



# HDWR Global AC400HF RFID Access Control Reader User Manual

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**HDWR Global AC400HF RFID Access Control Reader**



## Specifications

- Product Name: RFID Access Control Reader
- Model: SecureEntry-AC400HF
- Power Input: DC12V
- Color: Red, Black, Green, White, Yellow, Brown
- Output Formats: WG26, WG34
- Backlight Settings: Normally on, Normally off, On for 15 seconds

## Product Usage Instructions

### Set Contents:

The package should include the RFID Access Control Reader, necessary cables for connection, and a user manual.

## Features

- Secure access control reader for RFID cards
- Connection ports for power input, data0, data1, beep, and LED
- Customizable output formats and backlight settings

## Connection Diagram

Lp.	Designation	Colour	Function
1	12V	Red	DC12V Input
2	GND	Black	Power Supply GND
3	D0	Green	Port D0 WG Port
4	D1	White	Port D1 WG
5	BEEP	Yellow	Beep
6	LED	Brown	Light signal

### Output Format and Backlight Setting for the Keyboard:

1. Entering setting mode: In standby mode, press and hold the # button for 5 seconds while the green LED is flashing.
2. Enter the code to get the corresponding command (826 and 803 as the factory value):  
826 (WG26 output format) / 834 (WG34 output format) – 801 (Backlight normally on) / 802 (Backlight normally off) / 803 (Backlight on for 15 seconds)
3. It will automatically exit the setting mode with a long beep if the data has been entered correctly. It will remain in the setting mode waiting for data to be re-entered with a short, triple-beep beep if incorrect data has been entered.

Note: Press the \* button to exit the setting mode at any time.

### Setting the Output Format for the Reader:

To set the output format for the reader, follow the steps provided in the “Output Format and Backlight Setting for the Keyboard” section above.

### Specifications

- Warranty: 1 year
- Reading Distance: 5-10cm
- Device Type: Access control reader for RFID cards
- Verification Type: RFID Card, Password
- Operating frequency: 13,56 MHz
- Type of cards read: Mifare
- Response Speed: Less than 0.2 seconds
- Communication Distance: 100 m
- Data transfer: real-time
- Light signal: built-in LED (bi-color LED)
- Beep: Built-in speaker (buzzer)
- Audio-visual indication: when the registered card is placed against the reader, the red LED flashes green and a beep sounds
- Keyboard and keys: touch keyboard
- Resistance: protection against water ingress
- Voltage: DC 9V – 16V, standard 12DC

- Operating Current: 100mA
- Interface: Wiegand 26 output
- Operating Temperature: -20° C – 70° C
- Operating Humidity: 10%-90%
- Product dimensions: 12.3 x 8.4 x 2.3 cm
- Package dimensions: 18.5 x 13.9 x 5.5 cm
- Product weight: 200 g
- Product weight with packaging: 400 g

## **Set contents**

- Access Control Reader with Wires
- Manual

## **Features**

- The reader offers access by reading an RFID card with a frequency of 13,56 mHz or by means of an individual password.
- Made of durable materials and waterproof housing, the device can be mounted outdoors.
- The device is perfect for a wide variety of environments, such as companies, institutions, as well as private homes, making it a versatile solution for a wide range of users.
- The reader is equipped with a two-color LED and an audible signal that informs users about the authorization status, making it easier for users to understand the current access status.
- Thanks to the Wiegand 26 Output interface, the reader can be connected to external devices to form an access control system.

## **Connection diagram**

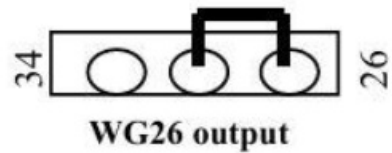
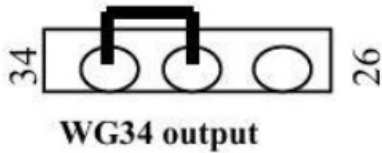
Lp.	Designation	Colour	Function	Connection description
1	12V	red	DC12V Input	Connecting a 12V Host Intercom or Power Supply
2	GND	black	GND Power Supply	GND connection of the intercom host or power supply
3	D0	Green	Port D0 WG	Connecting Data0 to the controller
4	D1	White	Port D1 WG	Connecting Data1 to the controller
5	BEEP	Yellow	Beep	Beep when connected to GND
6	LED	brown	Light signal	Green light when connecting to GND

### Output format and backlight setting for the keyboard

- Step 1. Entering setting mode (in standby mode, press and hold the # button for 5 seconds while the green LED is flashing)
- Step 2. Enter the code to get the corresponding command (826 and 803 as the factory value)  
826 (WG26 output format) / 834 (WG34 output format) 801 (Backlight normally on) / 802 (Backlight normally off) / 803 (Backlight on for 15 seconds)
- Step 3. It will automatically exit the setting mode with a long beep if the data has been entered correctly. It will remain in the setting mode, waiting for data to be re-entered with a short, triple-beep beep if incorrect data has been entered.

Note: Press the \* button to exit the setting mode at any time.

### Setting the output format for the reader



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## FAQs

- **Q: How do I reset the reader to factory settings?**

A: To reset the reader to factory settings, press and hold the \* button for 10 seconds while powering on the device.

- **Q: Can I use this reader with different types of RFID cards?**

A: Yes, this reader is compatible with most standard RFID cards operating at the supported frequency.

## Documents / Resources

<p>User Manual</p> <hr/> <p>RFID Access Control Reader SecureEntry-AC400HF</p> <hr/> <p>HDWR</p>	<p><a href="#">HDWR Global AC400HF RFID Access Control Reader</a> [pdf] User Manual AC400HF RFID Access Control Reader, AC400HF, RFID Access Control Reader, Access Control Reader, Control Reader</p>
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## References

- [User Manual](#)

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