



快速入門指南

「ACS-11-MF-TC」產品內容清單

產品包裝內含下列項目:

- 1 × ACS-11-MF-TC 模組
- 1 × 快速入門指南
- 1 × 工具軟體 CD
- 連接線(CA-010 x1、CA-011 x1、CA-012 x2、CA-013 x1、CA-014 x1)

備註:

打開產品包裝後,請核對上列項目,若有缺少或損壞,請洽詢當地經銷商, 請保留原產品包裝盒與內含物以便於日後寄送。

) 接線腳位配置

表 1: 連接器腳位配置

連	接器類型			Ę	卻位	配置				描述			
CN1	<u>م</u>		Gì	ND			VI	DC		電源 (+10V~+30 VDC)			
CN2	L <u>p</u>	DI0	G	DI1	G	DI2	G	DI3	G	DI0(門位偵測) DI1(電子鎖觸發) DI2/3(無使用) (數位輸入,乾接點)			
CN3	F- T	C	ОМ		N	0		NC		防拆機偵測 (繼電器輸出)			
CN4	E-J				N CC N	C DM O				電子門鎖控制 (繼電器輸出)			
CN5	FJ				N CC N	C DM O				門位異常警告 (繼電器輸出)			
CN6	F '1	CAN	_L	CAN	_H	D+	-	D-		CAN/RS-485 (通訊介面)			



▶ 硬體安裝



圖 1: 連線架構

Input Type	ON	OFF
Relay Contact (Dry)	Relay □⊖ DIx Close □→ □⊖ GND	Relay Open → ⊕ DIx GND
Open Collector (Dry)	ON -⊑↓1 ⊕ DIx GND	OFF└J× □⊖ DIx □⊖ GND
Output Type	Relay ON	Relay OFF
FormC	Load1 AC/DC → × Load2 Load2 AC/DC → NOx COMx NCx	AC/DC × Load2 COMx Load2 NCx
	回合比公园	

● 軟體安裝

使用前請先完成相關軟體配置,步驟如下說明:

步驟 1: 安裝與設置 MySQL 操作環境

01. 請參考下面連結下載 XAMPP 安裝檔並安裝在電腦上. XAMPP 是一個易於安裝 的 Apache 完整安裝發佈套件,其包含 MySQL, PHP.

http://sourceforge.net/projects/xampp/files/XAMPP%20Windows/ 注意事項. Windows XP 或 Windows 2003: 請安裝 XAMPP 1.8.2 版,包括 PHP 5.4 版本或更早 版本.

主要安裝項目:

- a. Apache web server
- b. MySQL database
- c. PHPMyAdmin web database management program

02. 選擇安裝項目

😂 Setup	
Select Components	នេ
Select the components you want to install; clear th when you are ready to continue.	e components you do not want to install. Click Next
Server Apache MySQL MySQL FileZilla FTP Server Mercury Mail Server Tomcat Program Languages V PHP Perl Perl PhpMyAdmin Webalizer Fake Sendmail	
araan i magaagi	< Back Next > Cancel
回 0.	吧理西日

圖 3: 選擇項目

03. 完成 XAMPP 設定與安裝

😂 Setup	
	Completing the XAMPP Setup Wizard Setup has finished installing XAMPP on your computer.
bitnami	< Back Finish Cancel
回 4	
」 	: 元成 XAIVIPP 安装

04. 啟動 XAMPP 控制面板和開始 Apache 和 MySQL 服務

05. 進入 MySQL 管理環境

XAMPP Control Panel v3.2.1 [Compiled: May 7th 2013]		🔀 XAMPP Control Panel v3.2.1 [Compiled: May 7th 2013]	
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FileZilla Start Admin Config	Logs 📝 Services	FileZilla Start Admin Config Logs	👳 Services
Mercury Start Admin Config	Logs 🛛 🙆 Help	Mercury Start Admin Config Logs	😣 Help
Tomcat Start Admin Config	Logs Quit	Tomcat Start Admin Config Logs	📃 Quit
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	Apache 和 M	NySQL 服務	

06.導入門禁系統資料庫檔案 - acs.sql



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步驟 2: 電腦網路設定

01. 網路配置和連線

a. 輸入 IP 地址為"192.168.0.x",其中"x"可設定 1 和 254 之間的數字(1 請保留 給讀卡機使用),子網路遮罩為 "255.255.0.0"。最後,按"確定"按鈕。



