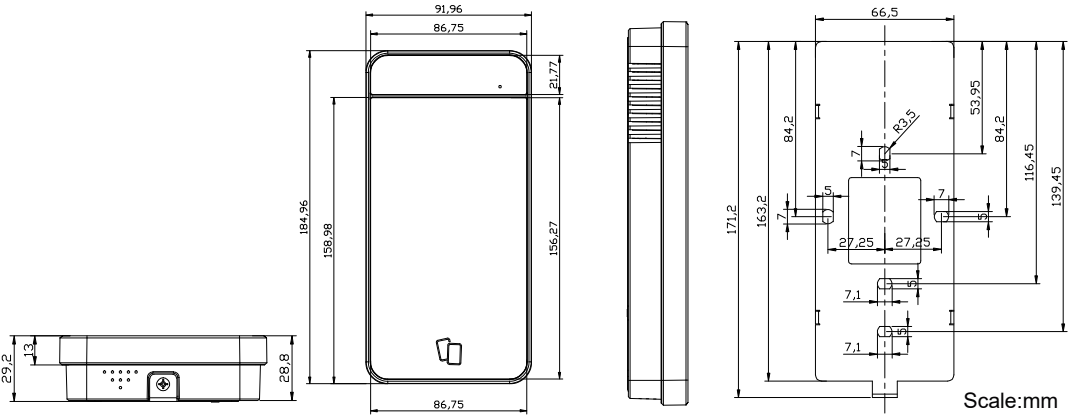


1 Package Contents 包裝內容

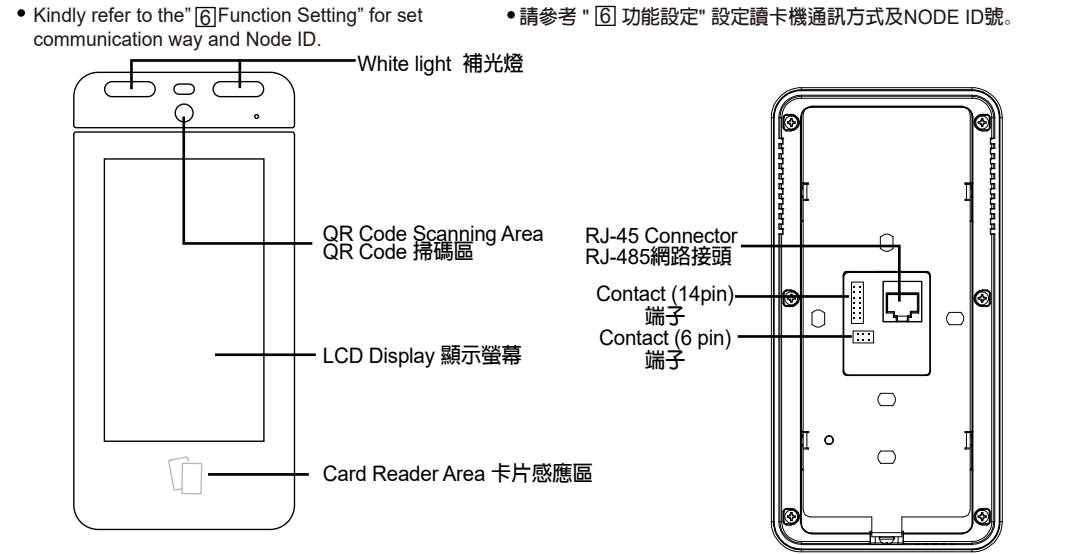
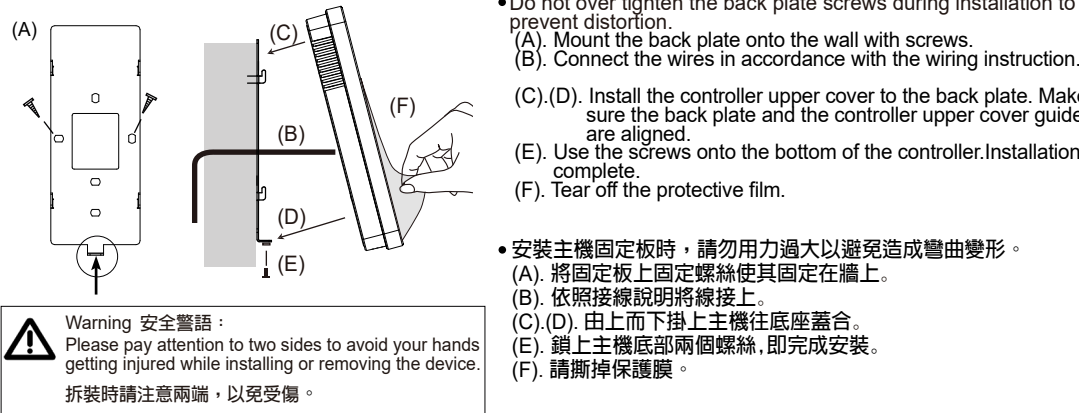
Kindly ensure the product's contents upon unpacking; please refer to this quick start guide regarding the product 's specifications and important notices.
打開包裝確認產品包裝內容,並請詳細閱讀此手冊,認識產品規格特性與注意事項。



