本資訊**] 或類似的按鍵。)

❏ 電腦的品牌和型號

❏ 電腦作業系統名稱和版本

❏ 您通常搭配這項產品所用的軟體應用程式的名稱和版本

軟體授權條款

Open Source 軟體授權

Bonjour

This printer product includes the open source software programs which apply the Apple Public Source License Version1.2 or its latest version ("Bonjour Programs").
We provide the source code of the Bonjour Programs pursuant to the Apple Public Source License Version1.2 or its latest version until five (5) years after the discontinuation of same model of this printer product. If you desire to receive the source code of the Bonjour Programs, please see the "Contacting Customer Support" in Appendix or Printing Guide of this User's Guide, and contact the customer support of your region.

You can redistribute Bonjour Programs and/or modify it under the terms of the Apple Public Source License Version1.2 or its latest version.

These Bonjour Programs are WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The Apple Public Source License Version1.2 is as follows. You also can see the Apple Public Source License Version1.2 at http://www.opensource.apple.com/apsl/.
APPLE PUBLIC SOURCE LICENSE
Version 2.0 - August 6, 2003

1. General; Definitions. This License applies to any program or other work which Apple Computer, Inc. ("Apple") makes publicly available and which contains a notice placed by Apple identifying such program or work as "Original Code" and stating that it is subject to the terms of this Apple Public Source License version 2.0 ("License"). As used in this License:

1.1 "Applicable Patent Rights" mean: (a) in the case where Apple is the grantor of rights, (i) claims of patents that are now or hereafter acquired, owned by or assigned to Apple and (ii) that cover subject matter contained in the Original Code, but only to the extent necessary to use, reproduce and/or distribute the Original Code without infringement; and (b) in the case where You are the grantor of rights, (i) claims of patents that are now or hereafter acquired, owned by or assigned to You and (ii) that cover subject matter in Your Modifications, taken alone or in combination with Original Code.

1.2 "Contributor" means any person or entity that creates or contributes to the creation of Modifications.

1.3 "Covered Code" means the Original Code, Modifications, the combination of Original Code and any Modifications, and/or any respective portions thereof.

1.4 "Externally Deploy" means: (a) to sublicense, distribute or otherwise make Covered Code available, directly or indirectly, to anyone other than You; and/or (b) to use Covered Code, alone or as part of a Larger Work, in any way to provide a service, including but not limited to delivery of content, through electronic communication with a client other than You.

1.5 "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

軟體授權條款

1.6 "Modifications" mean any addition to, deletion from, and/or change to, the substance and/or structure of the Original Code, any previous Modifications, the combination of Original Code and any previous Modifications, and/or any respective portions thereof. When code is released as a series of files, a Modification is: (a) any addition to or deletion from the contents of a file containing Covered Code; and/or (b) any new file or other representation of computer program statements that contains any part of Covered Code.

1.7 "Original Code" means (a) the Source Code of a program or other work as originally made available by Apple under this License, including the Source Code of any updates or upgrades to such programs or works made available by Apple under this License, and that has been expressly identified by Apple as such in the header file(s) of such work; and (b) the object code compiled from such Source Code and originally made available by Apple under this License

1.8 "Source Code" means the human readable form of a program or other work that is suitable for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an executable (object code).

1.9 "You" or "Your" means an individual or a legal entity exercising rights under this License. For legal entities, "You" or "Your" includes any entity which controls, is controlled by, or is under common control with, You, where "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of fifty percent (50%) or more of the outstanding shares or beneficial ownership of such entity.

2. Permitted Uses; Conditions & Restrictions. Subject to the terms and conditions of this License, Apple hereby grants You, effective on the date You accept this License and download the Original Code, a world-wide, royalty-free, non-exclusive license, to the extent of Apple's Applicable Patent Rights and copyrights covering the Original Code, to do the following:

2.1 Unmodified Code. You may use, reproduce, display, perform, internally distribute within Your organization, and Externally Deploy verbatim, unmodified copies of the Original Code, for commercial or non-commercial purposes, provided that in each instance:

(a) You must retain and reproduce in all copies of Original Code the copyright and other proprietary notices and disclaimers of Apple as they appear in the Original Code, and keep intact all notices in the Original Code that refer to this License; and

(b) You must include a copy of this License with every copy of Source Code of Covered Code and documentation You distribute or Externally Deploy, and You may not offer or impose any terms on such Source Code that alter or restrict this License or the recipients' rights hereunder, except as permitted under Section 6.

