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Bluetooth Barcode Scanner Setting Manual

藍牙條碼掃描器設定書



BT-10 series barcode scanner

The BT-10 series handheld barcode scanner from Suntop is a portable device that offers high performance scanning at a moderate price point. From backroom inventory management to logistics and package tracking to point-of-sale scanning, the BT-10L provides fast reliable scanning, increasing productivity and efficiency while reducing your total cost

With aggressive scanning capabilities and the ability to read a wide range of barcode formats, the BT-10L accurately captures data fast, helping employees work quickly and efficiently. Users will be up and running fast, because the BT-10L is easy to deploy, thanks to its advanced blue tooth connectivity technology and user-friendly design. It provides rapid data transmission capacity. Also, special features such as the ability to pair with smart devices help eliminate the possibility of data loss while transmitting.

認識 BT-10 系列條碼掃描器

BT-10系列條碼掃描器為一款掌上型機器，耗電低、待機時間長，並且攜帶非常方便，最重要的是具有防塵、防震以及防水IP工業等級，便利於各式行動的運用。

BT-10系列條碼讀取速度技術更為精準、攜帶方便可提升龐大的生產效能並且跟智慧型手機和含有藍牙HID相互搭配，優雅的外型、工業的防護等級大大降低各公司採購成本，適合擺在口袋、掛在身上，保持最佳連結狀態，超長續電能耐讓您不漏接任何資料

Bluetooth Parameters back to Default 藍牙參數回歸預設值

START



SET



3 - SetUp PIN code PIN碼、Barcode Reading Parameters back to default 條碼識讀參數恢復預設值

4 - BT Scanner configuration procedures 配對流程指引

5 - HID Interface Set/Pairing Set/ HID Character Transmit Mode HID介面設定、配對設定、字元傳送速度設定

6 - SPP Interface Set/ SPP介面設定

7 - Pairing Set/ Power set after disconnect/ 配對設定、藍牙斷線後關機設定

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Using instruction, Caution 使用須知、注意事項 -1

Instruction

- The scanner read " START", it will respond with five beeps. Reads each setting barcode, the scanner will respond each 1 long beep and finally reads "END", it also have 1 long beep.
- If the setting is wrong or reading codes before the scanner ready, The scanner will have 2 short beeps as responds.
- Hold Power trigger 3 seconds, the scanner will turn ON/OFF, the yellow LED on and off quickly and after buzzer have One Long beep with Yellow LED flashing, it means the scanner has already turn on could pair with device anytime, vise versa, Buzzer beeps One long beep and off immediately, it means the scanner turning off.
- Hold Scan and Power trigger 3 seconds, the scanner could disconnect with bluetooth device.
- Hold both Scan and Power trigger 1/2 seconds, the scanner could disconnect with bluetooth device temporary, the Blue LED off and Yellow flashing, user can use this moment to set, around 5 seconds, the scanner will pair back with bluetooth device again, Blue LED will on.

- 讀取「開始設定」這個條碼會有5聲短嗶聲，之後設定條碼都是長嗶1聲，最後讀取「設定結束」會有長嗶1聲。
- 若是設定錯誤、或是機器尚未準備好就讀取設定碼，讀取到條碼時會出現短嗶2聲。
- 電源鍵持續按3秒後，機器即開啓 / 關閉。您會看見前方黃燈閃一下，隨即跟著機器會長嗶1聲並且電池圖案的LED燈會閃動1下，之後前方藍牙標誌會持續閃黃燈代表開機完成，可以隨時配對。關閉時，機器會長嗶1聲並且電池圖案的LED燈會閃動1下隨即關閉。
- 掃描鍵和電源鍵同時持續按壓3秒鐘，即可與藍牙裝置斷開。
- 讀碼和開關鍵同時按1/2秒，可以將掃描器和藍牙裝置暫時斷開藍牙指示燈會慢閃黃燈，這時您可以用來做設定，大約5秒左右，又會恢復連結變成長亮藍燈。