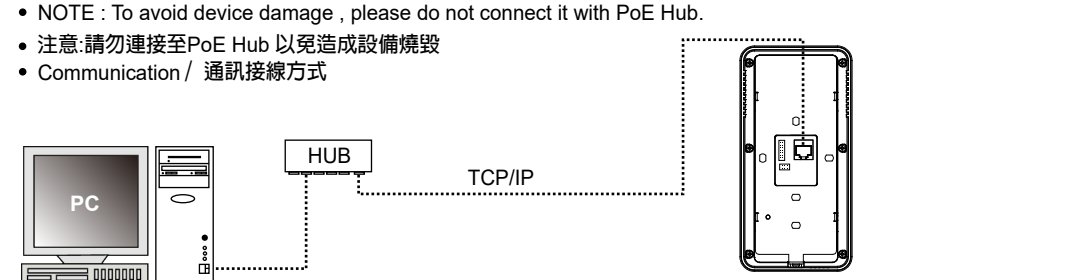
2 Physical Dimension 外觀尺寸



3 Installation 安裝



4 Wiring Connections 接線

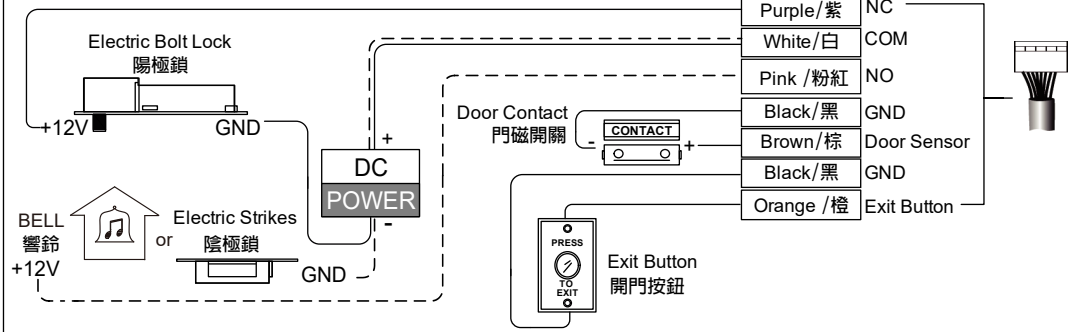


HUNDURE HUNDURE TECHNOLOGY CO., LTD.

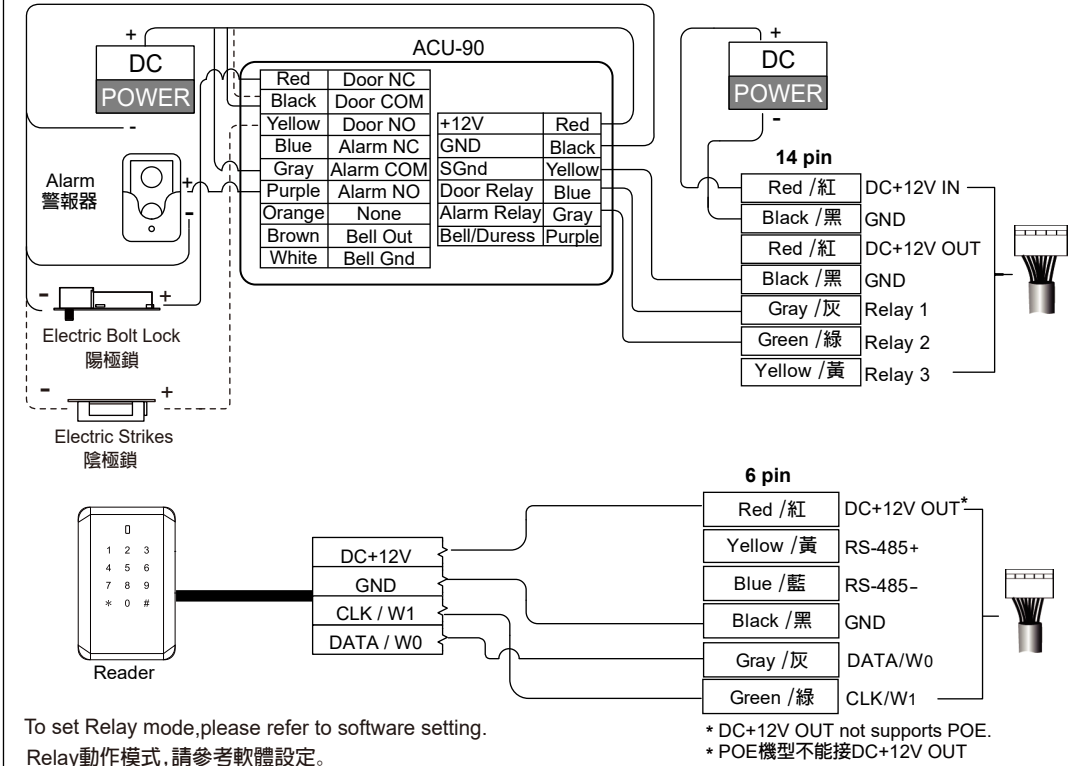
STANDALONE ACCESS CONTROLLER
HAC-990 SERIES

