1 Package Contents /包装内容/ 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.
the items described below are the standard packaging.

打开包装确认产品包装内容,并请详细阅读此手册,认识产品规格特性与注意事项。
产品包装内容与数量依产品别而略有不同,实际内容以产品包装物为准。

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。
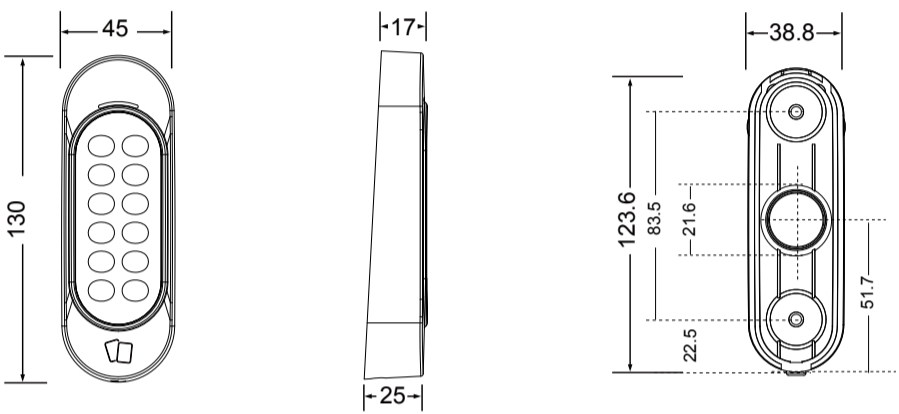產品包裝內容與數量依產品別而略有不同,實際內容以產品包裝物為準。
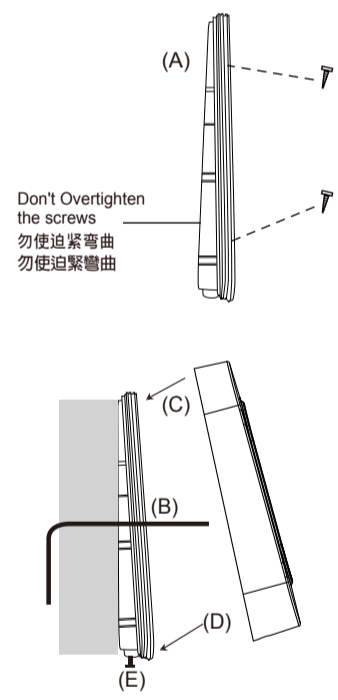
Reader x 1
读卡机
讀卡機

Quick Start Guide x 1
快速安装手册
快速安裝手冊

Screw x 3 Cable x 1 Hex Key wrench x 1
螺丝/传输线/六角扳手
螺絲/傳輸線/六角扳手

2 Physical Dimension /外观尺寸/ 外觀尺寸

45
17
38.8
130
123.6
83.5
21.6
51.7
25
22.5

Scale:mm

3 Installation /安装/ 安裝

(A)

Don't Overtighten the screws
勿使迫緊彎曲
勿使迫緊彎曲

(C)
(B)
(D)
(E)
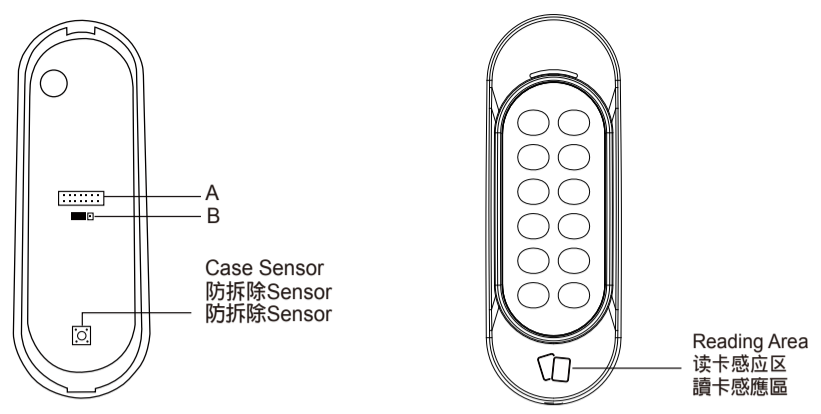
- Do not over tighten the back base screws during installation to prevent distortion.
  (A). Mount the back base onto the wall or other desired location.
  (B). Connect the wires in accordance with the wiring instruction below.
  (C). Make sure the back base and the reader upper cover guides are aligned.
  (D). Install the reader upper cover to the back base.
  (E). Fasten the screw onto the bottom of the reader.