2.2 Modified Code. You may modify Covered Code and use, reproduce, display, perform, internally distribute within Your organization, and Externally Deploy Your Modifications and Covered Code, for commercial or non-commercial purposes, provided that in each instance You also meet all of these conditions:

(a) You must satisfy all the conditions of Section 2.1 with respect to the Source Code of the Covered Code;

(b) You must duplicate, to the extent it does not already exist, the notice in Exhibit A in each file of the Source Code of all Your Modifications, and cause the modified files to carry prominent notices stating that You changed the files and the date of any change; and

(c) If You Externally Deploy Your Modifications, You must make Source Code of all Your Externally Deployed Modifications either available to those to whom You have Externally Deployed Your Modifications, or publicly available. Source Code of Your Externally Deployed Modifications must be released under the terms set forth in this License, including the license grants set forth in Section 3 below, for as long as you Externally Deploy the Covered Code or twelve (12) months from the date of initial External Deployment, whichever is longer. You should preferably distribute the Source Code of Your Externally Deployed Modifications electronically (e.g. download from a web site).

軟體授權條款

2.3 Distribution of Executable Versions. In addition, if You Externally Deploy Covered Code (Original Code and/or Modifications) in object code, executable form only, You must include a prominent notice, in the code itself as well as in related documentation, stating that Source Code of the Covered Code is available under the terms of this License with information on how and where to obtain such Source Code.

2.4 Third Party Rights. You expressly acknowledge and agree that although Apple and each Contributor grants the licenses to their respective portions of the Covered Code set forth herein, no assurances are provided by Apple or any Contributor that the Covered Code does not infringe the patent or other intellectual property rights of any other entity. Apple and each Contributor disclaim any liability to You for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, You hereby assume sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow You to distribute the Covered Code, it is Your responsibility to acquire that license before distributing the Covered Code.

3. Your Grants. In consideration of, and as a condition to, the licenses granted to You under this License, You hereby grant to any person or entity receiving or distributing Covered Code under this License a non-exclusive, royalty-free, perpetual, irrevocable license, under Your Applicable Patent Rights and other intellectual property rights (other than patent) owned or controlled by You, to use, reproduce, display, perform, modify, sublicense, distribute and Externally Deploy Your Modifications of the same scope and extent as Apple's licenses under Sections 2.1 and 2.2 above.

4. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In each such instance, You must make sure the requirements of this License are fulfilled for the Covered Code or any portion thereof.

5. Limitations on Patent License. Except as expressly stated in Section 2, no other patent rights, express or implied, are granted by Apple herein. Modifications and/or Larger Works may require additional patent licenses from Apple which Apple may grant in its sole discretion.

6. Additional Terms. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations and/or other rights consistent with the scope of the license granted herein ("Additional Terms") to one or more recipients of Covered Code. However, You may do so only on Your own behalf and as Your sole responsibility, and not on behalf of Apple or any Contributor. You must obtain the recipient's agreement that any such Additional Terms are offered by You alone, and You hereby agree to indemnify, defend and hold Apple and every Contributor harmless for any liability incurred by or claims asserted against Apple or such Contributor by reason of any such Additional Terms.

7. Versions of the License. Apple may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Once Original Code has been published under a particular version of this License, You may continue to use it under the terms of that version. You may also choose to use such Original Code under the terms of any subsequent version of this License published by Apple. No one other than Apple has the right to modify the terms applicable to Covered Code created under this License.

