Manuals+ — User Manuals Simplified.

CR200WG Mid Range Access Control RFID Reader

HDWR GLOBAL CR200WG Mid Range Access Control RFID Reader User Manual

Contents

HDWR GLOBAL CR200WG Mid Range Access Control RFID Reader

Frequently Asked Questions

Q: What is the recommended power supply voltage for the SecureEntry-CR200WG?

A: The recommended power supply voltage is DC 9V – 16V.

Q: What type of cable is recommended for connecting the reader with the controller?

A: We recommend using an 8-wire twisted pair cable. For Data1Data0 cable, a twisted pair cable with a cross-sectional area of at least 0.22 square millimeters is suggested.

Q: What is the maximum cable length supported for connecting the reader with the controller?

A: The maximum recommended cable length is 100 meters.

Specifications

- Warranty: 1 year
- Device Type: Medium Range RFID Reader for Access Control
- Color: dark grey
- Verification Type: RFID Card
- Operating frequency: 125 kHz
- Reading range: 80 – 100 cm
- Voltage: DC 12V
- Working Current: ≤100mA
- Type of Chips Read: EM
- Interface: Wiegand 34
- Communication Distance: ≤100m

- Operating temperature: -10°C – 70°C
- Product dimensions: 26 x 26 x 3.5 cm
- Package dimensions: 28.3 x 26.6 x 4.6 cm
- Product weight: 2 kg
- Weight with packaging: 4 kg

Set contents
RFID access control reader with cable

Features

- The medium-range reader allows you to read data from an RFID card from a distance of 80 cm to even 1 meter
- Wiegand 34 interface allows you to connect to a variety of devices
- The RFID reader is ideal for the entrance to the building as an access device

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 Data1Data0 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).

Documents / Resources

User Manual Mid-range access control RFID reader SecureEntry-CR200WG HDWR	**HDWR GLOBAL CR200WG Mid Range Access Control RFID Reader** [pdf] User Manual CR200WG Mid Range Access Control RFID Reader, CR200WG, Mid Range Access Control RFID Reader, Access Control RFID Reader, Control RFID Reader, RFID Reader, Reader

References

- **User Manual**