- 安装读卡机底座时,请勿用力过大以避免造成弯曲变形。
  (A). 将读卡机底座固定在墙上或其他位置。
  (B). 依照接线说明将线接上,并将各接线端子插上。
  (C). 读卡机上方对准底座卡榫。
  (D). 将读卡机往底座方向盖合。
  (E). 将螺丝由下方底部密合锁上。

- 安裝讀卡機底座時,請勿用力過大以避免造成彎曲變形。
  (A). 將讀卡機底座固定在牆上或其他位置。
  (B). 依照接線說明將線接上,並將各接線端子插上。
  (C). 讀卡機上方對準底座卡榫。
  (D). 將讀卡機往底座方向蓋合。
  (E). 將螺絲由下方底部密合鎖上。

4 Wiring Connections /接线/ 接線

A
B

Case Sensor
防拆除Sensor
防拆除Sensor

Reading Area
读卡感应区
讀卡感應區

Pin	Color	Wiegand	RS-485
1	Red/红/紅	DC+12V IN	DC+12V IN
2	Black/黑/黑	Ground	Ground
3	Yellow/黄/黃	-	RS-485+
4	Blue/蓝/藍	-	RS-485-
5	Gray/灰/灰	-	Input 2 (Push Button)
6	Pink/粉红/粉紅	-	Relay +
7	Orange & White 橙白/橙白	-	Relay -
8	Orange/橙/橙	-	Input 1 (Door Sensor)
9	Brown/棕/棕	Green LED Control	-
10	Purple/紫/紫	Beep Control	-
11	White/白/白	Case Sensor GND	-
12	Green/绿/綠	Case Sensor	-
13	Red & White 红白/紅白	* W0	-
14	Gray & White 灰白/灰白	* W1	-

*Do not use the same set of twisted pairs.
不可使用同一组双绞线。
不可使用同一組双絞線.

A

U11
Built-in relay
内建Relay
内建Relay

NC
NO

When Electric Bolt Lock is used, kindly connect the wire to COM and NC contacts.
When Electric Strikes is used, kindly connect the wire to COM and NO contacts.
NO模式-RELAY常态开路模式,如果被控制点为通电运行的装置,请选择此一模式。
NC模式-RELAY常态导通模式,如果被控制点为断电运行的装置,请选择此一模式。
NO模式-RELAY常態開路模式,如果被控制點為通電運行的裝置,請選擇此一模式。
NC模式-RELAY常態導通模式,如果被控制點為斷電運行的裝置,請選擇此一模式。

Important Notice:
*Please provide a separate power supply for each controller.   A long transmission distance could cause power degradation.
*If the controller is installed upon metallic object, add proper thickly plastic separator on back of controller for isolation and avoid interference.
*The distance between two controller should be over 30cm to prevent radio frequency interference from each other.

注意事项
*主机请使用独立电源,以避免因传输距离的电流衰减而影响主机正常运作。
*主机感应距离容易受到金属等物质的影响,安装位置如为金属材质,建议在主机背部加装适当厚度的隔离垫片。
*2个主机如果距离太近将会互相干扰而影响感应距离甚至无法感应,建议2个主机之间的距离最少30公分以上。

注意事項
*主機請使用獨立電源,以避免因傳輸距離的電流衰減而影響主機正常運作。
*主機感應距離容易受到金屬等物質的影響,安裝位置如為金屬材質,建議在主機背部加裝適當厚度的隔離墊片。
*2個主機如果距離太近將會互相干擾而影響感應距離甚至無法感應,建議2個主機之間的距離最少30公分以上。