Quick Start Guide
快速安裝手冊
Ver. 2.0

- Pin Assignments / 輸入輸出端子
- Without ACU-90 for digital output / 無外接ACU-90



- With ACU-90 for digital output / 外接ACU-90



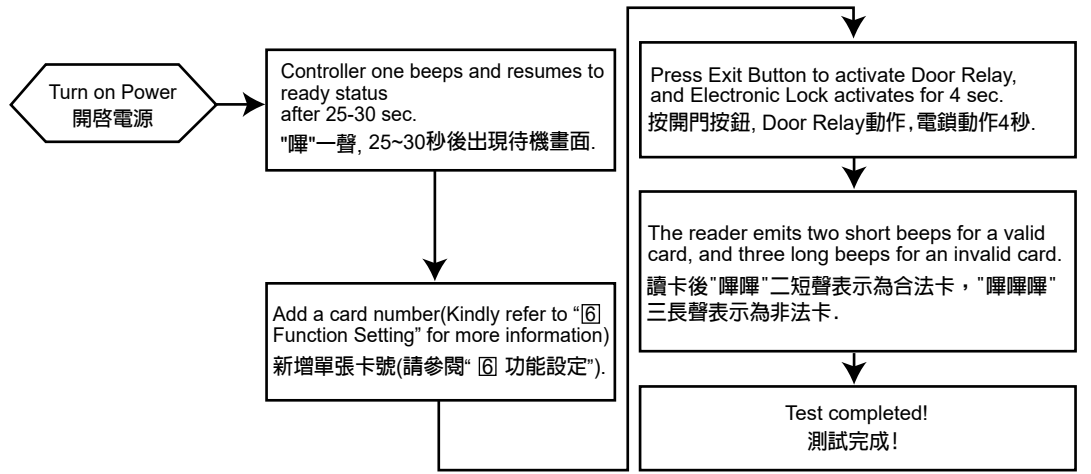
To set Relay mode,please refer to software setting.
Relay動作模式,請參考軟體設定。

Kindly use ACU-90 for digital output.
For connection with a terminal that releases door upon open circuit; for example: Electric Bolt Lock, please connect common contact and NC (normally closed) contact.
For connection with a terminal that releases door upon closed circuit; for example: Electric Strikes, kindly connect common contact and NO (normally open) contact.
Note: 1.The maximum voltage and contact rating of the relay is DC 12V/2A or DC 24V/1A. If you are to connect a terminal with alternating current, make sure to transfer a relay with higher power output.
2.To enhance security, kindly install the reader and the ACU-90 separately in different locations.

