

2016/6/2







#### **Prepare**

- Install the driver
- Confirm that the device driver is successful
- **Software installation**
- ▶ 執行Chilitag\_demo





### **Prepare - Install the driver**





#### Step 1. Install PL2303-Driver\_Chilitag\_1112\_20150715

					x
	windows   NFC Reader SDK_20151116   Driver	<b>-</b> 4 <sub>7</sub>	搜尋 Driver		<b>P</b>
組合管理 ▼ 共用對象	▼ 燒錄 新增資料夾				0
⊿☆ 我的最愛	名稱	修改日期	類型	大小	
📜 下載	🔄 PL2303-Driver_Chilitag_1112_20150715.exe	2015/7/15 下午 0	應用程式	6,130 KB	
■ 桌面					
💹 最近的位置 <u> </u> Google 雲端硬發					

### Driver path: Driver\PL2303-Driver\_Chilitag\_1112\_20150715.exe



# Prepare - Confirm that the device driver is successful





### **Step 1. Hardware connected to USB**



#### - LED Lighting





### **Step 2. Console**







### **Step 3. Device manager**

		l	- <b>D</b> X
	和音效 🕨	✓ 4→ 搜尋控制台	٩
檔案(E) 編輯(E) 檢視(V) 工員	【① 説明( <u>H</u> )		
控制台首頁 系統及安全性 網路和網際網路 • 硬體和音效	<ul> <li>装置和印表機</li> <li>新増装置   新増印表機   湧</li> <li>● 動播放</li> <li>● 載金</li> </ul>	鼠 👰 裝置管理員 自動播放 CD 或其他媒體	
程式集 使用者帳戶和家庭安全	第二日 調整系統音量   變更系統音效	2   管理音訊裝置	
外觀及個人化 時鐘、語言和區域 <sup>輕戰左取</sup>	☞ 定方 建原 建 項 建 更 省 電設定 │ 差 更 電 源 按 鉛 選擇 電 源 計 劃	田行為   喚醒電腦時必須輸入密碼   變更電腦證	眠的時間
*TW712.4Y	展示 讓文字和其他項目變大或變小 如何修正監視器閃爍 (重新整理	│ 調整螢幕解析度 │ 連線到外部顯示器 │ 的頻率)	
	AIDA64 Extreme Edition	on	

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### **Step 4.COM and LPT**



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### **Step 5. Confirm name**



### Name : Chilitag USB-to-Serial Comm Port





### **Software installation**





### **Step 1. Software installation**

	1						x
	< windows	<ul> <li>NFC Reader SDK_20151116</li> </ul>	<ul> <li>Demo_Appl</li> </ul>	ication	▼ 🍫 / 搜尋 Demo_	Application	٩
組合管理 ▼	共用對象	▼ 燒錄 新增資料夾					0
🗙 我的最愛	<b>*</b>	名稱		修改日期	類型	大小	
🕠 下載		🛃 Chilitag NFC_install.msi	2	2015/11/16 下午 2015/11/16 下午	Windows Installe 應用程式	6,283 KB 426 KB	





## Step 2. Install the necessary components (Network)

⑦ Chilitag demo 安裝 您的電腦上將會安裝下列元件:	
Visual C++ 2010 執行階段程式庫 (x86)	
要安装這些元件嗎?	
如果選擇 [取消],安裝將會結束。	
安裝U 取消C	
	👸 Chilitag demo 安裝
	正在下載必要的檔案
	▶ 正在下載第1個檔案(共1個) 取消C





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### **Step 3. Installation(1)**

🖞 Chilitag demo	
歡迎使用 Chilitag demo 安裝精靈	
安裝程式將在安裝過程中引導您在電腦上安裝 Chilitag demo。	H Chilitag demo
	選擇安裝資料夾
	安裝程式將安裝 Chilitag demo 至下列資料夾。 若要在此資料夾中安裝,請按 [下一步]。若要安裝至不同的資料夾,請在下列方塊輸入資 料夾位置或按 [瀏覽]。
警告: 本電腦程式者作受者作權法及國際公約之保護。未經授權還自複製或敵种本電腦程式著作之全部或部分,將導致嚴厲的民事和刑事處分,且將被依法提起最大範圍的追訴。	资料项图: C:\Program Files (x86)\Chilitag\Chilitag demo\ 2 瀏覽(R)
取消 <上一步图 下一步(M) >	▲您自己或此電腦的所有使用者安裝 Chilitag demo:
	取消 く上一步 (3) トー步 (3) >

