

SecureEntry-CR60LF RFID Card Access Control Reader



# SecureEntry-CR60LF RFID Card Access Control Reader User Manual

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# SecureEntry

**SecureEntry-CR60LF RFID Card Access Control Reader**



## Product Features

- RFID Card Access Control Reader
- Supports Wiegand 26/34 interface
- LED and BEEP indicators for access status
- RS485 communication interface

## Installation

1. Use a Phillips-type screwdriver to loosen the screw between the panel and the motherboard.
2. Attach the motherboard to the sidewall with a plastic plug and screws.

## Connection Diagram

Wire Color	Description
Red	16V Power
Black	GND (Ground)
Green	D0 Data Line
White	D1 Data Line

## Installation Comments

1. Check the electrical voltage (DC 9V – 16V) and distinguish the positive anode and cathode of the power supply.
2. When using external power, connect the GND power supply to the controller panel.
3. Use an 8-wire twisted pair cable to connect the reader with the controller.

## Frequently Asked Questions

**Q: What is the recommended cable length for connecting the reader with the controller?**

**A:** The cable length should not exceed 100 meters to ensure proper functionality.

**Q: Can I use a different type of cable instead of twisted pair for connection?**

**A:** It is recommended to use a twisted pair cable for optimal performance. However, you can also use shielded wire for connecting GND and a two-core cable for improved efficiency.

## Specifications

- **Warranty:** 1 year
- **Material:** zinc alloy
- **Device Type:** RFID reader with access control
- **Operating frequency:** 125 kHz
- **Verification Type:** RFID Card
- **Response Speed:** Less than 0.2 seconds
- **Reading distance:** 2-10cm, depending on the card or tag
- **Light Signal:** Bi-color LED
- **Beep:** Built-in speaker (buzzer)
- **Communication Distance:** 100 meters
- **Data transfer:** real-time
- **Operating voltage:** DC 9V – 16V, standard 12V
- **Working Current:** 70mA
- **Interface:** Wiegand 26 or 34
- **Operating Temperature:** -25° C – 75° C
- **Operating Humidity:** 10%-90%
- **Product dimensions:** 8.6 x 8.6 x 8.2 cm
- **Package dimensions:** 10.5 x 9.6 x 3 cm
- **Product weight:** 100 g
- **Package weight:** 250 g

## Set contents

- RFID Access Control Reader
- Jumper cables
- Special Key
- Manual

## Features

- Compact shape and elegant design
- Can be connected with an electric or electromagnetic lock or a time and attendance recorder
- Verification via RFID card

## Installation

- Use a Phillips-type screwdriver to loosen the screw between the panel and the motherboard. Next, attach the motherboard to the sidewall with a plastic plug and screws.

## Connection diagram


Wiegand 26/34		RS485		RS232	
Red	DC 9V – 16V	Red	DC 9V – 16V	Red	DC 9V – 16V
Black	GND	Black	GND	Black	GND
Green	D0	Green	4R+		
White	D1	White	4R-	White	TX
Blue	LED				
Yellow	BEEP				
Grey	26/34				
Orange	Bell				
Brown	Bell				

## Comments

1. Check the electrical voltage (DC 9V – 16V) and distinguish the positive anode and cathode of the power supply.
2. When external power is used, we suggest using the same GND power supply with the controller panel.
3. The cable connects the reader with the controller, we recommend using an 8-wire twisted pair cable. The Data1Data0 data cable is a twisted pair cable, we suggest that the cross-sectional area should be at least 0.22 square millimeters.
  - The length should not exceed 100 meters.
  - The shielded wire connects GND, and the two-core cable will improve the reader's working efficiency (or the use of a multi-core AVAYA cable).

[hdwrglobal.com](http://hdwrglobal.com)

## Documents / Resources

<p>User Manual</p> <p>RFID Card Access Control Reader SecureEntry-CR60LF</p> <p></p>	<p><a href="#">SecureEntry SecureEntry-CR60LF RFID Card Access Control Reader</a> [pdf] User Manual CR60LF, SecureEntry-CR60LF RFID Card Access Control Reader, SecureEntry-CR60LF, SecureEntry-CR60LF Control Reader, RFID Card Access Control Reader, RFID Card Access, Control Reader, RFID, Card Access</p>
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## References

- [User Manual](#)

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