B

Note:
1. Kindly use minimum 22AWG double-shielded aluminum mylar foil twisted pair cable for the connection between the reader and the controller.
2. In order to reduce long distance noise,The isolated net of transmission cable should connect to both ends of device ground.
3. The distance between two readers should be over 30cm to prevent radio frequency interference from each other.
4. Mounting the device around metal could affect read range. Metal of any type around the device should be avoided while mounting.
5. The distance between the reader and the controller should not exceed 30 meters.
6. For optimum read range, kindly use DC Linear power adaptor for the reader's power supply.
7. In order to ensure the reader's normal operation, input voltage should be between 12V±10%.
8. If the reader is installed in an open area or highly humid environment, it is recommended to protect the reader with an external shielding cover.
9. RS-485 communication Baud rate is 9600.

GeoVision inc

RS-485/WIEGAND PROXIMITY READER

GV-DFK1355

Quick Start Guide

快速安装手册

快速安裝手冊

Ver. 1.0

Model / 型号 / 型號	Serial no. / 序号 / 序號	Date of Purchase / 购买日期 / 購買日期	Reseller stamp / 经销商 / 經銷商

Warranty will be valid only after filling out this form and stamped or signed by reseller!
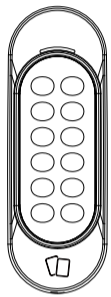此保固书必须填妥各项内容,并且盖有经销商印鉴始为有效.
此保固書必須填妥各項內容,並且蓋有經銷商印鑑始為有效.

备注：
1. 读卡机与控制器之间请使用22AWG以上的双隔离网铝箔麦拉对绞传输线。
2. 为了减低远距离杂讯，传输线的隔离网地应接两端装置的地。
3. 建议两个读卡机之间的距离最少30公分以上。
4. 避免安装在金属物周边，以免影响感应距离。
5. 读卡机与控制器的距离建议不要超过30米。
6. 供应读卡机之电源,建议使用非交换式的线性直流电源,以确保得到最佳的感应距离。
7. 为确保读卡机的正常运作,输入电源请确保在12V±10%之间。
8. 如安装在露天或高湿度易渗水的环境,建议另行加装防水罩。
9. RS-485 通讯Baud rate 为9600。
備註：
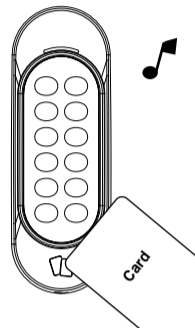1. 讀卡機與控制器之間請使用22AWG以上的雙隔離網鋁箔麥拉對絞傳輸線。
2. 為了減低遠距離雜訊，傳輸線的隔離網地應接兩端裝置的地。
3. 建議兩個讀卡機之間的距離最少30公分以上。
4. 避免安裝在金屬物邊，以免影響感應距離。
5. 讀卡機與控制器的距離建議不要超過30米。
6. 供應讀卡機之電源,建議使用非交換式的線性直流電源,以確保得到最佳的感應距離。
7. 為確保讀卡機的正常運作,輸入電源請確保在12V±10%之間。
8. 如安裝在露天或高濕度易渗水的環境,建議另行加裝防水罩。
9. RS-485 通訊Baud rate 為9600。

5 | Testing /测试/ 測試

When the power is on, the reader's red LED
and the reader will beep concurrently.
打开电源亮红色灯,同时听到 "哔" 声提示.
打開電源亮紅色燈,同時聽到 "嗶" 聲提示.

Place the card provided near the reader.
The reader will beep concurrently.
将卡片靠近读卡机,同时听到 "哔" 声提示.
將卡片靠近讀卡機,同時聽到 "嗶" 聲提示.

Federal Communication Commission Interference Statement

This 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 instructions, may cause harmful interference to radio communications. However, there is no guarantee 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 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.

FCC Caution: To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example - use only shielded interface cables when connecting to computer or peripheral devices)

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.