軟體授權條款

8. NO WARRANTY OR SUPPORT. The Covered Code may contain in whole or in part pre-release, untested, or not fully tested works. The Covered Code may contain errors that could cause failures or loss of data, and may be incomplete or contain inaccuracies. You expressly acknowledge and agree that use of the Covered Code, or any portion thereof, is at Your sole and entire risk. THE COVERED CODE IS PROVIDED "AS IS" AND WITHOUT WARRANTY, UPGRADES OR SUPPORT OF ANY KIND AND APPLE AND APPLE'S LICENSOR(S) (COLLECTIVELY REFERRED TO AS "APPLE" FOR THE PURPOSES OF SECTIONS 8 AND 9) AND ALL CONTRIBUTORS EXPRESSLY DISCLAIM ALL WARRANTIES AND/OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES AND/OR CONDITIONS OF MERCHANTABILITY, OF SATISFACTORY QUALITY, OF FITNESS FOR A PARTICULAR PURPOSE, OF ACCURACY, OF QUIET ENJOYMENT, AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. APPLE AND EACH CONTRIBUTOR DOES NOT WARRANT AGAINST INTERFERENCE WITH YOUR ENJOYMENT OF THE COVERED CODE, THAT THE FUNCTIONS CONTAINED IN THE COVERED CODE WILL MEET YOUR REQUIREMENTS, THAT THE OPERATION OF THE COVERED CODE WILL BE UNINTERRUPTED OR ERROR-FREE, OR THAT DEFECTS IN THE COVERED CODE WILL BE CORRECTED. NO ORAL OR WRITTEN INFORMATION OR ADVICE GIVEN BY APPLE, AN APPLE AUTHORIZED REPRESENTATIVE OR ANY CONTRIBUTOR SHALL CREATE A WARRANTY. You acknowledge that the Covered Code is not intended for use in the operation of nuclear facilities, aircraft navigation, communication systems, or air traffic control machines in which case the failure of the Covered Code could lead to death, personal injury, or severe physical or environmental damage.

9. LIMITATION OF LIABILITY. TO THE EXTENT NOT PROHIBITED BY LAW, IN NO EVENT SHALL APPLE OR ANY CONTRIBUTOR BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING OUT OF OR RELATING TO THIS LICENSE OR YOUR USE OR INABILITY TO USE THE COVERED CODE, OR ANY PORTION THEREOF, WHETHER UNDER A THEORY OF CONTRACT, WARRANTY, TORT (INCLUDING NEGLIGENCE), PRODUCTS LIABILITY OR OTHERWISE, EVEN IF APPLE OR SUCH CONTRIBUTOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY REMEDY. SOME JURISDICTIONS DO NOT ALLOW THE LIMITATION OF LIABILITY OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS LIMITATION MAY NOT APPLY TO YOU. In no event shall Apple's total liability to You for all damages (other than as may be required by applicable law) under this License exceed the amount of fifty dollars ($50.00).

10. Trademarks. This License does not grant any rights to use the trademarks or trade names "Apple", "Apple Computer", "Mac", "Mac OS", "QuickTime", "QuickTime Streaming Server" or any other trademarks, service marks, logos or trade names belonging to Apple (collectively "Apple Marks") or to any trademark, service mark, logo or trade name belonging to any Contributor. You agree not to use any Apple Marks in or as part of the name of products derived from the Original Code or to endorse or promote products derived from the Original Code other than as expressly permitted by and in strict compliance at all times with Apple's third party trademark usage guidelines which are posted at http://www.apple.com/legal/guidelinesfor3rdparties.html.

11. Ownership. Subject to the licenses granted under this License, each Contributor retains all rights, title and interest in and to any Modifications made by such Contributor. Apple retains all rights, title and interest in and to the Original Code and any Modifications made by or on behalf of Apple ("Apple Modifications"), and such Apple Modifications will not be automatically subject to this License. Apple may, at its sole discretion, choose to license such Apple Modifications under this License, or on different terms from those contained in this License or may choose not to license them at all.

12. Termination.

12.1 Termination. This License and the rights granted hereunder will terminate:

(a) automatically without notice from Apple if You fail to comply with any term(s) of this License and fail to cure such breach within 30 days of becoming aware of such breach;

(b) immediately in the event of the circumstances described in Section 13.5(b); or

(c) automatically without notice from Apple if You, at any time during the term of this License, commence an action for patent infringement against Apple; provided that Apple did not first commence an action for patent infringement against You in that instance.

12.2 Effect of Termination. Upon termination, You agree to immediately stop any further use, reproduction, modification, sublicensing and distribution of the Covered Code. All sublicenses to the Covered Code which have been properly granted prior to termination shall survive any termination of this License. Provisions which, by their nature, should remain in effect beyond the termination of this License shall survive, including but not limited to Sections 3, 5, 8, 9, 10, 11, 12.2 and 13. No party will be liable to any other for compensation, indemnity or damages of any sort solely as a result of terminating this License in accordance with its terms, and termination of this License will be without prejudice to any other right or remedy of any party.

