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› **EMOS GoSmart WiFi Smart Garage Door Switch Module H5111 (IP-2131SW) Instruction Manual**

EMOS H5111

EMOS GoSmart WiFi Smart Garage Door Switch Module H5111 (IP-2131SW) Instruction Manual

Model: H5111 | Brand: EMOS

1. INTRODUCTION

The EMOS GoSmart WiFi Smart Garage Door Switch Module H5111 (also known as IP-2131SW) provides an advanced solution for controlling your garage door via Wi-Fi and a dedicated application. This module converts traditional garage door switches into smart switches, enabling automation and remote control from any location. It integrates seamlessly into your smart home system, offering enhanced security, comfort, and control.
This manual provides detailed instructions for the installation, operation, and maintenance of your EMOS GoSmart Garage Door Switch Module. Please read it thoroughly before installation and use.

2. SAFETY INFORMATION

WARNING: Electrical installation should only be performed by a qualified electrician or a person with sufficient knowledge of electrical systems. Always disconnect power at the main circuit breaker before performing any electrical work.

- Ensure the power supply is disconnected before installation or maintenance.
- The module operates at 230V~/50Hz. Do not exceed the maximum current rating of 10A.
- This device is designed for indoor use only.
- Keep the device away from water, moisture, and extreme temperatures.
- Do not attempt to repair or modify the device yourself. Contact qualified personnel for service.
- Ensure all connections are secure and properly insulated to prevent short circuits or electric shock.

3. PACKAGE CONTENTS

Verify that all items are present in your package:

- EMOS GoSmart WiFi Smart Garage Door Switch Module (H5111 / IP-2131SW)
- Magnetic Sensor Cable (Reed Contact)
- Instruction Manual (this document)

Image 3.1: EMOS GoSmart Garage Door Module H5111 packaging. Shows the product box with the module and a smartphone displaying the app interface.

Image 3.2: Magnetic sensor cable. This cable includes two magnetic contact parts (PS-3130N and PS-3150) and a long black cable for connection to the module.

4. PRODUCT OVERVIEW

The EMOS GoSmart H5111 module is a compact device designed to be installed behind your existing garage door switch. It features terminals for power input, connection to the garage door opener, and a sensor input for monitoring the door's status.

Image 4.1: Front view of the EMOS GoSmart WiFi Garage Door Module H5111, showing its input voltage (AC100-240V, 50/60Hz) and terminal labels (S1, S2, L, N, S3, S4). A smartphone displaying the "Closed" status of a garage door in the EMOS GoSmart app is shown next to it.
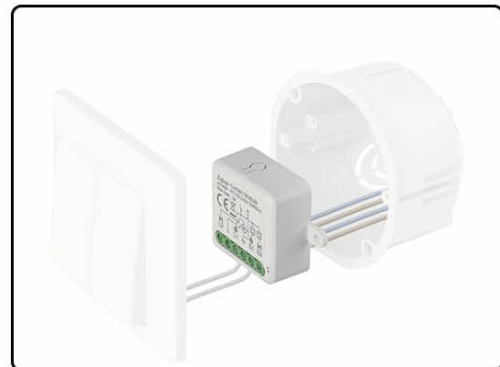
Image 4.2: Key features of the EMOS GoSmart Garage Door Module H5111, including WiFi Protocol, Timer Function, Remote Control, and Easy Installation. The module itself is depicted alongside these icons.

4.1. Terminal Descriptions

- **L (Live):** Connects to the live wire of your 230V AC power supply.
- **N (Neutral):** Connects to the neutral wire of your 230V AC power supply.
- **S1, S2 (Signal Cable):** Output terminals for connecting to your garage door opener's control input.
- **S3, S4 (Sensor Cable):** Input terminals for connecting the magnetic sensor cable to detect door status (open/closed).

5. SETUP AND INSTALLATION

5.1. Electrical Installation

IMPORTANT: Ensure power is OFF before proceeding. A neutral wire (N) is required for this module.

