

# User Manual

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## RFID Card Access Control Reader **SecureEntry-CR60HF**

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## Specifications:

- **Warranty:** 1 year
- **Material:** zinc alloy
- **Device Type:** RFID reader with access control
- **Operating frequency:** 13,56 MHz
- **Verification Type:** RFID Card
- **Response Speed:** Less than 0.2 seconds
- **Reading distance:** 2-10cm, depends 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 8-wire twisted pair cable. The Data0 data cable is 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.

Shielded wire connects GND, and two-core cable will improve the reader's working efficiency (or the use of a multi-core AVAYA cable).