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About this Manual
The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the EZVIZ ™ website (http://www.ezviz.com).

Revision Record
New release - October, 2026

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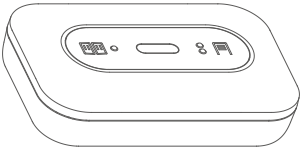
Important Safety Instructions

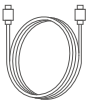
This device is designed to minimize driver distraction. However, the primary responsibility for safe driving always rests with the driver. Do not interact with or attempt to configure this device while driving. Always ensure the device is securely installed before starting your journey. Obey all local traffic laws and regulations regarding the use of electronic devices in vehicles.

Package Contents



In-Vehicle Gate Auto-Controller (×1)

USB-A to Dual-Output Cable (×1)



Type-C Cable (×1)

Quick Start Guide (×1)

Regulatory Information (×2)

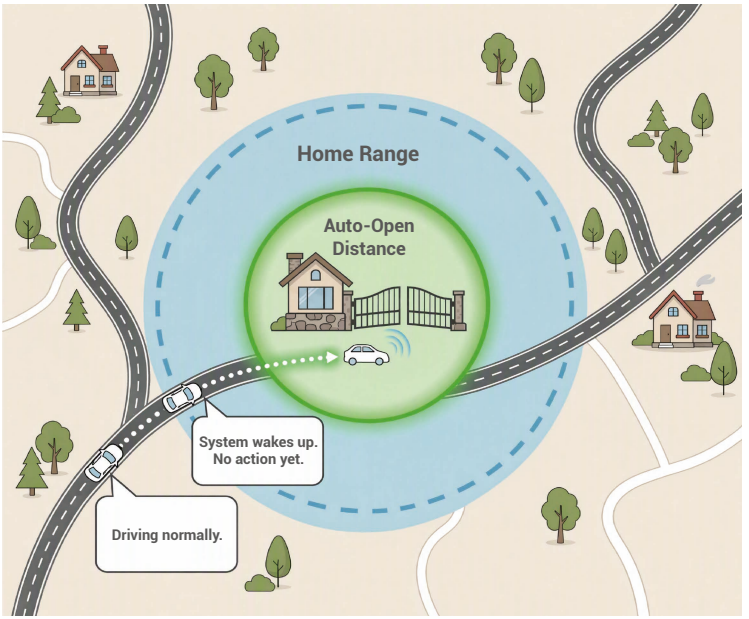
Product Introduction

1. Overview

The In-Vehicle Gate Auto-Controller (hereinafter referred to as "this controller") enables automatic gate opening at a customizable distance via the EZVIZ app, helping you save time at the entrance when returning home. If needed, you can also operate the gate manually using the buttons for added flexibility.

Compatible with current EZVIZ smart gate openers and designed to support future models, this controller can be paired with up to two gate openers.

2. How It Works



- **Home Range**: a large, virtual circle around your home, defined during setup. When your car exits and re-enters this zone, the system activates and begins monitoring your approach. Note that entering the Home Range alone does not trigger the gate.
- **Auto-Open Distance**: a customizable distance from your gate, based on your preference. Once you enter the Home Range and drive within this distance, the controller connects to your gate opener and sends it a signal. The gate will open automatically, providing a seamless, hands-free entry.

With this controller, you don't need to press a button on a remote controller anymore. When you drive home, your gate will open automatically — welcoming you back without you lifting a finger.

Privacy Protection:
This controller operates entirely offline. All GPS data related to your vehicle is processed and stored locally on the controller. No location data is uploaded to the cloud or shared with any third party.

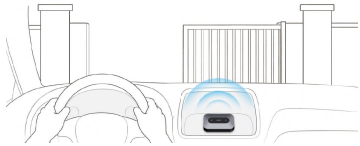
3. Key Features

Open Before You Arrive

Automatically detects your approach and opens the gate before you arrive, ensuring a smoother experience and saving you time.

Open Hands-Free on Arrival

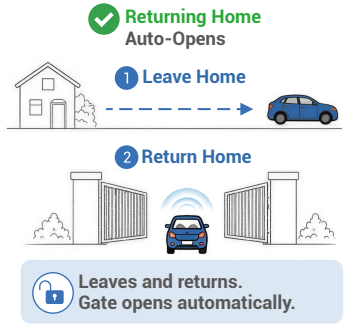
Eliminates the need for a traditional remote controller and opens your gate automatically, allowing you to keep both hands on the wheel for a safer arrival.



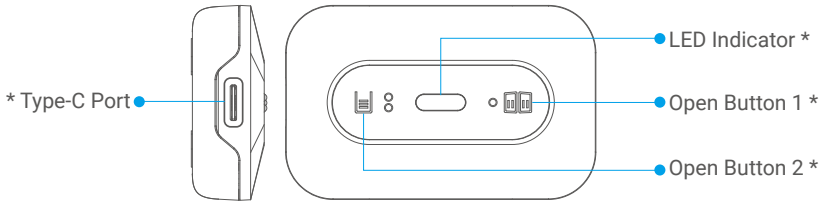
Avoid False Triggers

Prevents false triggers when lingering nearby and opens automatically when returning.