1. **Disconnect Power:** Turn off the main power supply to your garage at the circuit breaker.
2. **Access Switch Box:** Remove your existing garage door wall switch from its mounting box.
3. **Wire the Module:**

   - Connect the **Live (L)** wire from your power supply to the 'L' terminal on the module.
   - Connect the **Neutral (N)** wire from your power supply to the 'N' terminal on the module.
   - Connect the control wires from your garage door opener (typically the wires that go to your existing wall switch) to the 'S1' and 'S2' terminals on the module. The module acts as a dry contact switch.
   - Connect the magnetic sensor cable to the 'S3' and 'S4' terminals. The sensor detects the open/closed status of the garage door.

4. **Mount the Module:** This module is designed for easy installation under the switch in various types of hollow wall boxes, including standard European switch boxes. Carefully place the module into the wall box behind the existing switch.
5. **Install Magnetic Sensor:** Mount the two parts of the magnetic sensor on your garage door and door frame. Ensure they are aligned and close enough to each other when the door is closed, and separate when the door is open. This allows the module to accurately detect the door's status.
6. **Restore Power:** Once all connections are secure and the module is safely housed, restore power at the circuit breaker.

Image 5.1: Diagram illustrating the installation of a smart home switch module behind a wall switch in a European-style wall box. This shows the compact size and how it fits within the existing electrical infrastructure.

5.2. App Installation and Pairing

The EMOS GoSmart app is required to control your garage door module.

1. **Download the App:** Search for "EMOS GoSmart" in the Apple App Store (for iOS) or Google Play Store (for Android) and install the application on your smartphone.
2. **Register/Log In:** Open the app and follow the on-screen instructions to create a new account or log in if you already

have one.

3. **Add Device:**

   - Ensure your smartphone is connected to a 2.4 GHz Wi-Fi network. The module only supports 2.4 GHz Wi-Fi.
   - In the EMOS GoSmart app, tap the "+" icon to add a new device.
   - Select "Garage Door Opener" or a similar category.
   - Follow the app's instructions to put the module into pairing mode (this usually involves a specific button press sequence or power cycle on the module).
   - Confirm the Wi-Fi network and enter your Wi-Fi password when prompted.
   - The app will search for and connect to the module. Once connected, you can rename the device for easy identification (e.g., "Main Garage Door").

Image 5.2: A smartphone displaying the EMOS GoSmart app interface, showing a garage door icon with "Closed" status. A person is shown using a smartphone in a home setting, indicating remote control capabilities.

6. OPERATING THE MODULE

6.1. App Control

Once paired, you can control your garage door from anywhere using the EMOS GoSmart app.

- **Open/Close:** Tap the garage door icon or designated button in the app to open or close your garage door.
- **Status Monitoring:** The app will display the current status of your garage door (Open or Closed) based on the magnetic sensor input.
- **History:** View a log of when the garage door was opened or closed.

6.2. Timer Function

The app allows you to set schedules and timers for your garage door.

- **Schedules:** Set specific times for the garage door to open or close automatically (e.g., open at 7 AM, close at 9 PM).
- **Countdown:** Use the countdown function to automatically close the garage door after a set period if it's left open.

6.3. Voice Control Integration

The EMOS GoSmart module is compatible with popular voice assistants.

- **Amazon Alexa:** Enable the "EMOS GoSmart" skill in your Alexa app and link your account. You can then use commands like "Alexa, open the garage door."
- **Google Assistant:** Link your EMOS GoSmart account in the Google Home app. Use commands such as "Hey Google, close the garage door."

7. MAINTENANCE

- **Cleaning:** Wipe the module with a dry, soft cloth. Do not use liquid cleaners or solvents.
- **Firmware Updates:** Periodically check the EMOS GoSmart app for available firmware updates for your module to ensure optimal performance and security.
- **Sensor Check:** Regularly check the alignment and functionality of the magnetic sensor to ensure accurate door status reporting.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Module not responding / Offline in app	No power, Wi-Fi signal weak/disconnected, module in standby.	Check power connections to the module. Ensure your Wi-Fi router is working and the module is within range. Verify your Wi-Fi network is 2.4 GHz. Restart the module by cycling its power. If persistent, re-pair the device with the app.
Garage door not opening/closing via app	Incorrect wiring to garage opener, module offline, opener malfunction.	Check wiring between S1/S2 and the garage door opener. Ensure the module is online in the app. Test the garage door opener with its original wall switch.