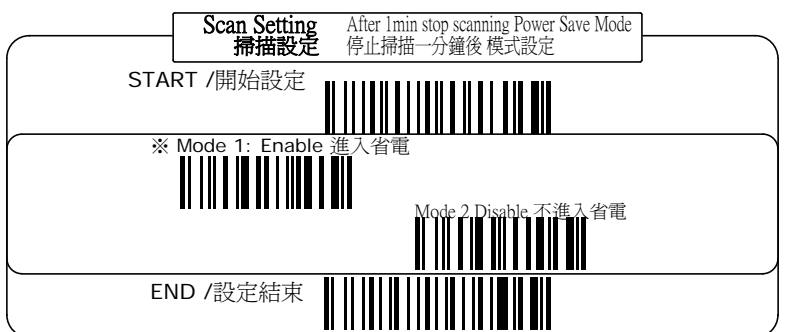
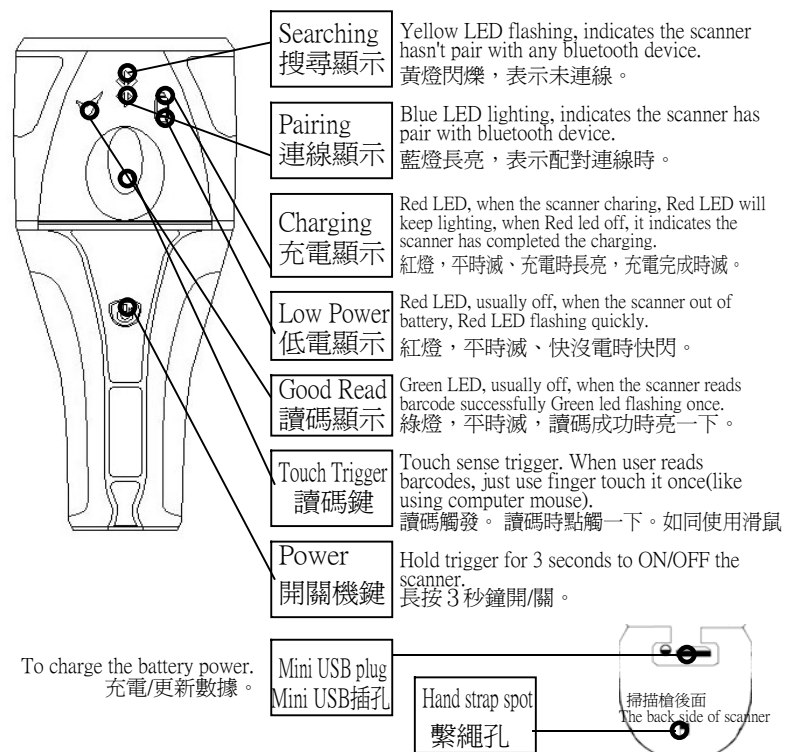
Caution

- ◎ Do not dismantale the machine, improper use, damage, or allow foreign objects to contact or placed next to the machine caused damage.
- ◎ Do not contact the machines and related accessories or near a fire source.
- ◎ The machine can use damp cloth or alcohol wipe to clean.
- ◎ If machine failures to be found, please note the fault information and using environment to inform maintenance personnel in order to achieve the fastest speed to repair.

注意事項

- ◎請勿擅自拆裝機器，不當使用毀損、或將異物接觸或是放置到機器造成損壞。
- ◎請勿將機器、以及相關配件產品接觸或是靠近火源。
- ◎本機器可以使用乾淨的濕布，或是酒精來消毒擦拭。
- ◎若發現機器故障，請詳細記下故障的訊息以及環境，告知維修人員以便於達到最快的維修速度。

