




## GeoVision GV-RKD1352 Wiegand Proximity reader User Guide

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GeoVision GV-RKD1352 Wiegand Proximity reader



## Package Contents

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.



Reader x 1



Quick Start Guide x 1

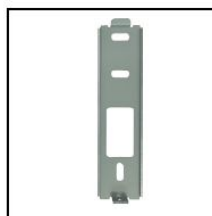
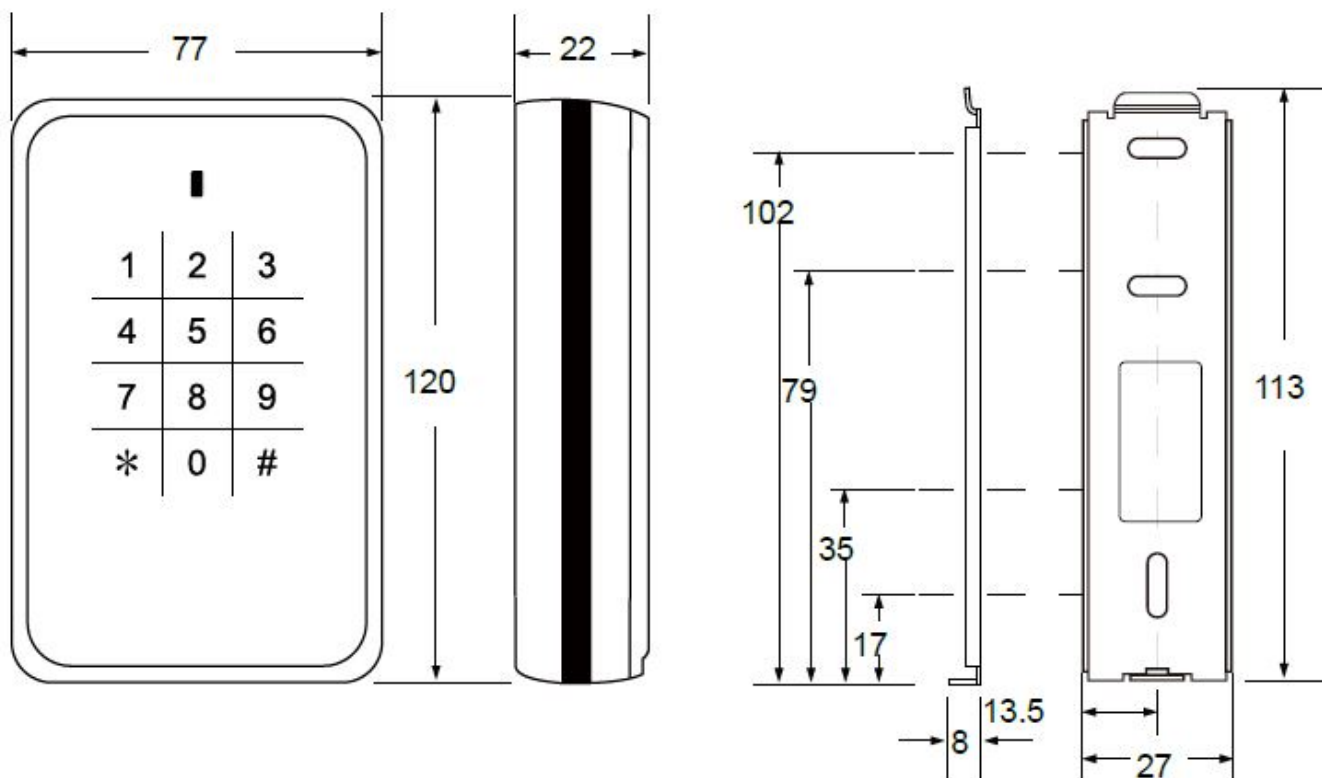