Problem	Possible Cause	Solution
Incorrect door status in app	Magnetic sensor misaligned or faulty, sensor wires disconnected.	Check the alignment of the magnetic sensor parts on the door and frame. Ensure the sensor cable is securely connected to S3/S4 terminals.
Voice control not working	Skill not enabled, account not linked, incorrect commands.	Verify the EMOS GoSmart skill is enabled and linked in your Alexa/Google Home app. Use the correct voice commands as specified in the app or assistant documentation.

9. SPECIFICATIONS

Model Number	H5111 (IP-2131SW)
Brand	EMOS
Input Voltage	AC 100-240V, 50/60Hz
Max Current Rating	10 A
Operating Mode	ON-OFF
Connectivity	WiFi (2.4 GHz)
Contact Type	Normally Open
Material	Plastic
Product Dimensions (L x W x H)	5.9 x 3.9 x 1.9 cm
Weight	180 grams
Country of Origin	China

Related Documents - H5111

H4033 SE | EMOS GoSmart Videodörrklocka IP-20PoE SE | 1	[EMOS GoSmart Videodörrklocka IP-20PoE H4033 - Användarmanual och Specifikationer](#) Komplett användarmanual för EMOS GoSmart Videodörrklocka IP-20PoE (H4033). Inkluderar installation, konfiguration, funktioner, felsökning och tekniska specifikationer.
H4033 EE | EMOS GoSmart video uksekell IP-20PoE EE | 1	[EMOS H4033 GoSmart IP-20PoE Video Uksekell Kasutusjuhend](#) Lugege EMOS H4033 GoSmart IP-20PoE video uksekella kasutusjuhendit, et saada teavet paigaldamise, funktsioonide, ohutuse ja tõrkeotsingu kohta.
H4033 RS|HR|BA|ME | EMOS GoSmart video zvono za vrata IP-20PoE RS|HR|BA|ME | 1	[EMOS GoSmart video zvono za vrata IP-20PoE - Upute za uporabu i specifikacije](#) Ovaj dokument pruža detaljne upute za uporabu, sigurnosne smjernice, tehničke specifikacije i postupke instalacije za EMOS GoSmart video zvono za vrata IP-20PoE.
H4033 IT | EMOS GoSmart Video Doorbell IP-20PoE IT | 1	[EMOS GoSmart Video Doorbell IP-20PoE - Manuale Utente e Guida all'Installazione](#) Guida completa per il videocitofono EMOS GoSmart IP-20PoE. Include istruzioni di sicurezza, specifiche tecniche, metodi di installazione (PoE, LAN, Wi-Fi), configurazione dell'app EMOS GoSmart, gestione chip RFID e risoluzione dei problemi.
H4033 HU | EMOS GoSmart IP-20PoE video-kaputelefon HU | 1	[EMOS GoSmart IP-20PoE H4033 Video Kaputelefon Használati Útmutató](#) Ez a használati útmutató részletes információkat nyújt az EMOS GoSmart IP-20PoE H4033 videó kaputelefon telepítéséről, beállításáról és működéséről, beleértve a biztonsági előírásokat, műszaki jellemzőket és hibaelhárítást.

H4033

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[EMOS GoSmart Video Deurbel IP-20PoE - Gebruikershandleiding en Installatiegids](#)

Deze uitgebreide handleiding biedt gedetailleerde instructies voor het installeren, configureren en bedienen van de EMOS GoSmart Video Deurbel IP-20PoE. Leer meer over de functies, connectiviteitsopties en tips voor probleemoplossing.