圖 8: IP 地址配置界面

b. 建立 PC 與 ACS-11-MF-TC 之間的網路連線

步驟 3: 安裝門禁控制通信程序





步驟 4: 資料庫中配置 Mifare 卡 UID

01. 啟動資料庫通訊程式(RFIDCardReader_DB.exe)

a. 填寫並新增 ACS-11-MF-TC 的 IP 地址: 192.168.0.1



圖 12: 資料庫新增 192.168.0.1 IP 地址成功畫面

- a. 選擇 ACS-11-MF-TC IP 地址: 192.168.0.1
- b. 填寫卡片 UID: 2632528336(範例)
- C. 填寫語音號碼: 0(語音號碼:0~39)
- d.填寫樓層控制選擇: 111111111111111(16 樓………1 樓),若不需要 則都填零
- e. 新增/修改 UID

UID and Access		
Select a reader 192.168.0.1 a		
Card UID	e	
2632528336 D	Modify UID Delete UID	
Set reader password	Modify PIND Delete PIND	<u> </u>
	MoulyI wD Delete I wD	查無資料,用新增方式增加一筆資料
Music Access		「藤宇」
0 111111111111111		HEAC
c d	圖 13: 新增卡號操作畫	面

f.自動添加卡片 UID 到資料庫

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php <mark>MyAdmin</mark> 샵 때 때 때 #	phpMyAdmin Server: 127.0.0.1 * @ Database: acs * III Table: tb_readercard Image: Comparison of the physical server in the phys								~					
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圖 14: 資料庫新增卡片 UID 成功畫面

02. 啟動門禁控制通訊程式(RFIDCardReader.exe)

a1.程序將自動添加卡片 UID 到 ACS-11-MF-TC

Second Se	
系統 關於	
2015/12/30 10:48:02:新增卡片 2632528336 到讀卡機 192.168.110.1 成功。	

圖 15: ACS-11-MF-TC 新增卡片 UID 成功畫面

- a2. 請將 Mifare 卡靠近 ACS-11-MF-TC 感應區
- a3. ACS-11-MF-TC 將讀取卡片的 UID,並經由門禁控制通信程式將 UID 寫入資 料庫
- a4. 由於卡片 UID 經過授權,因此 ACS-11-MF-TC 將開啟控制電子門鎖的繼電器 (CN4)並播放指定語音內容

S ACS Exchange ¥1.0.6.0 2015/12/28 14:40	🔀
系統 關於	
2015/12/30 10:48:02:新增卡片 2632528336 到請卡穩 192.168.110.1 成功。	
2015/12/30 10:56:40:從讀卡機 192.168.110.1 讀取 UID=2632528336 資料已儲存。[通行]	
圖 16: 讀取卡片 UID 成功畫面	

⊕rs tb_openrecord	+ Options	3																		
no moth reader	PName	PSex	Phone1	Phone2	HSNo	CardSNo	CardUID	CardType	CardUser	CardSet	ReaderSNo	ReaderNum	ReaderIP	ReaderName	Location	RFTime	RFState	ExtraState	GET_YN	GE
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圖 17: 資料庫儲存卡片通行紀錄成功畫面

Get Record CardUID=2632528336,RFState=1,RFTime=2015-12-30 10:56:33
圖 18: 資料庫通訊程式顯示卡片通行紀錄畫面

項目 問題描述 解決方法 電源故障 1. 請送回泓格進行檢查和維修 1 (PWR LED Off) 1. 請確卡片支持 Mifare S50 標準(ISO 14443-A) 卡無法讀取與使用 2 2. 不支持 EM 和 HID 卡 1. 進入預設 IP 操作模式 步驟1.按住1號鍵 步驟 2. 重啟 ACS-11-MF-TC 電源 步驟3. 然後 PWR LED 閃爍,此時 IP 地址為 "192.168.0.1" 步驟 4. 進入設置頁面,查看目前設定的 IP 地址 ← → C 🗋 192.168.0.1 **ICP DAS Access Ca** IP Config 如何找出 ACS-11-MF-TC 的 IP 192 3 地址? 2. 使用 eSearch 應用程式 步驟 1. 執行 eSearch.exe 步驟 2. 按"Search Servers"按鈕, 然後找出 IP 地 址 🛿 eSearch Utility [v1.1.7, Mar.30, 2015] File Server Tools MAC A Name IP Address Sub-net Mask Gateway Alias tET-P2R2 EtherIO ACS-11-MF 192.168.11.1255.255.0.0192.168.100.100255.255.0.0 192.168.0.2 192.168.0.254 00:0d: 00:0d ACS-11-MF > Configuration (UDP) Search Servers Web Exit

疑難排解

● 技術支援

若有任何ACS系列產品使用上的問題,歡迎與**泓格科技**聯絡 Email: service@icpdas.com