Plate x 1



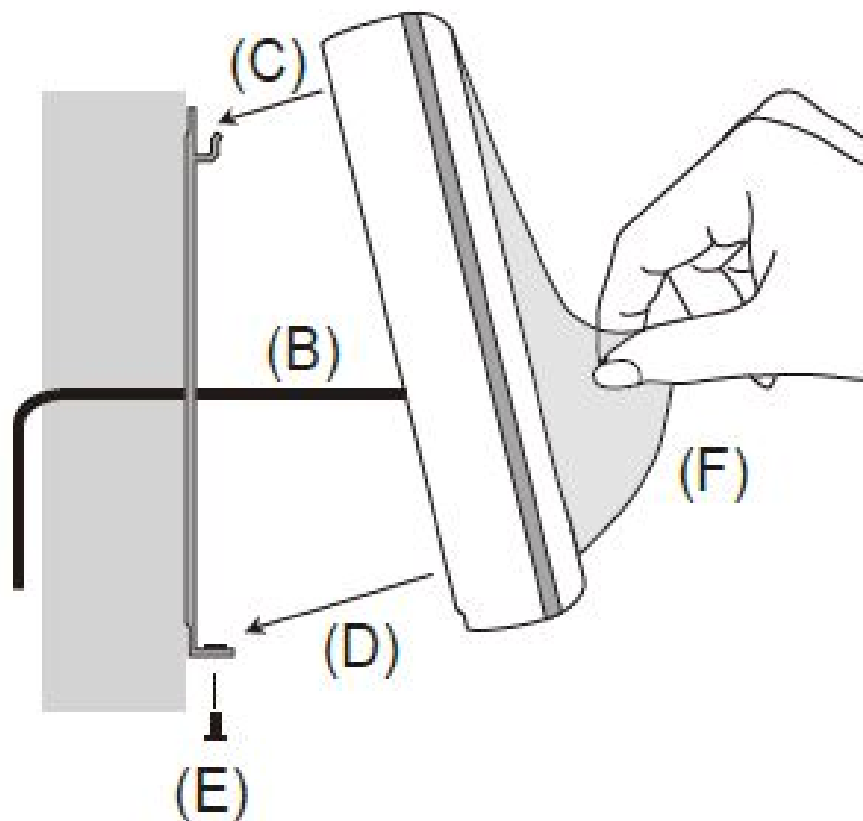
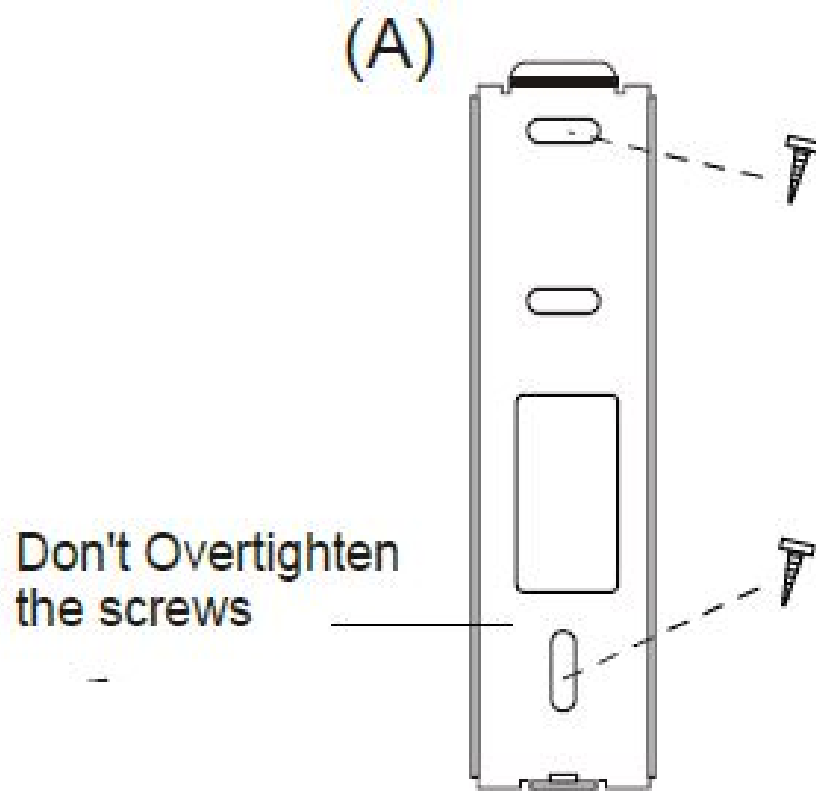
Hex Key wrench x 1