Trigger, LED Indicator 按鍵、LED顯示器指引, Scan Setting 掃描設定-2

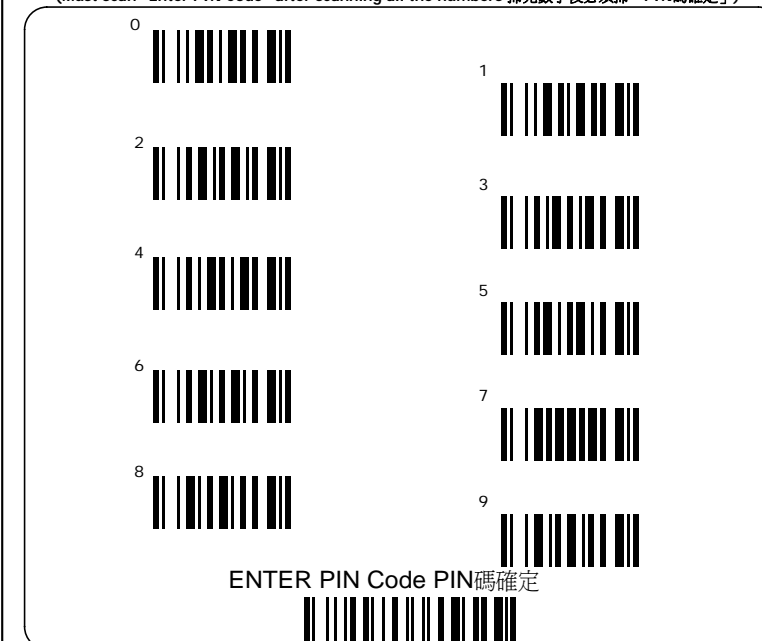


SetUp PIN code PIN碼、Barcode Reading Parameters back to default 條碼識讀參數恢復預設值 - 3

All settings must be done in the scanner and Bluetooth device is NOT paired. 所有設置必須在掃描器沒有和藍牙裝置配對的情況下才可以完成。

Pairing random PIN code 配對動態PIN碼

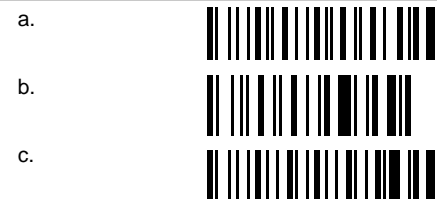
(Must scan "Enter PIN Code" after scanning all the numbers 掃完數字後必須掃「PIN碼確定」)



Barcode Reading Parameters back to default 條碼識讀參數恢復預設值

Please scan following a.b.c. 請按照a.b.c.順序讀取。

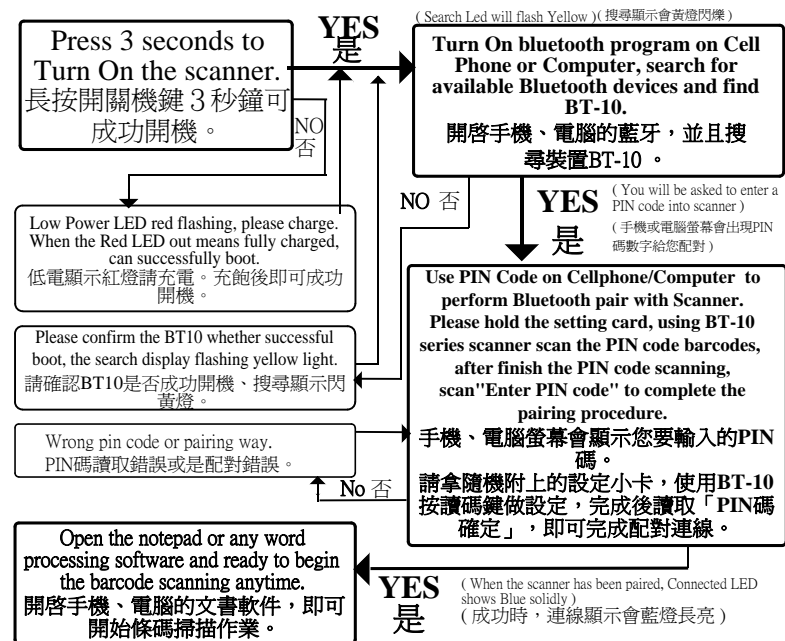
All settings must be done in the scanner and Bluetooth device is NOT paired. 所有設置必須在掃描器沒有和藍牙裝置配對的情況下才可以完成。