13. Miscellaneous.

13.1 Government End Users. The Covered Code is a "commercial item" as defined in FAR 2.101. Government software and technical data rights in the Covered Code include only those rights customarily provided to the public as defined in this License. This customary commercial license in technical data and software is provided in accordance with FAR 12.211 (Technical Data) and 12.212 (Computer Software) and, for Department of Defense purchases, DFAR 252.227-7015 (Technical Data -- Commercial Items) and 227.7202-3 (Rights in Commercial Computer Software or Computer Software Documentation). Accordingly, all U.S. Government End Users acquire Covered Code with only those rights set forth herein.

13.2 Relationship of Parties. This License will not be construed as creating an agency, partnership, joint venture or any other form of legal association between or among You, Apple or any Contributor, and You will not represent to the contrary, whether expressly, by implication, appearance or otherwise.

13.3 Independent Development. Nothing in this License will impair Apple's right to acquire, license, develop, have others develop for it, market and/or distribute technology or products that perform the same or similar functions as, or otherwise compete with, Modifications, Larger Works, technology or products that You may develop, produce, market or distribute.

13.4 Waiver; Construction. Failure by Apple or any Contributor to enforce any provision of this License will not be deemed a waiver of future enforcement of that or any other provision. Any law or regulation which provides that the language of a contract shall be construed against the drafter will not apply to this License.

13.5 Severability. (a) If for any reason a court of competent jurisdiction finds any provision of this License, or portion thereof, to be unenforceable, that provision of the License will be enforced to the maximum extent permissible so as to effect the economic benefits and intent of the parties, and the remainder of this License will continue in full force and effect. (b) Notwithstanding the foregoing, if applicable law prohibits or restricts You from fully and/or specifically complying with Sections 2 and/or 3 or prevents the enforceability of either of those Sections, this License will immediately terminate and You must immediately discontinue any use of the Covered Code and destroy all copies of it that are in your possession or control.

13.6 Dispute Resolution. Any litigation or other dispute resolution between You and Apple relating to this License shall take place in the Northern District of California, and You and Apple hereby consent to the personal jurisdiction of, and venue in, the state and federal courts within that District with respect to this License. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded.

13.7 Entire Agreement; Governing Law. This License constitutes the entire agreement between the parties with respect to the subject matter hereof. This License shall be governed by the laws of the United States and the State of California, except that body of California law concerning conflicts of law.

Where You are located in the province of Quebec, Canada, the following clause applies: The parties hereby confirm that they have requested that this License and all related documents be drafted in English.

Les parties ont exigé que le présent contrat et tous les documents connexes soient rédigés en anglais.

EXHIBIT A.

軟體授權條款

OpenSSL License/Original SSLeay License

LICENSE ISSUES

==============

The OpenSSL toolkit stays under a double license, i.e. both the conditions of

the OpenSSL License and the original SSLeay license apply to the toolkit.

See below for the actual license texts.

OpenSSL License

/ *   ==

 *   Copyright (c) 1998-2017 The OpenSSL Project. All rights reserved.

 *

 *   Redistribution and use in source and binary forms, with or without

 *   modification, are permitted provided that the following conditions

 *   are met:

 *   1.   Redistributions of source code must retain the above copyright

 *   notice, this list of conditions and the following disclaimer.

 *

 *   2.   Redistributions in binary form must reproduce the above copyright

 *   notice, this list of conditions and the following disclaimer in

軟體授權條款

*　　　　the documentation and/or other materials provided with the

*　　　　distribution.

*

*　3.　All advertising materials mentioning features or use of this

*　　　　software must display the following acknowledgment:

*　　　　"This product includes software developed by the OpenSSL Project

*　　　　for use in the OpenSSL Toolkit. (http://www.openssl.org/)"

*

*　4.　The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to

*　　　　endorse or promote products derived from this software without

*　　　　prior written permission. For written permission, please contact

*　　　　openssl-core@openssl.org.

*

*　5.　Products derived from this software may not be called "OpenSSL"

*　　　　nor may "OpenSSL" appear in their names without prior written

*　　　　permission of the OpenSSL Project.

*

*　6.　Redistributions of any form whatsoever must retain the following

*　　　　acknowledgment:

*　　　　"This product includes software developed by the OpenSSL Project

*　　　　for use in the OpenSSL Toolkit (http://www.openssl.org/)"

*　THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY

*　EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

*　IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR

*　PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR

*　ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,

*　SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT

*　NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;

軟體授權條款

<div align="center">軟體授權條款</div>

*

*　Copyright remains Eric Young's, and as such any Copyright notices in

*　the code are not to be removed.