請搭配 ACU-90 使用。
使用斷電開門電鎖，如陽極電鎖，請接 COM 點及 NC 點。
使用通電開門電鎖，如陰極電鎖，請接 COM 點及 NO 點。
注意：1.RELAY最大承載電力請勿超過 DC 12V/2A 或 DC 24V/1A，如控制點設備為交流電源，請另行轉換大功率電驛(繼電器)。
2.為提高門禁的安全性，安裝讀卡機時須與ACU-90分開安裝在不同的位置。

5 Testing 測試

To avoid interference self-detection of sensitive touch keypad, please do not touch the keypad when input power.
觸摸按鍵機種安裝送電時,需注意勿碰觸到按鍵,以免按鍵誤動作。



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 qualti , 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。當您退回此產品時，請依照原始的包裝方式包裝此產品，或是給予同等級的包裝保護;若是我們收到此產品時，產品上沒有出廠時的序號標識，或是產品已經折開或與出廠時有任何不同，這個保固將變得無效。此保固不包含天然的，以及人為的破壞或改變，或是意外事故、不正常操作、誤用、濫用等外在因素所造成的損壞。此保固不包含不當的操作或保養，不當的連結至其他設備，或是由本公司以外的人員企圖修復此產品，起因於使用這種產品，在間接、特別、次要因素，或者隨之發生，造成伴隨著軟件或其它文檔的損害，本公司的責任在任何情況下都不得超過這產品的售價。關於產品的軟件和文檔編制的全部內容，本公司並沒有表示保證或法定它的性能、暢銷性、或者適用於任何特別的目的。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。

6 Function Settings 功能設定

- LCD Display / LCD畫面說明



- QR Code Steps / QR Code步驟

Please go to 【PLAY Store】，entering the"Hundure" in search box to get the App"mCard Access",and install it. After the installation, you can use the scanning function of APP to get a trial card number "1234567890" by scanning the QR code below. Please refer to the operating instructions on the App before use.

請至【PLAY商店】，輸入"Hundure搜尋，找到"mCard Access"並安裝。
安裝後可使用APP的掃描功能，掃描 QR Code取得試用版卡號"1234567890"
使用方式請參閱APP上的操作說明。



- QR Code
Apply to open door by cell phone/ 使用手機開門



- LCD Display / LCD畫面圖示說明

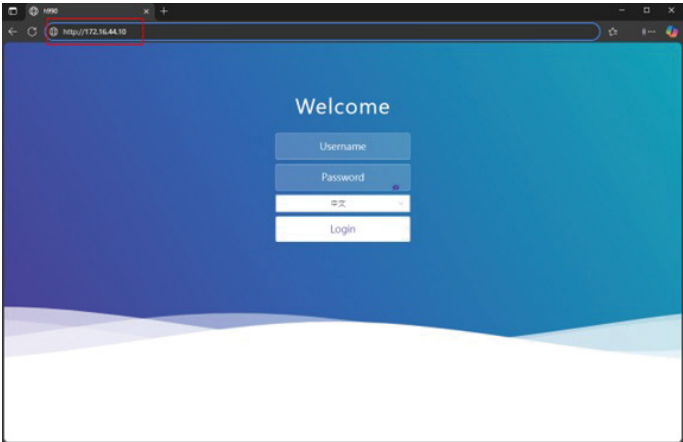
Function/ 功能	Description / 說明
T&A/ 考勤	Provide 32 shift group settings (please go to the website → Attendance section). 提供 32 組班別設定(請至網頁→考勤類)
Config/ 設定	Provide configuration settings for access control. 提供門禁參數設定
Input ID/輸入卡號	Allows manual entry of card numbers (function inactive when keypad is disabled). 手動輸入卡號(若按鍵功能關閉，此功能則無效)
Bell/ 門鈴	Bell/ 門鈴