Lingering Nearby	Returning Home
When your car is parked or lingering near the entrance (outside the auto-open distance), the gate will remain closed and will not automatically open.	The gate will only open automatically when the system senses your car leaving and then returning home.



Basics



Name	Description
Open Button	**Enter pairing mode:** Press and hold any button for at least 5 seconds to enter pairing mode. When the LED indicator turns fast-flashing blue, release the button. **Open gate:** If you have two gate openers (installed at the same home: one for home entry gate and one for garage gate): • Press Open Button 1 once to open your home entry gate. • Press Open Button 2 once to open your garage gate. If you have two homes (both installed with a gate opener): Press Open Button 1 or 2 once to open the corresponding home entry gate. For details about correspondence between open buttons and gates, refer to **"Pairing Instructions"**.
LED Indicator	**In normal working mode:** Slow-flashing red: Powering on. Fast-flashing red: Home location not found. Solid red: Hardware fault. Slow-flashing green: GPS positioning in progress / Signal lost. Fast-flashing green: Auto gate opening failed, resending command. Solid green: Device storage error. Flashing in blue and green alternately: OTA upgrading. Blue then dimmed: Gate opening command sent. Slow-flashing blue: Obtaining home information. Fast-flashing blue: Configuration or log uploading in progress. **In pairing mode:** Red then dimmed: Pairing failed and restored to the original status. Fast-flashing blue: Entering pairing mode. Solid blue: Pairing successful.
Type-C Port	Connect to a power supply via the cable included in the package.

Pairing Instructions

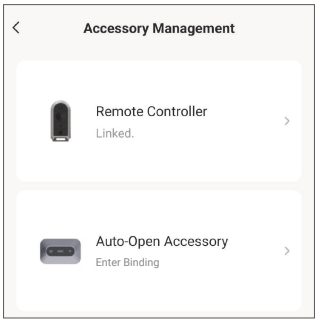
- This controller can be paired with two EZVIZ gate openers at most. If you have two homes or you have two gates in your home, just one controller is enough.
- One EZVIZ gate opener supports up to 8 controllers (including Remote Controllers and In-Vehicle Gate Auto-Controllers). If you have more than one car, it is recommended to purchase multiple controllers as needed.
- Ensure Bluetooth is enabled on your phone.
- The app interface may be different due to version update.

Important Notice: Avoid Conflicting Automation Settings

The EZVIZ app's "Arrive/Leave Somewhere" automation performs a similar function as this controller—it can also open the gate automatically. If both are enabled at the same time, their triggering logic will conflict and may open the gate unexpectedly.

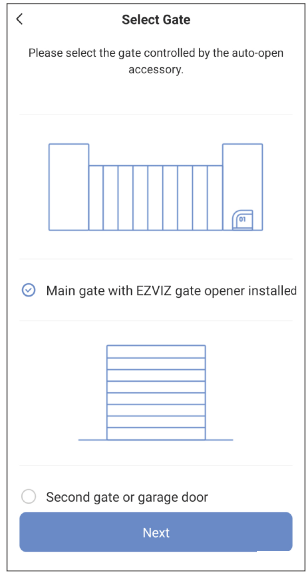
Because this controller triggers more reliably, please disable any "Arrive/Leave Somewhere" automation you have already set up before pairing the controller.

1. Open your EZVIZ app, go to the settings page of the gate opener, and tap "Accessory Management".
2. Tap the "Auto-Open Accessory" card.

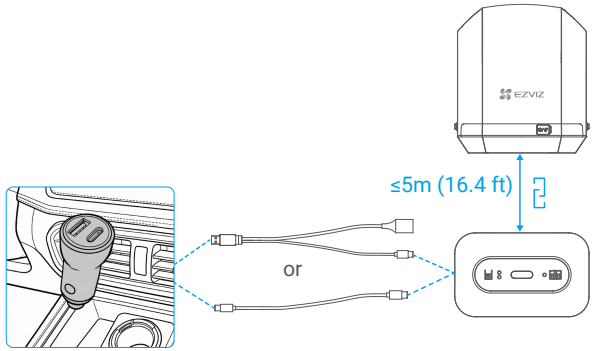


3. Tap "Tutorial" to watch the tutorial video and read the usage notes.
4. Tap "Add Auto-Open Accessory".
5. Select the gate to be controlled by the controller and tap "Next".

Use case	How to select
Only one gate opener	• If your gate opener controls your home entry gate, select "Main gate with EZVIZ gate opener installed"; • If your gate opener controls your garage, select "Second gate or garage door".
Two homes, each installed with a gate opener (distance between two homes: >100m)	You can select either option (depending on the gate opener you're pairing).
Two gate openers (installed at the same home: one for home entry gate and one for garage gate)	1. Go to the settings page of the home-gate opener, select "Main gate with EZVIZ gate opener installed". 2. Go to the settings page of the garage-gate opener, select "Second gate or garage door".

