

- AC1082 can work following readers

• AC1082+ACW1012+L type series Reader

• AC1082+ACW1012+T2 or Wiegand Reader
- AC1082可搭配的讀卡機如下:

• AC1082+L型讀卡機

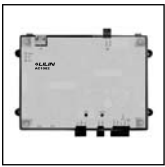
• AC1082+ACW1012+T2或Wiegand讀卡機

1

Package Contents / 包裝內容

Kindly ensure the product's contents upon unpacking; please refer to this quick start guide regarding the product 's specifications and important notices.

打開包裝確認產品包裝內容，並請詳細閱讀此手冊，認識產品規格特性與注意事項。



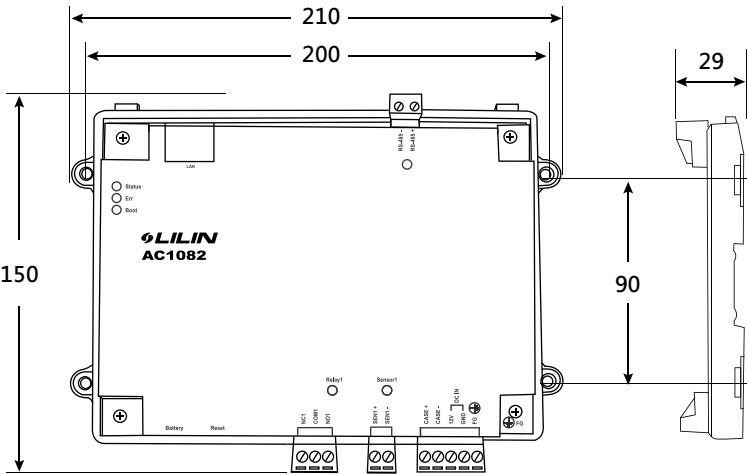
Controller x 1
主機



Installation Guide x 1
快速安裝手冊

2

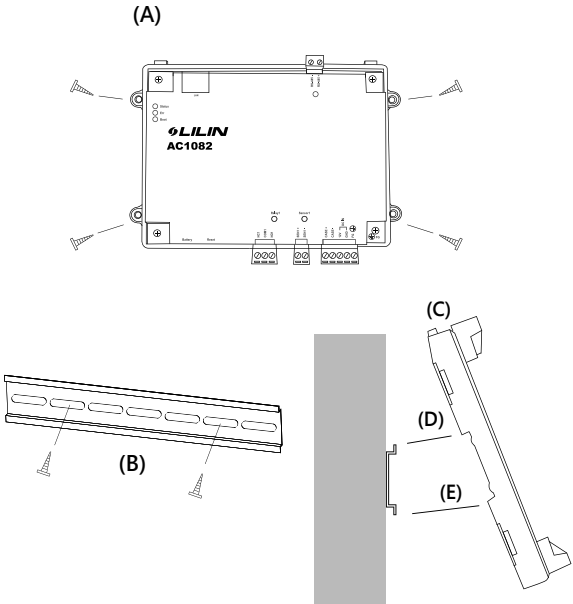
Physical Dimension / 外觀尺寸



Scale:mm

3

Installation / 安裝



There are two installation ways:
(A). 1. Install the control panel on the wall or suitable locations with screws.
2. Install the control panel on the metal rail.
(B). Fix metal rail on the wall with screws.
(Optional)
(C). Press the orange button on top of contol panel
• Please remove the plastic cover of battery.

