

Lazmin112 G202

Lazmin112 4G Gate Opener Remote Control Switch Model G202 User Manual

Model: G202

Brand: Lazmin112

1. INTRODUCTION

The Lazmin112 4G Gate Opener Remote Control Switch Model G202 is a device designed for remote access control of gates, doors, and other machinery. It utilizes 4G/GSM network technology, allowing operation via free calls or SMS commands from authorized phone numbers. This device supports up to 200 authorized users and is suitable for various applications including warehouses, parking lots, and control rooms. Its primary function is to provide a secure and convenient method for controlling access without the need for traditional remote controls or physical buttons.

2. SAFETY INFORMATION

- Ensure the power supply voltage (9-36V DC) matches the device's requirements to prevent damage.
- All wiring should be performed by a qualified professional to avoid electrical hazards.
- Do not expose the device to extreme temperatures, moisture, or direct sunlight.
- Keep the device away from flammable materials.
- Disconnect power before performing any maintenance or installation procedures.

3. PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1 x 4G Gate Opener (Model G202)
- 1 x Antenna
- 3 x Wiring Clamps
- 1 x User Manual



Image 3.1: Package contents including the G202 unit, antenna, and wiring clamps.

4. PRODUCT OVERVIEW

The Lazmin112 4G Gate Opener Model G202 features a compact design with essential components for remote access control. Key elements include the antenna connector, Nano SIM card slot, power input terminals, and relay output terminals.



Image 4.1: Front view of the Lazmin112 4G Gate Opener Model G202 with antenna.





Image 4.2: Detailed view of the SIM card slot and wiring terminals.

5. SETUP

5.1. SIM Card Installation

1. Ensure the device is powered off.
2. Locate the Nano SIM card slot on the device.
3. Insert a Nano SIM card into the slot, ensuring it is correctly oriented. The SIM card must be active and have sufficient credit for SMS commands if required.

5.2. Antenna Connection

1. Screw the provided antenna onto the ANT connector on the device.
2. Position the antenna for optimal signal reception.

5.3. Wiring and Power Connection

1. Connect the DC power supply (9-36V) to the '+' and '-' terminals. Observe polarity.

2. Connect the gate or machine switch to the 'NO' (Normally Open), 'COM' (Common), and 'NC' (Normally Closed) relay output terminals as required by your application. The device provides a 3A 240V AC rated output.
3. After all connections are secure, apply power to the device. The 'Run' indicator light should illuminate.

6. OPERATING INSTRUCTIONS

6.1. Remote On/Off Control via Call

The device can be activated by a free call from an authorized phone number. When an authorized number calls the device's SIM card number, the device will recognize the caller ID, reject the call (to avoid charges), and then activate the relay for a programmable duration. This allows for remote gate opening or closing.

6.2. Managing Authorized Phone Numbers (SMS Commands)

The G202 supports up to 200 authorized phone numbers. Users can be added or deleted using specific SMS text commands sent from a master authorized number.

- **Adding a User:** Send an SMS command in the format: ADD## (e.g., ADD#+6512345678#).
- **Deleting a User:** Send an SMS command in the format: DEL## (e.g., DEL#+6512345678#).
- **Listing Users:** Send an SMS command to receive a list of all authorized numbers. Refer to the full user manual for the exact command.

The device will send an SMS confirmation for successful additions or deletions.

6.3. Programming Relay Opening Time (SMS Command)

The duration for which the relay remains active after a trigger call is programmable.

- **Set Relay Time:** Send an SMS command in the format: TIME## (e.g., TIME#3# for 3 seconds). The relay operation sends an SMS confirmation to an authorized phone.

7. SPECIFICATIONS

Feature	Specification
Model	G202
Item Model Number	Lazmin112n5egurmvco
Card Slot	Nano SIM card
Network Compatibility	2G, 3G, 4G
Frequency (GSM)	B3/B5/B8 (1800/850/900)
Frequency (CDMA)	BCO (800 MHz)
Frequency (WCDMA)	B1/B5/B8 (2100/850/900)
Frequency (FDD)	B1/B3/B5/B7/B8/B20 (2100/1800/850/2600/900/800)
Frequency (TDD)	B38/B39/B40/B41 (2600/1900/2300/2500)
DC Power Supply	9-36V
Antenna Impedance	50Ω

Feature	Specification
Relay Output Rating	3A 240V AC
Authorized Phone Numbers	Up to 200

8. TROUBLESHOOTING

- **Device not responding to calls:**
 - Ensure the SIM card is correctly inserted and active.
 - Verify that the calling number is authorized in the device's memory.
 - Check for sufficient network signal strength.
 - Confirm the device is powered on and the 'Run' indicator is lit.
- **SMS commands not working:**
 - Ensure the SMS is sent from a master authorized number.
 - Verify the SMS command format is correct.
 - Check SIM card balance for SMS sending capability.
- **Relay not activating:**
 - Inspect wiring connections to the gate/machine switch.
 - Confirm the power supply is stable and within the specified range.

9. MAINTENANCE

- Keep the device clean and free from dust. Use a soft, dry cloth for cleaning.
- Regularly check all wiring connections for security and integrity.
- Ensure the antenna is securely attached and positioned for optimal signal.
- Avoid placing the device in areas with high humidity or extreme temperatures.

10. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided at the time of purchase or contact your retailer. Keep your purchase receipt as proof of purchase for any warranty claims.