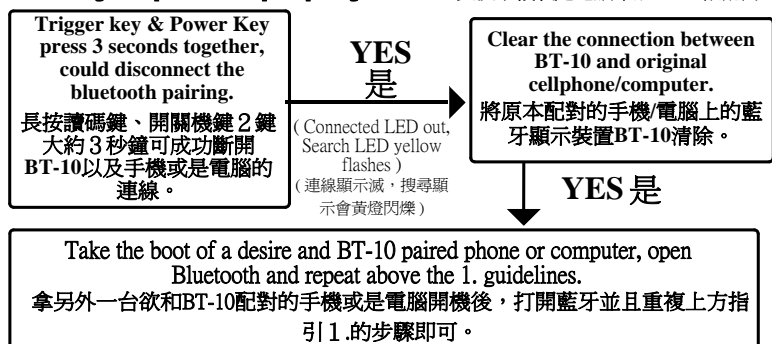
BT Scanner configuration procedures 配對流程指引- 4

HID Interface 介面

1. Pairing BT scanner with Cellphone/Computer bluetooth 將BT和手機、電腦藍牙做連線：

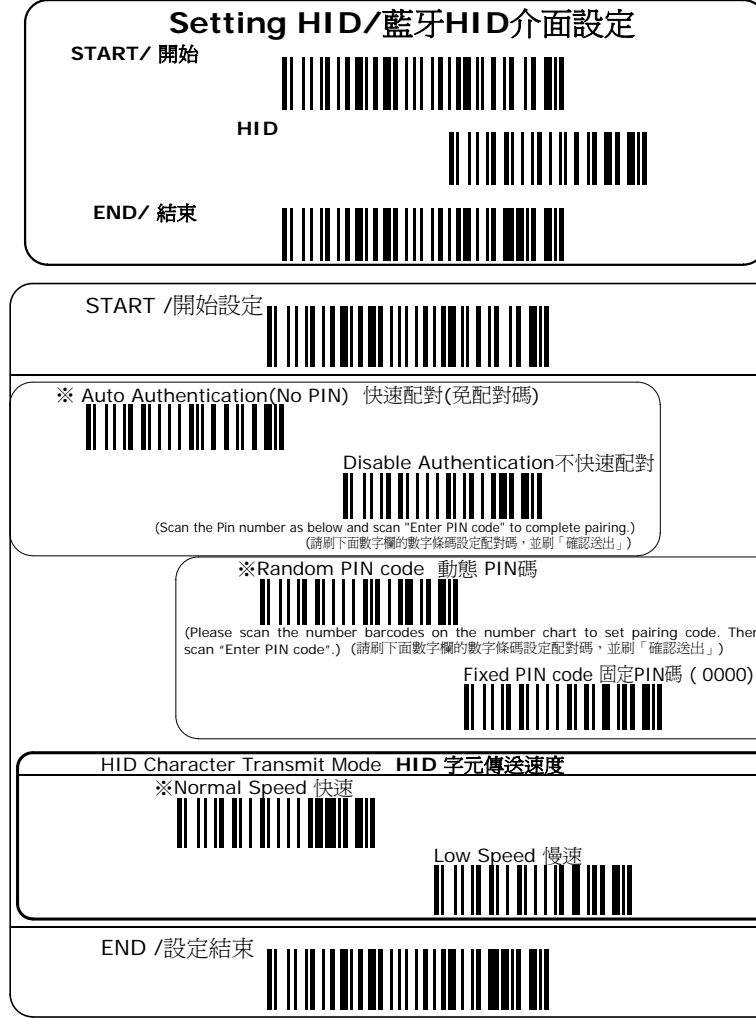


2. Exchange Cell phone or Computer pairing with BT-10 更換手機或是電腦來跟BT-10做配對：



HID Interface Set/Pairing Set/ HID Character Transmit Mode/ HID介面設定、配對設定、字元傳送速度設定 - 5

All settings must be done in the scanner and Bluetooth device is NOT paired.
所有設置必須在掃描器沒有和藍牙裝置配對的情況下才可以完成。