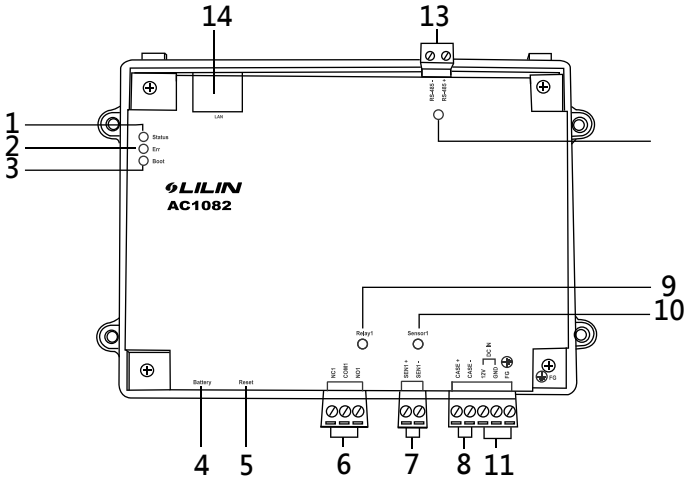
安裝方法有二種如下:
(A). 1.使用螺絲將主機固定在牆上或其他位置。
2.不使用上述方法,可使用滑軌方式。
(B). 以螺絲固定滑軌(選配)。
(C). 壓下二邊的凸起的卡榫裝置
(D)(E).將主機對準滑軌扣上。

- 使用前請將電池的塑膠墊片拿掉。

LILIN

AC1082
TCP/IP Multi Door Control panel

Installation Guide
快速安裝手冊
Ver. 1.2



• Description

1	Status LED	Communication indicator. Flash green light upon normal communication.
2	Err LED	When flashes green light,this LED only indicates communication status.
3	Boot LED	LED is light after system boots up.
4	Battery	Please remove the plastic cover of battery.
5	Reset Button	Restarts device
6	NC1 COM1 NO1	Relay 1: Three contacts. COM1 is common contact. NC1 means Normal Close. NO1 is Normal Open.
7	SEN1+ SEN1-	Sensor 1: Input contact. With external trigger for fire gear used. Sensor 1+ for Positive. Sensor 1 - for Negative.
8	CASE+ CASE-	Case Sensor input: For outside box detected.
9	Relay 1 LED	Relay 1 status LED
10	Sensor1 LED	When Sensor 1 receive signal, LED will on.
11	12V GND FG	DC +12V input Ground Frame Ground
12	RS-485 Communication LED	RS-485 communication LED with slave device. Red LED turns on upon data transmission and green LED upon data reception. Regular flashing between red and green LED indicates normal operation.
13	RS-485+ RS-485-	RS-485+ to Reader RS-485- to Reader
14	TCP/IP	RJ-45 Network Connector

• 外觀說明

1	Status 燈	網路通訊燈，正常狀態時，綠燈閃爍。
2	Err 燈	網路流量狀態燈，正常狀態時，綠燈閃爍。
3	Boot 燈	開機完成時，亮黃燈顯示。
4	Battery	使用前請將電池的塑膠墊片拿掉。
5	Reset 按鈕	重置鈕。
6	NC1 COM1 NO1	Relay 1：有三個接點,COM1為共通點,NC1為常態導通點,NO1為常態斷開點。
7	SEN1+ SEN1-	Sensor 1：可做為消防連動,需外加電源,“ Sen1 +” 接正端,“ Sen1 -” 接負端。
8	CASE+ CASE-	Case Sensor：提供外加箱體使用於偵測箱門是否打開或關閉。
9	Relay 1 燈	繼電器 1 之狀態燈。
10	Sensor1 燈	當 Sensor 1 有信號時燈會亮。
11	12V GND FG	DC +12V輸入 接地 大地端
12	RS-485 Communication 燈	RS-485 通訊燈,正常為紅綠燈閃爍,紅燈表示主機對讀卡機傳送訊息,綠燈表示讀卡機有回傳。
13	RS-485+ RS-485-	讀卡機RS-485+ 讀卡機RS-485-
14	TCP/IP	RJ-45連接上層電腦

One Year Limited Warranty / 產品保固證明書

We warrants this product against defect in material or workmanship for 1 year from the date of purchase. If such a defect is discovered within this warranty limitation, contact your direct vendor for repair or replacement of your unit.

When returning the product, you must ship the product in its original packaging or packaging that gives an equal degree of protection. This warranty becomes invalid if the factory-supplied serial number has been removed or altered on the product.