*　If this package is used in a product, Eric Young should be given attribution

*　as the author of the parts of the library used.

*　This can be in the form of a textual message at program startup or

*　in documentation (online or textual) provided with the package.

*

*　Redistribution and use in source and binary forms, with or without

*　modification, are permitted provided that the following conditions

*　are met:

*　1.　Redistributions of source code must retain the copyright

*　　　notice, this list of conditions and the following disclaimer.

*　2.　Redistributions in binary form must reproduce the above copyright

*　　　notice, this list of conditions and the following disclaimer in the

*　　　documentation and/or other materials provided with the distribution.

*　3.　All advertising materials mentioning features or use of this software

*　　　must display the following acknowledgement:

*　　　"This product includes cryptographic software written by

*　　　Eric Young (eay@cryptsoft.com)"

*　　　The word 'cryptographic' can be left out if the rouines from the library

*　　　being used are not cryptographic related :-).

*　4.　If you include any Windows specific code (or a derivative thereof) from

*　　　the apps directory (application code) you must include an acknowledgement:

*　　　"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

*

*　THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND

*　ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE

<div align="center">**25**</div>

軟體授權條款

* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE

* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS

* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)

* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT

* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY

* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF

* SUCH DAMAGE.

*

* The licence and distribution terms for any publically available version or

* derivative of this code cannot be changed. i.e. this code cannot simply be

* copied and put under another distribution licence

* [including the GNU Public Licence.]

* /

其他軟體授權

Info-ZIP copyright and license

This is version 2007-Mar-4 of the Info-ZIP license. The definitive version of this document should be available at ftp://ftp.info-zip.org/pub/infozip/license.html indefinitely and a copy at http://www.info-zip.org/pub/infozip/license.html.

Copyright © 1990-2007 Info-ZIP. All rights reserved.

For the purposes of this copyright and license, "Info-ZIP" is defined as the following set of individuals:

Mark Adler, John Bush, Karl Davis, Harald Denker, Jean-Michel Dubois, Jean-loup Gailly, Hunter Goatley, Ed Gordon, Ian Gorman, Chris Herborth, Dirk Haase, Greg Hartwig, Robert Heath, Jonathan Hudson, Paul Kienitz, David Kirschbaum, Johnny Lee, Onno van der Linden, Igor Mandrichenko, Steve P. Miller, Sergio Monesi, Keith Owens, George Petrov, Greg Roelofs, Kai Uwe Rommel, Steve Salisbury, Dave Smith, Steven M. Schweda, Christian Spieler, Cosmin Truta, Antoine Verheijen, Paul von Behren, Rich Wales, Mike White.

This software is provided "as is," without warranty of any kind, express or implied. In no event shall Info-ZIP or its contributors be held liable for any direct, indirect, incidental, special or consequential damages arising out of the use of or inability to use this software.

軟體授權條款

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the above disclaimer and the following restrictions:

1. Redistributions of source code (in whole or in part) must retain the above copyright notice, definition, disclaimer, and this list of conditions.

2. Redistributions in binary form (compiled executables and libraries) must reproduce the above copyright notice, definition, disclaimer, and this list of conditions in documentation and/or other materials provided with the distribution. The sole exception to this condition is redistribution of a standard UnZipSFX binary (including SFXWiz) as part of a self-extracting archive; that is permitted without inclusion of this license, as long as the normal SFX banner has not been removed from the binary or disabled.

3. Altered versions--including, but not limited to, ports to new operating systems, existing ports with new graphical interfaces, versions with modified or added functionality, and dynamic, shared, or static library versions not from Info-ZIP--must be plainly marked as such and must not be misrepresented as being the original source or, if binaries, compiled from the original source. Such altered versions also must not be misrepresented as being Info-ZIP releases--including, but not limited to, labeling of the altered versions with the names "Info-ZIP" (or any variation thereof, including, but not limited to, different capitalizations), "Pocket UnZip," "WiZ" or "MacZip" without the explicit permission of Info-ZIP. Such altered versions are further prohibited from misrepresentative use of the Zip-Bugs or Info-ZIP e-mail addresses or the Info-ZIP URL(s), such as to imply Info-ZIP will provide support for the altered versions.

4. Info-ZIP retains the right to use the names "Info-ZIP," "Zip," "UnZip," "UnZipSFX," "WiZ," "Pocket UnZip," "Pocket Zip," and "MacZip" for its own source and binary releases.