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Barcode Parameters 各類條碼設定 - 2

Code 39 Code Parameters Code 39 參數設置 -3

Add 2/5 Code, Transfer UPC A, UPC-E code
補充碼2或5位、轉換UPC-A、UPC-E條碼類型 -4

EAN-13 Code transfer to ISBN/ ISSN Code, EAN-8 Parameters
EAN-13轉換圖書碼、EAN-8 碼 -5

EAN-13, UPC-E Code Parameters EAN-13碼、UPC-E碼條碼參數 -6

Barcode Parameters Setting Manuals 條碼參數設定手冊



Each standard package contains main unit, interface cable and user manual (if you buy BT series, standard package contains main unit, setting card and charging cable)The manual can only give you an overall review and information about scanner. For those who can do configuration by themselves, please contact your dealer for separated configuration manual or download from website.

In order to avoid, however, any misuse or misunderstanding, we strongly suggest and recommend that configuration manual should be used by either your dealer or your system integrator for proper set-up and custom configurations.

Precautions

- ◎ Do NOT disassemble, incinerate or short the battery.
- ◎ Do NOT expose the scanner to any flammable source.
- ◎ If you find the scanner malfunctioning, write down the specific conditions and consult your local sales representative.
- ◎ You can use a clean wet cloth to wipe dust off the body of scanner.

7- TEST CHART, Barcode Parameters back to default
測試表、條碼識讀參數恢復預設值

8- Codabar Code Parameters 各式條碼參數

9- Interleaved 2 of 5 Code、Matrix 2 of 5 Code Parameters 參數

10- UPC-A code、Code 93 code Parameters UPC-A碼、Code 93碼

11- ChinaPostage Code Parameters CodeMark 中國郵政碼、條碼代碼

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Barcode Parameters 各類條碼設定- 1

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

START 開始



U P C - A Code

※ ON 開啟



off 關閉



U P C - E Code

※ ON 開啟



off 關閉



E A N - 1 3 Code

※ ON 開啟



off 關閉



E A N - 8 Code

※ ON 開啟



off 關閉



END 結束



C o d e - 3 9 Code

※ ON 開啟



off 關閉



C o d a b a r Code

※ ON 開啟



off 關閉



C o d e 9 3 Code

※ ON 開啟



off 關閉



Barcode Setting 各類條碼設定 - 2

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

START 開始



Code 128 Code

※ ON 開啟



off 關閉



Interleaved 2 of 5 Code

on 開啟



※OFF 關閉



Industrial 2 of 5 Code

on 開啟



※OFF 關閉



Standard 2 of 5 Code

on 開啟



※ OFF 關閉



END 結束



Matrix 2 of 5 Code

on 開啟



※ OFF 關閉



China Postal Code

on 開啟



※ OFF 關閉



MSI/Plessey Code

on 開啟



※ OFF 關閉



Code 39 Code Parameters Code 39 參數設置 -3

Code 39 Parameters 參數

START 開始



Code 39 Type 類型

※ Standard Code 一般標準碼



Full ASCII Code 所有 ASCII 碼



Start / End Character 傳送開始/結束 字符

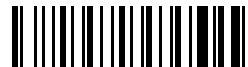
ON 開啟



※ off 關閉



END 結束



Code 39 Check Digit 校驗

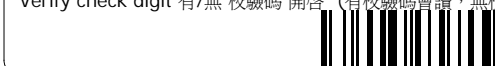
START 開始



※ NOT verify check digit 校驗 關閉



Verify check digit 有/無 校驗碼 開啟 (有校驗碼會讀，無校驗碼不讀。)



