



**AC800LF RFID  
Card and  
Password Access  
Control Reader**



# HDWR AC800LF RFID Card and Password Access Control Reader User Manual

[Home](#) » [HDWR](#) » HDWR AC800LF RFID Card and Password Access Control Reader User Manual 

## Contents

- [1 HDWR AC800LF RFID Card and Password Access Control Reader](#)
- [2 Specifications](#)
- [3 Product Usage Instructions](#)
- [4 FAQ](#)
- [5 Documents / Resources](#)
  - [5.1 References](#)



**HDWR AC800LF RFID Card and Password Access Control Reader**



## Specifications

- **Warranty:** 1 year
- **Device Type:** RFID reader with access control
- **Operating frequency:** 125 kHz
- **Verification Type:** RFID Card, Password
- **Response Speed:** Less than 0.2 seconds
- **Reading distance:** 5-10cm
- **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 1 cm
- **Package dimensions:** 10.5 x 9.5 x 2.8 cm
- **Product weight:** 100 g
- **Package weight:** 300 g

## Product Usage Instructions

### Set contents:

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

### Features:

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

### 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:

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				

### Installation 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).

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

## FAQ

**Q: What should I do if the LED indicator is not working?**

A: Check the power supply connection and ensure the correct wiring according to the connection diagram provided in the manual.

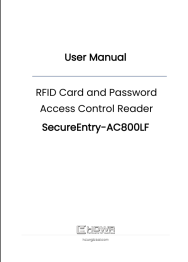
**Q: Can I use a different power supply voltage other than DC 9V – 16V?**

A: It is recommended to use the specified power supply voltage range to ensure proper functioning of the access control reader.

**Q: How many users can be registered with this access control reader?**

A: The user capacity may vary based on the specific model. Please refer to the product specifications or contact customer support for more information.

## Documents / Resources

	<p><a href="#">HDWR AC800LF RFID Card and Password Access Control Reader</a> [pdf] User Manual AC800LF, AC800LF RFID Card and Password Access Control Reader, RFID Card and Password Access Control Reader, Password Access Control Reader, Access Control Reader, Control Reader</p>
---	---

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.