This warranty does not cover cosmetic damage or damage due to acts of God, accident, misuse, abuse, negligence or modification of any part of the product. This warranty does not cover damage due to improper operation or maintenance, connection to improper equipment, or attempted repair by anyone other than We.

In no event shall We liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential, damages resulting from the use of the product the product, its accompanying software, or it's documentation. We makes no warranty or representation expressed, implied, or statutory, with respect to its products,contents of use of this documentation and all accompanying software, and specially disclaims its quality, performance, merchantability or fitness for any particular purpose. We reserves the right to revise or update its product, software or documentation without obligation to notify any individual or entity.

我們保固此產品於購買日起一年之內因為材料上或是生產製造中所產生的缺陷，所造成的外觀上，或是功能上的缺陷及故障問題，若您是在此保固期限之內發現此類問題，請聯絡本公司的服務人員，退回此產品，我們將替您免費維修或是更換產品。

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本公司保留權利修正或者不斷改進它的產品，軟件或者文檔編製無義務通知任何個人或者購買者。

Model/ 型號	Serial no. / 序號	Date of Purchase/ 購買日期	Reseller stamp/經銷商

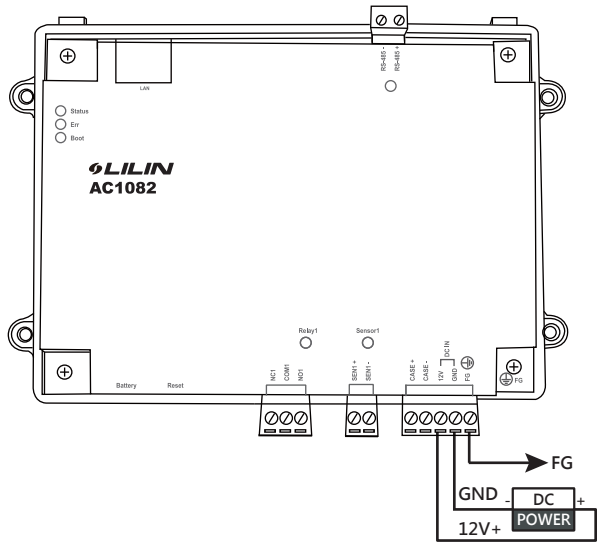
Warranty will be valid only after filling out this form and stamped or signed by reseller!
此保固書必須填妥各項內容,並且蓋有經銷商印鑑始為有效.

外觀說明

1	Status 燈	網路通訊燈，正常狀態時，綠燈閃爍。
2	Err 燈	網路流量狀態燈，正常狀態時，綠燈閃爍。
3	Boot 燈	開機完成時，亮黃燈顯示。
4	Battery	使用前請將電池的塑膠墊片拿掉。
5	Reset 按鈕	重置鈕。
6	NC1 COM1 NO1	Relay 1：有三個接點,COM1為共通點,NC1為常態導通點,NO1為常態斷開點。
7	SEN1+ SEN1-	Sensor 1：可做為消防連動,需外加電源," Sen1 +" 接正端," Sen1 -" 接負端。
8	CASE+ CASE-	Case Sensor：提供外加箱體使用於偵測箱門是否打開或關閉。
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13	RS-485+ RS-485-	讀卡機RS-485+ 讀卡機RS-485-
14	TCP/IP	RJ-45連接上層電腦

