D1D9 occ1

D1D9 GSM WiFi RFID Home Alarm System User Manual

Model: occ1

1. Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your D1D9 GSM WiFi RFID Home Alarm System. This advanced security system is designed to protect your home or office by detecting intrusions and notifying you promptly. It combines GSM (2G cellular), WiFi, and RFID technologies for flexible and reliable security.

Key features include:

- **Remote Control:** Arm, disarm, monitor voice, and use intercom functions via your mobile phone from anywhere.
- **RFID Card Access:** Easily arm or disarm the system using RFID key fobs, ideal for elderly users or children.
- **Dual Network Connectivity:** Operates via both WiFi and a SIM card. WiFi connection allows for cost-free operation.
- **Intruder Deterrence:** Activates a siren and sends notification messages to registered phone numbers upon detection of an intrusion.



Image: Overview of the D1D9 Home Alarm System, showing the main control panel, PIR motion sensors, door/window sensors, remote controls, siren, and RFID key fobs.

2. Package Contents

Please verify that all the following components are included in your package:

- 1 x WiFi and 2G GSM Alarm Panel
- 4 x Remote Controls
- 2 x Wireless Mini PIR Infrared Detectors
- 8 x Wireless Mini Magnetic Door/Window Sensors
- 2 x RFID Key Fobs
- 1 x Power Adapter
- 1 x Wired Siren

3. Setup Guide

3.1 Main Control Panel Installation

Choose a central location for the main alarm panel, preferably near a power outlet and within good WiFi signal range. The panel can be self-adhesively mounted on a wall.

1. Mount the main panel securely on a wall using the provided self-adhesive method or screws.
2. Connect the power adapter to the panel and plug it into a 220V power outlet.
3. (Optional) Insert a 2G GSM SIM card into the designated slot on the panel for cellular backup.



Image: The D1D9 alarm control panel, featuring a touchscreen display and keypad, neatly mounted on a white wall in a living room setting.

3.2 Sensor Installation

Install the PIR motion detectors and door/window sensors in strategic locations.

- **PIR Detectors:** Install in areas with high traffic, ensuring a clear line of sight. Avoid placing them directly facing heat sources or windows where direct sunlight might cause false alarms.

- **Door/Window Sensors:** Attach the two parts of each magnetic sensor to the door/window frame and the movable part (door/window) respectively. Ensure they are aligned and close to each other when the door/window is closed.



Image: A D1D9 magnetic door/window sensor installed on a window frame, demonstrating how the two parts align when the window is closed.



Image: A D1D9 PIR motion sensor mounted on a wall above a decorative shelf, illustrating a typical installation location.



Image: An illustrative diagram showing optimal placement of various sensors (PIR, door magnetic switch, smoke detector, gas detector) within a multi-story house for comprehensive security coverage.

3.3 WiFi Connection and App Setup

To utilize the system's smart features and avoid cellular costs, connect the alarm panel to your home WiFi network.

1. Access the network settings on the alarm panel.
2. Select your WiFi network and enter the password.
3. Download the dedicated mobile application (compatible with Smartphone and Tablet) from your device's app store.
4. Follow the in-app instructions to pair your alarm system with the application.

4. Operating Instructions

4.1 Arming and Disarming the System

The system can be armed or disarmed using several methods:

- **Remote Control:** Press the 'Arm' button (locked padlock icon) to arm and the 'Disarm' button (unlocked padlock

icon) to disarm.

- **RFID Key Fob:** Tap the RFID key fob against the designated RFID reader area on the main panel to arm or disarm. This method is convenient for quick access.
- **Mobile Application:** Use the D1D9 app on your smartphone or tablet to remotely arm or disarm the system.
- **Main Panel Keypad:** Enter your security code on the panel's keypad and select the arm/disarm option.

