

PS Gate Full User Guide

Control Your Doors with Your Smartphone

PS Gate is a Wi-Fi-enabled door controller for automating and managing access to your garage and entrance doors, gates, or barriers. Operate and monitor doors remotely with the proSmart app.

- **Remote App Control:** Open and close your doors from anywhere using your smartphone.
- **Real-Time Monitoring:** Get up-to-date status and activity of your doors with the included wired magnetic sensor.
- Shared Access: Share and revoke access with unlimited users.
- **Custom Schedules:** Automate door operations with custom schedules.
- Countdown Timer: Hold doors open for a predefined time.
- **Dual Control Modes:** Supports both pulse and state (on/off) modes for compatibility.

PS Gate is compatible with:

- Garage doors
- Entrance doors
- Barriers
- Roller shutters
- Industrial doors
- Bollards
- Turnstiles
- Access control systems
- Intercoms

Technical specifications

Switching socket	3A
Air humidity during transportation	from 5% till 90% without condense
Charging block	8-36V AC/DC
Working frequency	Wi-Fi (b/g/n) 2,4GHz
Size	90,2 × 53,3 × 56,5 mm (LxWxH)
Working temperature	0°— + 45°C
Storage temperature	-20°— + 60°C
Working humidity	5% — 90% without condense
Ambient temperature during transportation	from –20°C till +60°C
Network topology	Wireless communication
Protection degree, provided by the shell	IP20 – in installation position



Safety Instructions

Please read carefully before using the device.

General Safety

You are responsible for the device's usage and any caused damages. Handle the device gently and keep it clean, away from dust and open flames. Do not disassemble the device; only qualified professionals should do so. Operating temperature: 0°C to +45°C. Storing temperature: -20°C to +60°C.

Electric Safety

Only use the specific power supply unit as indicated. Keep the device away from water or other liquids to prevent short circuits. Damaged power cables are a life threat. Repair by professionals only.

Children Safety

Do not leave children unattended with the device. Keep small components away from children to prevent injuries or choking hazards.

Environment Limitations

Do not use the device in potentially explosive environments like gas stations or chemical plants. Avoid using the device in areas with high humidity or temperature fluctuations.

Maintenance and Repairs

Unplug the device and seek professional help if it gets damaged or exposed to moisture. Do not use the device near heating sources or in humid environments. Wait for moisture to evaporate if the device is exposed to temperature changes.

EU Regulations and Disposal

Dispose of the device according to the European directive on waste electrical and electronic equipment (WEEE). Complies with Directive 2002/95/EC (RoHS) on the restriction of hazardous substances. The product complies to the requirements of EN 50491-3



The PS Gate is meant to be used with garage/gate operators equipped with photo-eye safety sensors. These sensors are normally found at the bottom of your garage/gate and avoid accidental closing of your gate if an object or person is on the path of the gate.

Package content:

- 1 central control block
- 1 user manual for installation
- 1 magnetic door sensor
- 1 pcs mounting bracket
- 2 pcs dowel nails
- 2 pcs fasteners

Unpack the device and take the two main elements out of the box. (Fig. 1) Connect PS Gate to a chosen electric device or appliance.

Fig. 1







Step 1: Powering the devices



The device operates on 8–36V AC/DC. Ensure all power is turned off during installation.

PS Gate has a wide operating voltage range, allowing you to power it directly from the dedicated terminals on your gate control board. (Fig. 2)



Alternatively, if a suitable power source is not available on the control board, you can use an external adapter to provide power to the PS Gate unit. (Fig. 3)





Step 2: Wiring Instructions



The max load of the switching socket is 3A.

Connect the PS Gate to your garage opener, gate opener, barrier, or electric lock. (Fig. 4)



COM (Common): Connect this terminal to the **OV**, **GND**, or **COM** terminal of the device you're controlling.