4 Wiring Connections / 接線

Step 1 Power Connections / 電源接線



1. Kindly connect DC +12V direct current to the "12V" pin connector of RAC-2400N.

2. Kindly connect DC -12V direct current to the "GND" pin connector of RAC-2400N.

3. Kindly connect the FG pin connector of RAC-2400N to frame ground.

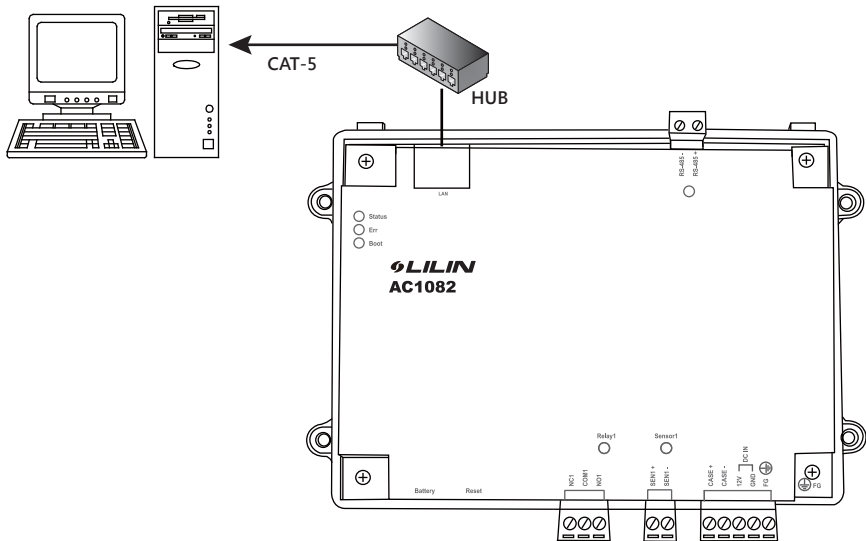
4. In order to avoid eletromagnetic interference, kindly connect the FG frame ground to the Metal Chassis or with the DC Power Supply's FG contact.
1. 請將直流電壓 12 伏特的正端接到 AC1082 “12V” 的端子。

2. 請將直流電壓 12 伏特的負端接到 AC1082 “GND” 端子。

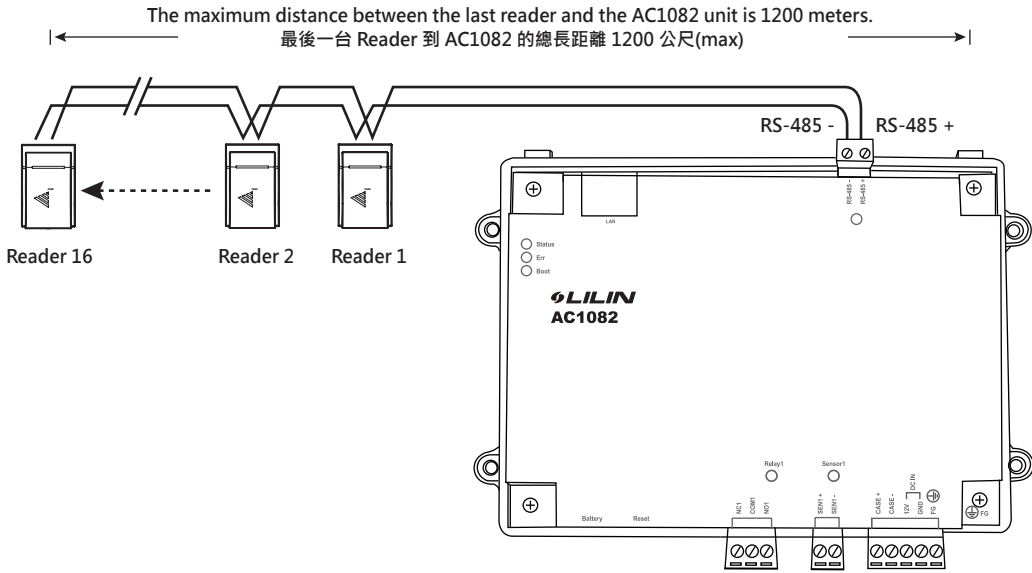
3. 請將 AC1082 FG 端子接引到大地端。

4. 為確保不被電磁干擾，請確實將FG接於金屬機殼(Chassis)或DC電源供應器的FG接點。

Step 2 Communication / 通訊接線



When using TCP/IP communication between AC1082 and PC, kindly refer to above wiring diagram. AC1082與電腦使用網路通訊傳輸,以依照上圖做接線。