## Physical Dimension



## Installation

- Kindly refer to the “ 4 wiring connections” before the hardware installation.
- Do not over tighten the back plate screws during installation to prevent distortion.
  - (A). Mount the back plate onto the wall or electrical back box (120 type. American spec.).
  - (B). Connect the wires in accordance with the wiring instruction below.
  - (C). Make sure the back plate and the reader upper cover guides are aligned.
  - (D). Install the reader upper cover to the back plate.
  - (E). Use the hex key wrench to fasten the screw onto the bottom of the reader.
  - (F). Tear off the protective film.

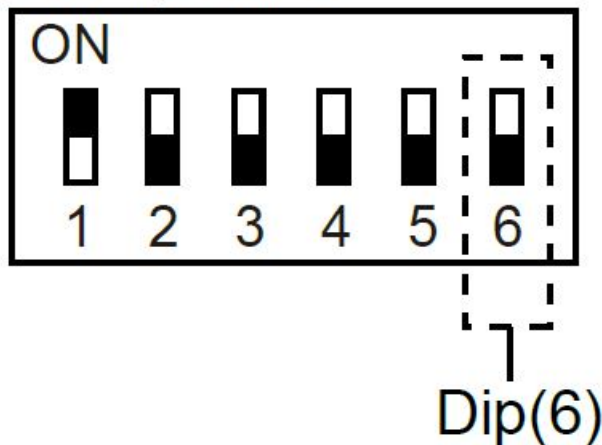


## Wiring Connections

Before mounting the reader onto desired location. Please set the NODE ID (DIP Switch, binary number system). The position of the components varies according to the reader's model. Kindly take note of the components during setup.

Node ID	Configuration/开关位址/開關位址
0	00000
1	10000
2	01000
3	11000
4	00100
5	10100
6	01100
7	11100
8	00010
9	10010
10	01010
11	11010
12	00110
13	10110
14	01110
15	11110

ON=1, OFF=0

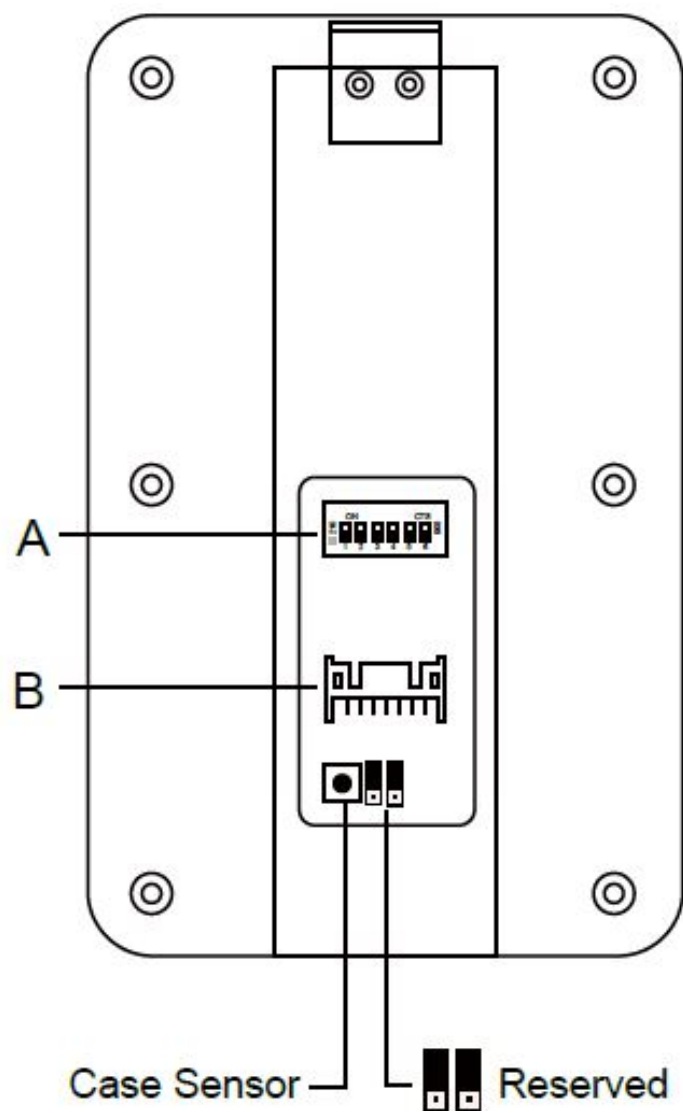


- Dip(6) is card format selection.