NO (Normally Open): Connect this terminal to the trigger input on your device. This could be one of the following terminals, depending on the manufacturer's naming convention: **IMPULSE**, **CYC**, **START**, **SW**, **TRG**, **WALL BUTTON**, etc.

When the relay is activated, it will open the circuit between **COM** and **NO**, triggering your device to open or close.

Note:

If you want to reverse the logic in State mode (for example, having the relay open the door when it is not activated), you can connect **NC** and **COM**.

Step 3: Connect Magnetic Sensor (Optional)

Plug the sensor into the jack on the PS Gate and mount it on the wall so that when the two parts are aligned, the door shows as closed; when separated, it shows as open. (Fig. 5)





After connecting the device to the Wi-Fi, you have to activate the sensor from the device settings in the proSmart app.

Step 4: Download the proSmart App

1. Download and install

Web App: my.prosmartsystem.com

Mobile App: Search "proSmart" in Google Play or Apple App Store.



2. Creating your account

If you access the website or the app for the first time, select 'Register' to create a new account. You can register using an email and password (Fig. 6) or connect your profile using your Google or Facebook account. Once registered, log in to the website or app using your new credentials (Fig. 7). This will allow you to pair and manage your PS Gate device in the next steps.



3. Allow all permissions for the app

To be able to connect your device to the Wi-Fi with the proSmart app and have access to all features, you have to allow all necessary permissions for the app.

Step 5: Connecting the PS Gate to Wi-Fi



Wi-Fi 2.4 GHz required.

1. Enter Setup

Press and hold the button on the central block for **5 seconds**. (Fig. 8)





Pressing the button for 5 seconds after entering setup mode will reset the device to its default settings.

2. Smart Config Mode

Hold the button for 5 seconds. In this mode, the blue LED blinks rapidly. Connect your phone to the desired Wi-Fi network.

Switch off the mobile data. Open the proSmart app. Click "Add Device" and select "Smart Config". (Fig. 9)

Under the SSID, type in your Wi-Fi password. Click "Search" and wait for confirmation. (Fig 10)





If Smart Config mode was successful, proceed to Step 7.

3. AP (Access Point) Mode

Hold the button for 5 seconds to enter setup. In order to activate Access Point, quickly double-click the button on the PS Gate device. The blue LED blinks slower than in Smart Config mode.

From your smartphone, tablet, or laptop, search for available Wi-Fi networks. Look for a network named **ProSmart_AP_xxx** followed by a unique combination of letters and numbers (e.g., ProSmart_AP_81). Connect to this network. No password is required.

Switch off the mobile data.

Upon connecting to the proSmart network, your browser should automatically open the configuration page. (Fig. 11)



If the page does not load automatically, open your web browser manually. Enter the following address in your browser: **ap.prosmart.com** or **192.168.10.1**

On the configuration page, select your desired Wi-Fi network from the list. Type in the password for your Wi-Fi network. Click the **"Connect"** button (Fig. 12)



Open the proSmart app, click **"Add device"**, then enter the serial number found on the device and its box. (Fig. 13)

Fig. 13 Manual



Congratulations! You've connected your device to the Wi-Fi. Blue LED blinks every 3 seconds when connected.

Once connected to the Internet, the PS Gate device becomes invisible to other devices on the network for security purposes. The only way to control it is through the user profile associated with the device.

Step 6: Control and preferences

🔁 Controls

Your PS Gate device features two buttons for control:

- **Power Button:** Opens/closes the door with the default action (pulse or state).
- Hold Door Open Button: Activates a timer to keep the door open. Sends a command to open the door and automatically closes it after the timer ends.

