Manuals+ — User Manuals Simplified.

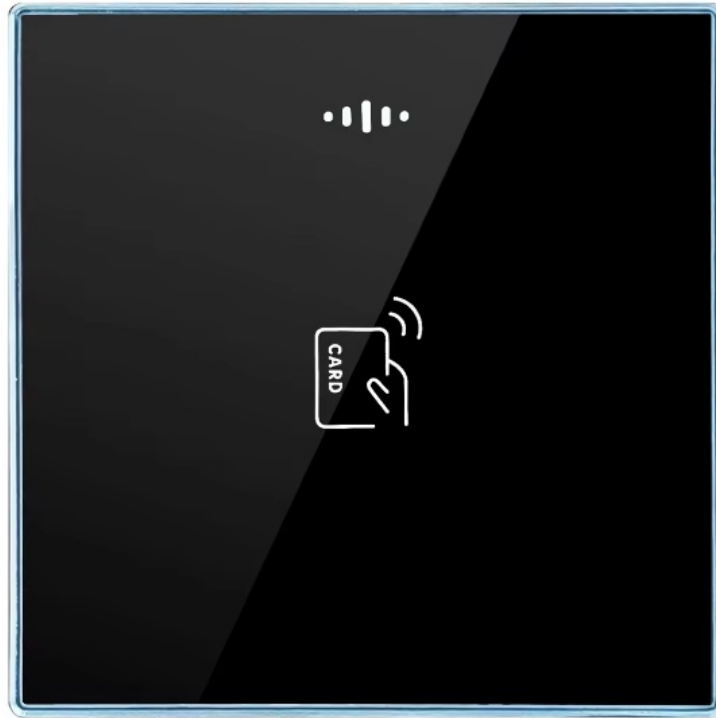Trudian 26 Wiegand Access Control Reader

Trudian 26 Wiegand Access Control Reader User Manual

Contents

Trudian
Touch the future, light up life.

Trudian 26 Wiegand Access Control Reader

Product Information

Specifications:

- **Working voltage:** DC12V
- **Swipe distance:** 0~4CM
- **Working current:** [insert value]
- **Card reading type:** IC card
- **Communication mode:** Wegen 26 / Wegen 34
- **Issuing mode:** management platform card issuing
- **Working temperature:** -20°C to 70°C
- **Card capacity:** 1000
- **Relative humidity:** 10% to 93%
- **Open mode:** swipe card, APP, remote, password (optional)
- **Size:** 86 * 86 * 8MM
- **Installation method:**
    - Control box: hanging installation
    - Reading head: 86 box embedded installation. Requires a depth of 50MM inside the style 86 box.

Product Usage Instructions

Wiegand Reader Installation Diagram:
Connect the signal line in the back of the read head device as shown in the figure below.
Install the reading head device into the 86 box, ensuring it is embedded with a depth of 50MM inside the style 86 box. Lock the screws to fix.
Snap together the read head panel and body, aligning the screw holes and securing with anti-theft screws.

Wiring Instruction:

Operating mode	Wire color
DC12V	Red Line
GND	Blace Line
D0	Green Line
D1	White Line
WG34 LED/BZ	Yellow Line Blue Line

Frequently Asked Questions

1. **Q: What is the card capacity of the Wiegand Access Control Reader?**

   A: The card capacity is 1000.

