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Sonew Sonewd4gcansgbh

Sonew RFID Touch Metal Access Control Keypad Machine Controller User Manual

Model: Sonewd4gcansgbh | Brand: Sonew

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Sonew RFID Touch Metal Access Control Keypad Machine Controller. Please read this manual thoroughly before installation and use to ensure proper function and safety.

2. PRODUCT OVERVIEW

The Sonew RFID Touch Metal Access Control Keypad is a professional system designed for secure access management in homes, offices, factories, and communities. It supports multiple unlocking methods including RFID key card, password, or a combination of both.

2.1. Key Features

- **Multiple Access Modes:** Unlock using RFID key card, password, or RFID key card + password.
- **User Capacity:** Supports up to 1000 users.
- **Data Retention:** Integrated circuit techniques prevent data loss during power failure.
- **Manager & User Modes:** Easily switch between modes for configuration and daily use.
- **Quick Card Management:** Supports fast addition or deletion of cards via a primary card.
- **External Connectivity:** Features delay open function and external doorbell connection.
- **Durable Design:** Metal exterior with touch keypad for reliable operation.

2.2. Package Contents

- 1 x RFID One-door Access Controller
- 10 x Key Fobs
- 1 x Cable
- 1 x English User Manual

3. SPECIFICATIONS

Feature	Detail
Material	PVC
Working Voltage	DC 12V
Identification Way	Smart Card
Inductive Way	ID Card + Password
Card Reading Distance	2-10cm
Storage Capacity	1000 Users
Unlock Type	ID Card / Password / ID Card + Password
Size	Approx. 11.8 * 7.6 * 2.1cm (4.6 * 3.0 * 0.8in)
Item Weight	4.9 ounces
Color	Silver

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and security of your access control system. Follow these steps carefully.

4.1. Component Identification

Familiarize yourself with the main components of the access control keypad.



Figure 1: Front view of the Sonew RFID Touch Metal Access Control Keypad, showing the numeric keypad and bell button.



Figure 2: Side view of the keypad illustrating its dimensions (11.8cm/4.6inch height, 7.6cm/3.0inch width).



Figure 3: Rear view of the keypad, revealing the wiring terminals and product information label.



Figure 4: Included wiring harness with color-coded wires for connection to the access control system.

4.2. Wiring Diagram and Connections

Refer to the following video for a detailed demonstration of the wiring process for the access control keypad, power supply, and electric lock.

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Video 1: Wiring of Wiegand Access Control System. This video demonstrates how to connect the RFID reader, power supply, electric lock (fail-safe and fail-secure), and exit button to the access control panel.

Ensure all connections are secure and follow local electrical codes. Incorrect wiring can damage the device or pose a safety risk.

5. OPERATING INSTRUCTIONS

This section covers the basic operations of your access control keypad, including adding users and unlocking methods.

5.1. Default Admin Code

The default factory master code is **999999**. This code is required to enter programming mode for adding or deleting users.

5.2. Adding Keyfobs (RFID Cards)

To add new RFID keyfobs for user access:

1. Ensure the keypad is in standby mode (red light is always on).
2. Press ***** to enter admin mode. The red light will flash.
3. Enter the default admin code (**999999**) followed by **#** to confirm. The green light will illuminate, indicating successful entry into admin mode.
4. Press **1** to enter the add user mode.
5. Present the new keyfob to the keypad. The keypad will beep to confirm the addition. You can add multiple keyfobs consecutively.
6. Press ***** twice to exit programming mode.

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Video 2: S601ID Add Keyfobs, Add User Code Operation. This video demonstrates the process of adding keyfobs and user codes to the access control system.

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Video 3: How to add users with Retekess T-AC03? This video provides a general guide on adding users to an access control keypad, which can be applied to this model.

5.3. Adding User Codes (Passwords)

To add new user passwords for access:

1. Ensure the keypad is in standby mode (red light is always on).
2. Press ***** to enter admin mode. The red light will flash.
3. Enter the default admin code (**999999**) followed by **#** to confirm. The green light will illuminate.
4. Press **1** to enter the add user mode.
5. Input a unique user number (e.g., **79**) followed by **#**.
6. Input a 4-digit user code (e.g., **2468**) followed by **#** to confirm.
7. Press ***** twice to exit programming mode.

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Video 4: K1201, K1202 Add User Code Operation. This video demonstrates the procedure for adding user codes to the access control keypad.

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Video 5: K10 Keypad Add User Code. Another demonstration of adding user codes, providing additional visual guidance.

5.4. Unlocking the Door

To unlock the door using the keypad:

- **Using RFID Key Card:** Present a registered keyfob to the keypad's card reader zone. The door will unlock.
- **Using Password:** Enter your registered 4-digit user code followed by **#**. The door will unlock.
- **Using RFID Key Card + Password:** Present your registered keyfob, then enter your 4-digit user code

followed by #. The door will unlock.



Figure 5: The keypad supports various access methods: card, password, or a combination of both.



Figure 6: The keypad allows for 3-6 digit password entry for door access.

5.5. Tuya App Integration (If Applicable)

If your model supports Tuya App integration, follow these steps to connect and manage your access control system remotely.

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Video 6: How to connect Tuya App. This video guides you through the process of connecting your access control keypad to the Tuya smart home application for remote management and unlocking.

6. MAINTENANCE

To ensure the longevity and reliable operation of your access control keypad, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the keypad surface. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Power Supply:** Ensure a stable DC 12V power supply. Fluctuations can affect performance.
- **Regular Testing:** Periodically test all access methods (card, password) to ensure they are functioning

correctly.

- **Firmware Updates:** Check the manufacturer's website for any available firmware updates to improve performance or add new features.

7. TROUBLESHOOTING

If you encounter issues with your access control keypad, refer to the following common problems and solutions:

- **Keypad not responding:**
 - Check the power supply connection.
 - Ensure the keypad is receiving the correct DC 12V voltage.
- **RFID card not recognized:**
 - Ensure the card is properly registered in the system.
 - Try another registered card to rule out a faulty card.
 - Check the card reading distance (2-10cm).
- **Password not working:**
 - Verify that the correct password and user number are being entered.
 - Ensure the password is confirmed with **#**.
 - If unsure, try resetting the user code or adding it again.
- **Door not unlocking:**
 - Check the wiring connections to the electric lock.
 - Ensure the electric lock is receiving power and functioning correctly.
 - Verify the unlock mode settings (e.g., card only, password only, card + password).
- **Cannot enter programming mode:**
 - Ensure you are pressing ***** followed by the correct admin code and **#**.
 - If the admin code has been changed and forgotten, a factory reset might be necessary (refer to advanced settings or contact support).

8. WARRANTY AND SUPPORT

For any product-related issues, please contact Sonew customer support. We are committed to providing timely assistance and solutions.

- **Warranty:** Please refer to your purchase documentation for specific warranty terms and conditions.
- **Customer Support:** For technical assistance or inquiries, visit the [Sonew Store on Amazon](#) or contact the seller directly.