Transmit Check Digit 傳送校驗字符

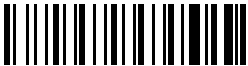
※ NOT Transmit 不傳送





transmit 傳送



END 結束



<p>Add 2/5 Code, Transfer UPC A, UPC-E code 補充碼2或5位、轉換UPC-A、UPC-E條碼類型 -4</p> <p>If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired. 若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。</p> <p>Add 2 / 5 code 補充碼 2 或 5 位 example  Add 2 / 5 code 補充碼 (Just for example, not for set 本條碼僅供指定用，請勿列入設定)</p> <p>START 開始 </p> <p>※ Add 2/5 OFF 補充 2/5 碼 關閉 </p> <p>Add 2/5 on 2/5 碼開啓 </p> <p>END 結束 </p> <p>UPC-A code & UPC-E code transfer UPC-A、UPC-E條碼類型</p> <p>START 開始 </p> <p>UPC-A code transfer to EAN-13 code? UPC - A碼轉成EAN-13碼?</p> <p>※ Not Transfer不轉換 </p> <p>Transfer 轉換 </p> <p>UPC-E Code transfer to UPC-A Code? UPC-E 碼轉成UPC-A 碼?</p> <p>※ Not Transfer 不轉換 </p> <p>Transfer 轉換 </p> <p>END 結束 </p>	<p>EAN-13 Code transfer to ISBN/ ISSN Code, EAN-8 Parameters EAN-13轉換圖書碼、EAN-8 碼 -5</p> <p>If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired. 若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。</p> <p>EAN-13 Code transfer to ISBN/ ISSN Code example  7-5066-3126-1 (Just for example, not for set 本條碼僅供指定用，請勿列入設定)</p> <p>START 開始 </p> <p>EAN-13 Code transfer to ISBN/ ISSN Code? EAN-13碼轉換為ISBN/ISSN圖書碼?</p> <p>※ NOT Transfer 不轉換 </p> <p>transfer 轉換 </p> <p>END 結束 </p> <p>EAN-8 Code Parameters EAN-8 碼參數</p> <p>example  4 0 2 6 1 1 7 6 5 0 ——— check 校驗碼 (Just for example, not for set 本條碼僅供指定用，請勿列入設定)</p> <p>START 開始 </p> <p>Transmit EAN Code check digit 傳送EAN-8校驗碼</p> <p>※ Transmit 傳送 </p> <p>NOT transmit check digit不傳送 </p> <p>END 結束 </p>
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EAN-13, UPC-E Code Parameters EAN-13碼、UPC-E碼條碼參數 -6

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

EAN-13 Code Parameters

example 
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
(example, not for set本條碼僅供指定用，請勿列入設定)

START 開始



※ Transmit Check Digit 傳送校驗碼



not transmit 不傳送



END 結束



UPC-E Code Parameters

example

First Digit第一碼 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
(example, not for set本條碼僅供指定用，請勿列入設定)

START 開始



※ NOT Transmit First digit 不傳送第一碼

First Digit
第一碼



transmitted 傳送



※ Transmitted Check digit 傳送校驗碼



Check Digit
校驗碼

not transmitted 不傳送



END 結束



TEST CHART, Barcode Parameters back to default

測試表、條碼識讀參數恢復預設值 - 7

These barcodes for let you test see if the barcodes are turned On already.
這些條碼類型可以幫助您測試您的條碼打開了沒。

UPC-A



Code 93



UPC-E



23941

CODABAR



EAN-8



25978728

Code 128



EAN-13



TW25978729

Interleaved 2 of 5



Code 39



108188

BT10

Barcode Parameters back to default 條碼識讀參數恢復預設值

Please follow a.b.to scan 請按照a.b.順序讀取。

a.



b.