- Before entering the config ,Please enter or scan the master card (default is 30191000).
進入設定之前，需輸入/感應母卡號碼(預設為30191000)
- User : Personnel can be added or deleted. (Import/export of personnel data is available via web interface.)
使用者：可新增或刪除人員。(透過網頁操作可匯入/匯出人員資料)
- Language : Provides options for English and Traditional Chinese.
語系：提供English、繁體中文選項。
- Parameter : Provides configuration options for various access control parameters.
參數設定：提供門禁參數設置。
 - Door Relay : After the door relay is activated, it will reset after the configured number of seconds.
開門時間：門繼電器動作後，會以設定的秒數復歸。
 - Alarm Relay/警報時間：
 - Toggle : Alarm relay, once triggered, requires a second trigger to reset.
警報動作後，需再觸發一次才會復歸。
 - Latch : Alarm relay, once triggered, requires a disarm code to reset.
警報動作後，需輸入解除碼才會復歸。
 - Pulse : The system will reset after the alarm action, based on the preset duration in seconds.
The time unit is 0.1 seconds, with a maximum value of 600 seconds (6000). (The duration must be set through the website)
警報動作後，會以設定的秒數復歸。時間單位為0.1秒，最大值為600秒(6000)。(秒數需透過網頁設定)
 - Door Sensor : The set time is to start detecting after the door opening time ends. The time unit is 0.1 seconds, with a maximum value of 600 seconds (6000).
門磁偵測：設定的時間是於開門時間結束後開始偵測。(時間單位為0.1秒，最大值為600秒(6000))
 - Report card check time : When a card is swiped twice within the set time, the second swipe will be considered invalid, not recorded, and will issue an error sound. Enter 0 to not check.
重複刷卡檢查時間：在設定的時間內，當重複刷同一張卡片，則第二次的刷卡視為無效不被記錄並發出錯誤聲響，輸入 0 表示不檢查。
 - Read interface/讀卡介面：
 - T2 : The reader supports T2 mode, and the system returns a 10-digit card number.
卡機支援T2模式，系統送回10碼卡號。
 - Wiegand 26(8) : The reader supports Wiegand 26 mode, and the system returns a 8-digit card number.
卡機支援Wiegand 26模式，系統送回8碼卡號。
 - Wiegand 26(10) : The reader supports Wiegand 26 mode. The system first reads back the 8-digit card number, automatically adds two 0 in front, and then sends out the 10-digit card number.
卡機支援Wiegand 26模式，系統先讀回8碼卡號，並自動在前面補兩個0，再送出10碼卡號。
 - Wiegand 34 : The reader supports Wiegand 34 mode, and the system returns 10 8-digit card number.
卡機支援Wiegand34模式，系統送回10碼卡號。
- Comm : Provide Set Auto IP (via DHCP) and Set Manual IP (user specifies a fixed IP)
通訊設定：提供自動取得IP(透過DHCP)及手動取得IP(使用者指定一個固定IP)。
 - IP Address : Input IP address. (Selecting Set Auto IP, no settings are required)
IP位址：使用者指定。(選擇自動取得IP則無需設定)
 - Sub Mask : The default is 255.255.0.0
子網路遮罩：出廠預設為255.255.0.0
 - Gateway : The default is 0.0.0.0
預設閘道：出廠預設為0.0.0.0
 - Port : Communication port, default: 4660 (Function Retention)
埠號：通訊連接埠，出廠預設為:4660。(功能保留)
 - DHCP : Automatic IP assignment. (No setup needed after startup.)
自動分配IP。(啟動後，上述參數無須設定)

Note: DHCP should assign a fixed IP to the device. 注意：DHCP 應分配給設備為固定的IP

In standalone operation mode, input the user-defined communication settings or the IP address assigned via DHCP into the browser at http://XXX.XXX.XXX.XXX/ (e.g. http://172.16.44.10/).
透過單機操作，將使用者自訂的通訊設定或透過DHCP方式給的IP位址，在瀏覽器網頁上面輸入 http://XXX.XXX.XXX.XXX/ (如範例: http://172.16.44.10/)。
Username and Password is required to input. (The default username is admin and the password is password).
需輸入Username及Password。(預設帳號為:admin；密碼為: password)

- Do not close network TCP port 5500:
To ensure proper connection between the webpage and the device, please keep TCP port 5500 open (both inbound and outbound traffic must be allowed).
- 請勿關閉網路TCP通訊埠5500:
為了網頁與設備之間能正常連線，請在開放 TCP 通訊埠5500（入站／出站皆需允許）。



- System : Configure device basic parameters.
系統設定：設定裝置基本參數。
 - Master Card/Code : Card number to enter primary device setup mode (default is 30191000).
管理母卡：進入設定模式之卡號(預設30191000)。
 - Disarm Card/Code : Disarm the alarm triggered by a duress code. The default value is 0000.
解除卡號：解除因脅迫碼觸發及外力破壞的警報，預設值為0000。
 - Duress Card/Code : The alarm will be triggered by a duress code. The duress code can be customized.
脅迫卡號：輸入脅迫碼會觸發及外力破壞的警報，脅迫碼自訂。
 - Date : User-defined
日期：使用者自訂
 - Time : User-defined
時間：使用者自訂
 - Keypad : If disabled, the card number input function will not be available.
按鍵：選擇關閉，則輸入卡號功能無法使用。
 - Volume : The volume can be adjusted to disable, Low, middle, or loudly.
音量：關閉、小、中、大聲。
 - Reset : Allows deletion of all card swipe records and restoration to default settings.
重置選項：提供刪除全部刷卡紀錄及恢復到初始值

Info : Shows the current standalone device version, total valid card entries, and swipe record count.
主機訊息：顯示目前單機裝置的版本、現有合法卡筆數、現有刷卡紀錄筆數。