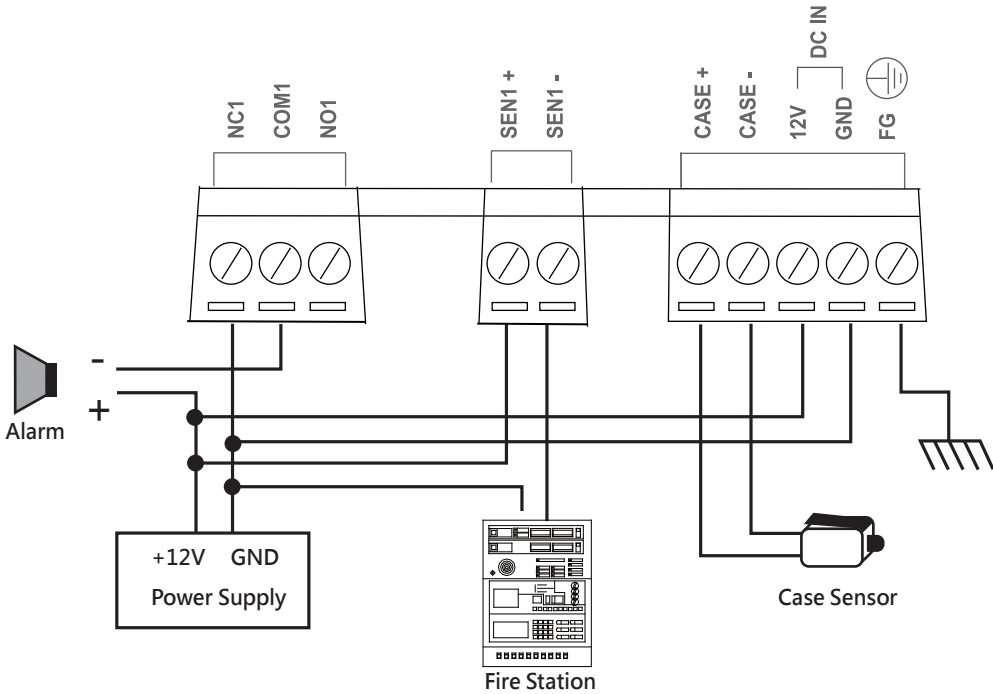
Reader ID Setting/讀卡機 ID 設定/讀卡機 ID 設定

AC1082 4	Reader ID : 0~3
AC1082 8	Reader ID : 0~7
AC1082 16	Reader ID : 0~15

Make sure you have proper connections for RS-485+ and RS-485-. Failure to do so might lead to communication failure of device or it might damage the communication interface.

連接下層裝置RS-485+、RS485- 請勿接反，以免造成與底層裝置無法通訊或造成通訊介面燒毀。

Step 3 Others / 其他



AC1082 provides 2 sets of Sensor Input and 1 sets of Relay Output. Ignore connection under normal usage. However, if you are to connect sensor and relays with AC1082, a separate power supply is needed. Kindly refer to the wiring diagram above.

Case Sensor detects whether the controller's enclosure is open or not.

Sensor 1 can be connected With external trigger for fire gear used, like push button (a separate power supply is needed.). "Sen1+" connects positive electric current while "Sen1-" connects negative electric current.

Relay 1 has 3 contact points, namely COM1 (common contact), NC1 (Normally Closed) and

AC1082 提供2組Sensor偵測輸入點及1組Relay輸出點供應用，一般正常使用可以全部忽略不接；如有需要，請依照上圖接線。

Case Sensor：提供外加箱體使用於偵測箱門是否打開或關閉。

Sensor 1：可做為消防連動，需外加電源，“ Sen1 +” 接正端，“ Sen1 -” 接負端。

Relay 1：有三個接點，COM1為共通點，NC1為常態導通點，NO1為常態斷開點。