V.b02

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

<div>Codabar Code Parameters 各式條碼參數 -8</div> <div>If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired. 若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。</div>	<div>Interleaved 2 of 5 Code、Matrix 2 of 5 Code Parameters 參數 -9</div> <div>If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired. 若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。</div>
<div>Check digit 校驗碼</div> <div>START 開始</div> <div><div>※ NOT Verify Check digit 校驗關閉</div><div>Verify check digit 有/無 校驗碼 開啓 (有校驗碼會讀，無校驗碼不讀。)</div><div>※ NOT transmit 不傳送</div><div>Transmit Check digit 傳送校驗字符</div><div>Transmit 傳送</div></div> <div>END 結束</div>	<div>Interleaved 2 of 5 Code START 開始</div> <div><div>※ NOT Verify Check digit 校驗關閉</div><div>Verify check digit 有/無 校驗碼 開啓 (有校驗碼會讀，無校驗碼不讀。)</div><div>※ NOT transmit 不傳送</div><div>Transmit Check digit 傳送校驗字符</div><div>Transmit 傳送</div></div> <div>END 結束</div>
<div>START/STOP Transmission 起始/結束字符</div> <div>START 開始</div> <div><div>※ OFF 不傳送</div><div>START/STOP Transmission 傳送起始/結束字符</div><div>on 傳送</div></div> <div><div>※ ABCD/ABCD</div><div>Format of Start/Stop Transmission 起始 / 結束字符類型</div><div>abcd/abcd</div><div>abcd/tn*e</div></div> <div>END 結束</div>	<div>Matrix 2 of 5 Code START 開始</div> <div><div>※ NOT Verify Check digit 校驗關閉</div><div>Verify check digit 有/無 校驗碼 開啓 (有校驗碼會讀，無校驗碼不讀。)</div><div>※ NOT transmit 不傳送</div><div>Transmit Check digit 傳送校驗字符</div><div>Transmit 傳送</div></div> <div>END 結束</div>











UPC-A code、Code 93 code Parameters UPC-A碼、Code 93碼 -10

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

UPC-A Code	
example	
First Digit 第一碼	Check Digit 檢查碼
(just for example, not for set 本條碼僅供指定用，請勿列入設定)	
START 開始 	
※Transmitted 傳輸	not transmitted 不傳輸
First Digit 第一碼	
※ Transmitted 傳輸	not transmitted 不傳輸
Check Digit 檢查碼	
END 結束 	
Code 93 Code	
START 開始 	
Check Digit 傳送校驗字符	
※ NOT Transmitted不傳送	transmitted 傳送
	
END 結束 	

ChinaPostage Code Parameters CodeMark 中國郵政碼、條碼代碼 -11

If setting Bluetooth scanner, the scanner and Bluetooth device can NOT paired.
若是設定藍牙槍，都將在藍牙槍與手機/電腦的藍牙之間斷線的狀態下做設定。

ChinaPostage Code Parameters 中國郵政碼			
(©ChinaPostage出廠值為關閉，請設定將條碼開啓後在設定該參數)	START 開始 		
※ NOT Verify Check digit 校驗關閉 			
Verify check digit 有/無 校驗碼 開啓			
(有校驗碼會讀，無校驗碼不讀。)			
Transmit Check digit 傳送校驗碼			
※ NOT transmit 不傳送	Transmit 傳送		
			
END 結束 			
CodeMARK (Please see codemark at below Appendix 代碼索引請參考下方)			
START 開始 			
all CodeMark I.D. to default 顯示所有預設值代碼			
	※ CANCEL All codemark I.D 關閉所有設置代碼		
			
END 結束 			
CodeMark Appendix 代碼索引			
EAN - 13 is "A"	Code 4 is "E"	Code 128 is "I"	Matrix 2/5 is "M"
UPC - A is "B"	Code 11 is "F"	Codabar is "J"	China postage is "N"
EAN - 8 is "C"	Code 39 is "G"	Interleave 2/5 is "K"	Standard 2/5 is "S"
UPC - E is "D"	Code 93 is "H"	Industrial 2/5 is "L"	MSI/Plessey is "U"
設置完「所有代碼設為預設值後，掃描各個不同類型的條碼前面會出現各個對應的代碼：例如掃描到 EAN-13碼的條碼，掃出來的數據前面會多一個A。			

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

IMPORTANT NOTE: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

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.

FCC INFORMATION

The Federal Communication Commission Radio Frequency Interference Statement includes the following paragraph:

The 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 instruction, may cause harmful interference to radio communication. However, there is no grantee 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.

The user should not modify or change this equipment without written approval from Suntop Computer Systems Corp. Modification could void authority to use this equipment.