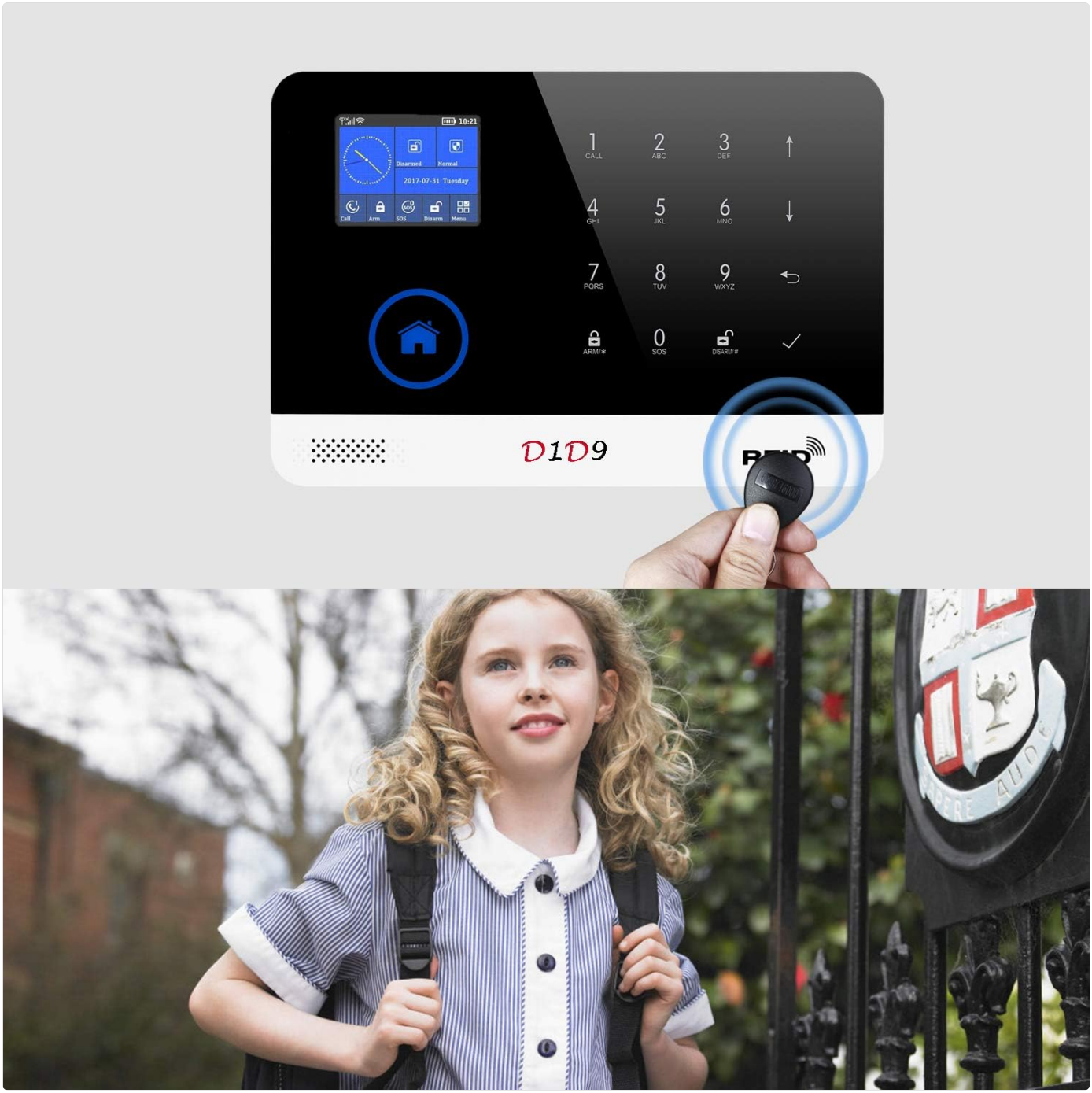

Image: A hand holding an RFID key fob near the D1D9 alarm panel, demonstrating the tap-to-arm/disarm functionality, with a young girl in the background suggesting ease of use for children.

4.2 Emergency SOS Function

In case of an emergency, the remote control includes an SOS button.