2. **Q: What are the communication modes supported by the device?**

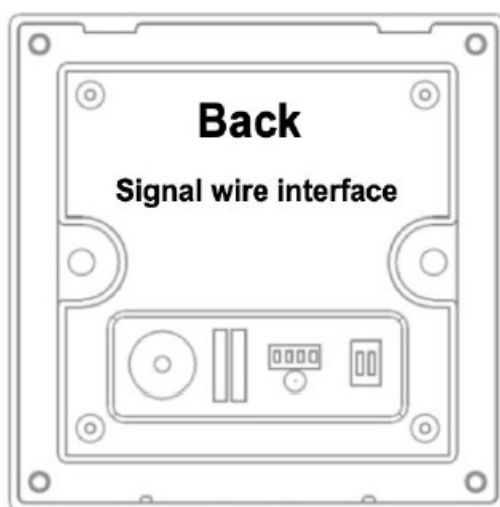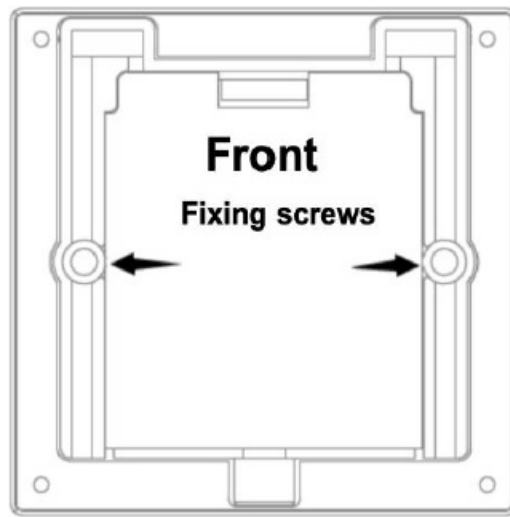   A: The device supports Wegen 26 and Wegen 34 communication modes.

Product Overview

Parameter:

Working voltage	DC12V±10%
Swipe distance	0~4CM
Working current	60mA±20mA
Card reading type	IC card
Communication mode	Wegen 26 / Wegen 34
Issuing mode	management platform card issuing
Working temperature	-20℃~-70℃
Card capacity	1000
Relative humidity	10%~93%
Open mode	swipe card, APP, remote, password (optional)
Size	86 * 86 * 8MM
Installation method	Control box: hanging installation reading head : 86 box embedded installation.86 box requires a depth of 50MM inside

Wiegand Reader Installation diagram

1. Connect the signal line in the back of the read head device as shown in the figure below.
2.

Install the reading head device into the 86 box, (note that you need to use the embedded wall inside the depth of 50MM style 86 box), lock the screws to fix, as shown in the figure below.

Front
Fixing screws

3. Read the head panel and read the head body snap together, first from the upper snap down and then press the lower and bottom screw hole alignment; finally in the bottom of the anti-theft screw hole screwed on the countersunk head machine wire within the plum security screws fixed,as shown in the figure below.

Bottom

Locking plum security screw hole

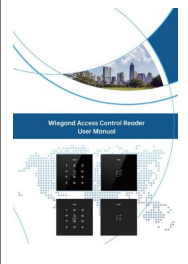## Wiring instruction

Operating mode selection

Wire color	Function Description
Red Line	DC12V
Blace Line	GND
Green Line	D0
White Line	D1
Yellow Line	WG34
Blue Line	LED/BZ

Notes

1. Before powering up, you must confirm the voltage of the power supply and the positive and negative terminals of the power supply.
2. When using external power supply, it is recommended to share the power ground with the controller power supply.
3. Read the head to the control box wire, it is recommended to use 8-core shielded multi-strand twisted pair network cable.Three of the cores standby, if you do not need to read the head sound and LED light feedback

legal card, may not be connected to LED/BZ line, Wegen data line D0 and D1 is recommended for each other better twisted pair, line cross-sectional area recommended 0.22 square millimeters or more, it is recommended that the wiring length does not exceed 100 meters, shielded wire connected to the control box motherboard GND, thickened or double stranded together a power supply to the reading head, help to enhance the performance of the reading head. .(You can also use other multi-core shielded Category 5 wire)

Documents / Resources

Trudian 26 Wiegand Access Control Reader [pdf] User Manual
26 Wiegand Access Control Reader, 26, Wiegand Access Control Reader, Access Control Reader, Control Reader, Reader

References

- **User Manual**