Settings

- 1. Device Name: Assign a custom name.
- 2. Time Zone: Set the correct time zone.
- **3. Work Mode:** In Manual mode, you open and close the door by pressing the power button, while in Schedule mode, the door operation is automated based on a custom schedule.
- 4. Default Action:
 - **Pulse:** Sends a brief signal to trigger the door.
 - **State:** Keeps the relay on/off like a switch.
- **5. Boost Action** (for the Hold Door Open Button):
 - **Pulse:** Sends an open pulse at the start and a close pulse when the timer ends.
 - State: Keep the door open for the timer duration.
- 6. Boost Time: Set how long the timer keeps the door open (in minutes).
- 7. Pulse Time: Adjust the pulse duration (500–3000 ms).
- 8. Garage Sensor: Enable or disable the sensor.
- **9. Icon:** Select an icon that represents your device (garage, door lock, barrier, or gate).

10. More Options: View the device's serial number or delete it from your system.



Switch to Work Mode: Schedule to enable automation.

Create schedules for specific times and days to open and close the door. If the default action is **pulse**, a single pulse is sent at the start of each period. If the default action is **state**, the relay is on during the open period and off during the closed period.

Without Sensor: The relay opens/closes the door based on the schedule without checking the door's status.

With Sensor: The relay operates based on the schedule but considers the door's current status. If the door is already open, no action is performed.



See the date and time of door operations. Check who opens and closes the door and exactly when.

Share Device

Grant access to others via email. Share access with an unlimited number of people. Choose between full and limited access. Revoke access at any time.

Step 7: Connecting PS Gate to Amazon Alexa

First, sign in to the proSmart app and set an easy-to-speak name for your devices. It is best to avoid using similar sounding words/names when choosing a name for each device. Also, avoid appending numbers to your device names. When it comes to choosing names for your different devices, simple names are better.

Next, open your Alexa app and go to the "Skills" section.Search for "proSmart". Once it is found, tap the proSmart skill to enable it. You will be asked to sign in to your proSmart account. Enter your proSmart account information. Tap "Discover Devices". Alexa will search for your proSmart devices. Alexa will take a few seconds to discover your devices.

Congratulations! You should see all your proSmart devices in your Alexa app.

Step 8: Troubleshooting

1. Door doesn't respond to commands from the app

- Ensure the PS Gate is plugged in and has power.
- Check if your Wi-Fi is working properly.
- Restart the PS Gate by unplugging it for 30 seconds and plugging it back in.
- Verify that the app is updated to the latest version.

2. Device shows as "Offline" in the app

- Check if the Wi-Fi signal is strong near the garage.
- Restart your Wi-Fi router.
- Reset the device and try reconfiguring Wi-Fi settings.

3. Hard Reset (Factory Reset)

- Press and hold the button on the PS Gate for 5 seconds until the device start blinking rapidly.
- Release.
- Hold the button again for 5 seconds.

Step 9: Servicing PS Gate

PS Gate is cleaned with a dry or slightly dampened towel. The use of aggressive or abrasive cleaning liquids is strictly forbidden.

The condition of the terminals, terminal connections, as well as the connection reliability of external wires needs to be checked every six months, and strengthened if needed.

If there are any signs of damage, users should contact the producer or an authorized service center for assistance.

Step 10: Warranty

The warranty of the device is 24 months from the date of purchase.

The serial number of the PS Gate device is unique and you need to present it in the event of a problem during the warranty period.

The warranty will not be recognized if any of the following events occur:

- Lost or counterfeited purchase receipt.
- Damages, caused from wrong installation and exploitation.
- Attempted repair from an unauthorized service provider.
- Chemical, electrical or other influence on the product, which is not part of its natural usage.
- Distorted physical integrity of the device

All claims under the warranty are to be directed at the shop the device had been bought from or directly at the manufacturer Pro Smart AD.

Video Instructions

For video installation instructions, please visit: https://youtu.be/8jAa3GCuP9k

Technical Support

If you experience any issues during the installation process or controlling your device, contact our support team.

https://prosmartsystem.com/en#contact_page

Manufacturer

Pro Smart AD 78 Maestro Kanev str. 1618 Sofia, Bulgaria

prosmartsystem.com