- Press the **SOS** button on your remote control to trigger an immediate alarm and send emergency notifications to pre-programmed contacts.



Image: A D1D9 remote control with a prominent SOS button, overlaid on an image of an elderly person who has fallen on stairs, illustrating the emergency alert feature.

4.3 Remote Monitoring and Intercom

When using the mobile application, you can:

- **Voice Monitoring:** Listen to audio from the alarm panel's vicinity.
- **Intercom:** Communicate through the alarm panel's speaker and microphone.

4.4 Alarm Notifications

Upon detection of an intrusion (e.g., by a PIR sensor or door/window sensor), the system will:

- Activate the wired siren, producing a loud deterrent sound.
- Send an alert message to the phone numbers registered in the main unit.

5. Maintenance

5.1 Battery Management

The system's sensors and main panel (backup battery) use Lithium-ion batteries. The average battery life for sensors is approximately 240 days.

- Monitor battery indicators on the main panel or mobile app.
- Replace batteries in sensors promptly when low battery alerts are received to ensure continuous protection.
- Ensure the main panel remains connected to power to keep its internal Lithium-ion backup battery charged.

5.2 Cleaning

Regularly clean the alarm panel and sensors with a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the devices.

5.3 Sensor Placement Verification

Periodically check that all sensors are securely mounted and that their detection areas remain unobstructed. Ensure door/window sensors are properly aligned.

6. Troubleshooting

6.1 Difficulty Connecting to WiFi or Mobile App

- **Check WiFi Signal:** Ensure the alarm panel is within range of your WiFi router and has a strong signal.
- **Verify Password:** Double-check that the WiFi password entered is correct.
- **Router Compatibility:** Ensure your router operates on a 2.4GHz frequency, as many smart home devices are not compatible with 5GHz networks.
- **App Re-pairing:** If the alarm disappears from the app, try re-pairing the device following the initial setup instructions.
- **Router Reboot:** Sometimes, restarting your home router can resolve connectivity issues.

6.2 SIM Card Connection Issues

- **SIM Card Activation:** Ensure the 2G GSM SIM card is active and has sufficient credit/data.
- **Correct Insertion:** Verify the SIM card is inserted correctly into the panel's slot.
- **Network Coverage:** Check for adequate 2G cellular network coverage in the installation area.

6.3 False Alarms

- **PIR Sensor Placement:** Ensure PIR sensors are not facing direct sunlight, heat vents, or areas where pets might trigger them.
- **Door/Window Sensor Alignment:** Verify that the magnetic parts of door/window sensors are securely attached and correctly aligned.
- **Environmental Factors:** Strong drafts or vibrations can sometimes trigger sensors.
- **Sensitivity Settings:** If available, adjust the sensitivity settings of the sensors.

6.4 System Not Responding

- **Power Supply:** Check if the main panel is properly connected to power.
- **Backup Battery:** Ensure the internal backup battery is charged.
- **Reboot:** Disconnect power, wait a few minutes, and reconnect to perform a system reboot.

7. Specifications

Feature	Detail
Manufacturer	Chenghelichuang CO.LTD
Product Dimensions (L x W x H)	30 x 20 x 15 cm
Weight	1.1 Kilograms
Model Number	occ1
Kit Size	19-piece kit (2G + WiFi)
Color	White, Black
Material	ABS
Power Type	Wireless
Voltage	220 Volts
Installation Method	Self-adhesive
Included Batteries	3 Lithium-ion (included)
Battery Type	Lithium-ion
Average Battery Life	240 days
Connectivity Technology	WiFi
Compatible Devices	Smartphone, Tablet
Alert Type	Audio only, Motion only

8. Warranty and Support

For warranty information, please refer to the documentation included with your product packaging or contact the seller directly. Many users have reported positive experiences with the seller's customer support, noting their responsiveness and professionalism in addressing inquiries.
If you encounter any issues not covered in this manual, please reach out to the D1D9 customer support team for assistance.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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