ON is for reading the document, and OFF is for reading the serial number.

- Dip(6) ON OFF

- Dip(6) ON OFF



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	OP1(Reserved)	-
6	Pink/粉红/粉紅	-	-
7	Orange & White 橙白/橙白	Ground	-
8	Orange/橙/橙	-	-
9	Brown/棕/棕	Green LED Control	-
10	Purple/紫/紫	Beep Control	-
11	White/白/白	Case Sensor GND (To Controller GND)	-
12	Green/绿/綠	Case Sensor (To Controller Case Sensor)	-
13	Red & White 红白/紅白	* W0	-
14	Gray & White 灰白/灰白	* W1	-

#### 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.(For wiegand/T2 modle only)
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.

#### One Year Limited Warranty

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

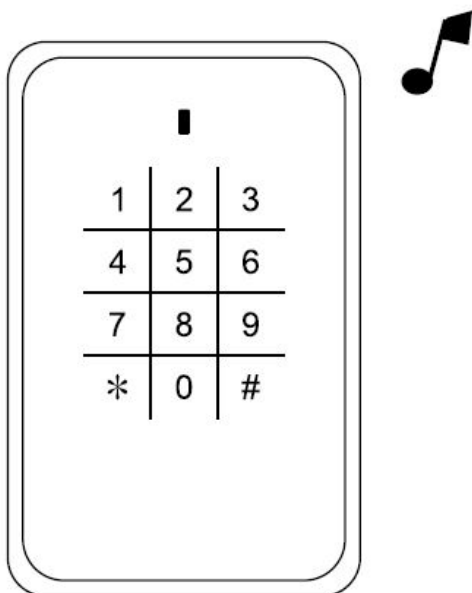
altered on the product.

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.

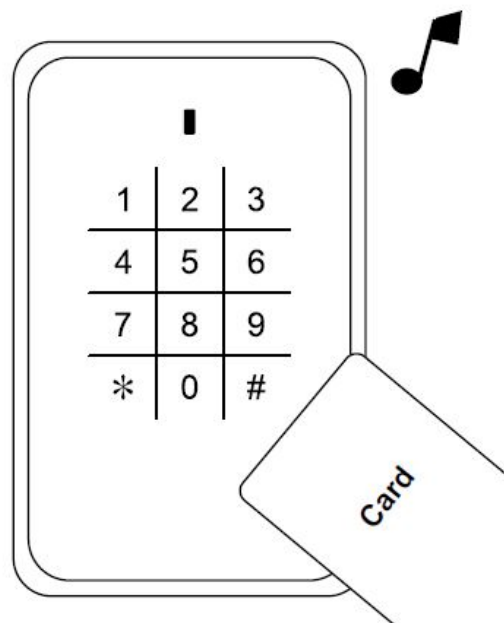
In no event shall We liability exceed the price paid for the product from direct, indirect, special, incidental, or consequential, damages resulting from the use of the product the product, its accompanying software, or it's documentation. We makes no warranty or representation expressed, implied, or 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.

## Testing

To avoid interference self-detection of sensitive touch keypad, please do not touch the keypad when input power.



When the power is on, the reader's green LED will flash and the reader will beep concurrently.



Place the card provided near the reader. The reader will beep concurrently.

## 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.

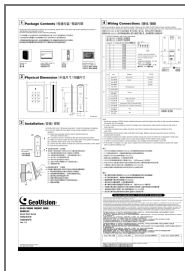


- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**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.

## Documents / Resources



[GeoVision GV-RKD1352 Wiegand Proximity reader](#) [pdf] User Guide  
GV-RKD1352, GVRKD1352, PWQ-GV-RKD1352, PWQGVRKD1352, GV-RKD1352, Wiegand Proximity reader