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### **Step 3. Installation(2)**

		波 Chilitag demo	
		安裝完成	5
		Chilitag demo 已經成功安裝。 請按 [關閉] 結束安裝程式。	
	正任女装 Unilitizg demo		
岁 Chilitag demo	正工文表 Guinag denio 。 請稅候		6
確認安裝		請使用 Windows Update 來檢查是否有 .NET Framework 的重大更新。	
安裝程式已經準備好在您的電腦上安裝 Chilitag demo。 读读 IT———————————————————————————————————		取消 《上一步图	關閉(C)
EN1X [ 1 <sup></sup> 2 <sup>-</sup> ]  #JXEX ₹₹ *			
	取消(<上一步国)(下一步	<u>(1)</u> >	
	5		
取消 <上一步 B [	(○) (○) (○) (○) (○) (○) (○) (○) (○) (○)		





### Run Chilitag\_demo





### Step 1. Chilitag\_demo







### Step 2. Main program screen

Chilitag Reader(Version 1.0.0) API:1.0.0	
Communications       Device detection         Com Port :       Current local role:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type:         Image: Communication of the second device type:       Image: Communication of the second device type: <td>Chilitag 齊 耀 科 技</td>	Chilitag 齊 耀 科 技
Config       R/W NFC       R/W Mifare Std       Action         Mode       ISO 14443A       Image: Action and the state of th	
COPYRIGHT © 2014 CHILITAG TE	CHNOLOGY LTD.





### Step 3.Run Chilitag\_demo

Chilitag Reader(Version 1.0	.0) API:1.0.0	
Communications Device Com Port : COM7	detection       local role:     R/W       Detected device type:       Run       Detected device ID:	
Read/Write Mode ISO 14443A ISO 14443A ISO 16 Felica Configuration Check NFC Start Stop	Action R/W: NFC Auto Read R/W: Mifare Std R/W: Mifare Ultralight R/W: Mifare Ultralight Read All Memory	
		COPYRIGHT @ 2014 CHILITAG TECHNOLOGY LTD.





### **Step 4.Read NXP MIFARE S50**

Chilitag Reader(Version 1.0.0) API:1.0.0		1000	eta da perso	the second second	
Communications     Device detection       Com Port :     Current local role:       COM7     Status:Read OK	Detected device type: Mifare S Detected device ID: AC:B9:1	Standard 1K(S503yX) AE:96	r	NXP	
Config R/W NFC R/W Mifare Std R/W Mifare Ultralight					
Memory Block: 0 v [00] Sector: 0 Block offset: 0	Authentication Key:	🖲 Key A 🔘 Key B	Write Write data:		Write
Read           Sector 0 (0×00)           [00] AC B9 AE 96 2D 88 04 00 46 65 55 13           [01] 00 00 00 00 00 00 00 00 00 00 00 00           [02] 00 00 00 00 00 00 00 00 00 00 00 00           [03] FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:FF:	55 10 05 08 (Manufacture 0 00 00 00    0 00 00 00    F:FF:FF:FF (Key A, Access 0 00 00 00    0 00 00 00    0 00 00 00    F:FF:FF:FF (Key A, Access 0 00 00 00    0 00 00 00	er) s, Key B) s, Key B)			ntrol

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### **Step 5.Read NXP Ultralight**

Chilitag Reader(Version 1.0.0) API:1.0.0	Constant of the local division of the local	A REAL CONTRACTOR OF A	
Communications     Device detection       Com Port :     Current local role:       COM7     Status:Read OK	Detected device type: Mifare Ultralight Detected device ID: 04:33:A7:69:6F:02:80	NXP	Chilitag 齊 耀 科 技
Config R/W NFC R/W Mifare Std R/W Mifare Ultralight			
Memory Block: 0 v [00]		Write Write data:	Write
Read         [00] 04:33:A7 18 (UID0-UID2, BCC0)         [01] 69:6F:02:80 (UID3-UID6)         [02] 84 48 00 00 (BCC1, INT, LOCK0-LOCK1)         [03] 00:00:000 (OTP0-OTP3)         [04] FF FF FF FF []         [05] 00 00 00 00 []         [06] 00 00 00 00 []         [07] 00 00 00 00 []         [08] 00 00 00 00 []         [09] 00 00 00 00 []         [08] 00 00 00 00 []         [09] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []         [00] 00 00 00 00 []			Control

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