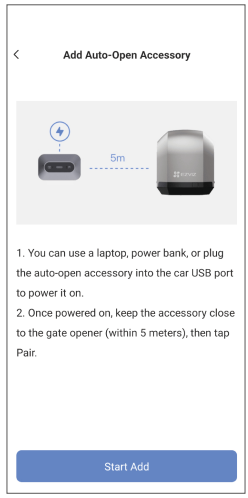


3. Use one of the included cables (USB-A to Dual-Output Cable or Type-C Cable) to connect the controller to your car's power output port to power it on, **ensuring that the controller is within 5 meters (≈16.4 feet) from the gate opener.**

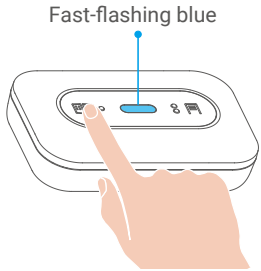


- Ensure that the gate opener is connected to power and Internet.
- During the pairing process, you can also use a power bank to power on this controller for operation convenience.
- The gate opener shown in the figure is for illustrative purposes only. This controller is compatible with all current EZVIZ smart gate openers, as well as future models.

4. Tap "Start Add".



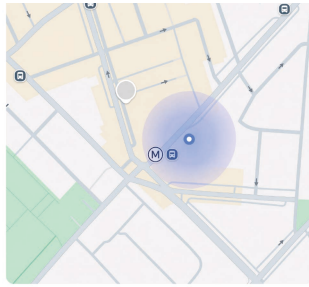
5. Within 60 seconds, confirm the LED indicator on the controller is fast-flashing blue. If not, press and hold any button on the controller for at least 5 seconds until the LED indicator turns fast-flashing blue.



6. Wait until the controller is successfully added.
7. Set the Home Range and the Auto-Open Distance.

   Home range

   When your car remains within this range (default: approximately 200 meters from the gate opener), the controller in your car will not initiate detection immediately, and the automatic gate opening function will not be triggered. **Once your car leaves this range and re-enters it**, the system will activate precise distance detection, and the gate will open automatically only when it enters the Auto-Open Distance.



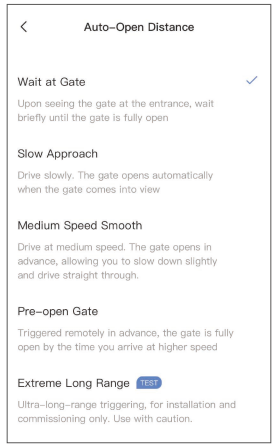
For example:

If the distance is set to 200 meters, the gate will not open automatically when your car is parked at home or driving within the 200-meter radius. When you drive out of the 200-meter radius and re-enter it, the precise distance detection will activate (note: this will not open the gate immediately). Once your car reaches the specified distance set for precise detection, the gate will open automatically.

- Please set this range near the location where the gate opener is installed to ensure accurate home positioning.
- A smaller range prevents the issue where short trips away from home fail to trigger the system (if the range is set too large, certain short-distance trips may be misidentified as never having left home).
- A larger range ensures the gate opener enters the precise detection mode earlier (if the range is set too short and your car is driving at a higher speed, the system may not have enough time to fully initiate detection).
- This range does not need to be highly precise; it is used solely for preliminary positioning.

Auto-Open Distance

Five auto-open distances are provided. Based on the instructions in the app, choose a distance as needed.



- The distances provided for choice are estimates. Actual results may vary depending on your car, the installation position of the controller, and the surrounding environment.
- The last distance setting is intended for installation and testing only. The maximum range (over 100 meters) may trigger the gate to open at unexpected distances. For everyday use, choose a setting that suits your driveway length.
- To maintain a stable detection signal, avoid placing metal objects near the controller whenever possible.

8. Once pairing is complete, install the controller in your car and connect it to the power output port. Make sure the buttons face upward and keep the surrounding area clear of obstacles to ensure a strong signal.

Test Automatic Opening

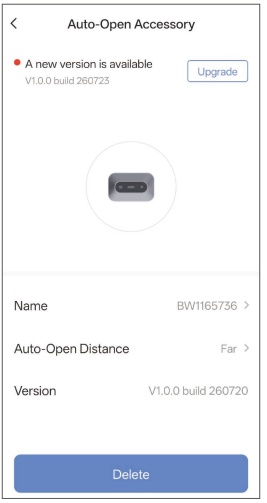
Now, take your car for a short drive. Leave your Home Range, then drive back home. As you approach, your gate will open automatically — welcoming you back without you lifting a finger.

- It is recommended that your way heading home take at least five minutes (from when you start your car until it enters the home range).
- All EZVIZ smart gate openers support the auto closing function, eliminating the need to worry about closing the gate or operating it manually. For details, you can configure the auto closing settings on the EZVIZ gate opener settings page.
- You can also open your gate by pressing the button on this controller.
- Linkage between EZVIZ smart gate openers and third-party gate openers can be achieved using an EZVIZ Wi-Fi relay. When the EZVIZ smart gate opener opens the gate, the linked Wi-Fi relay sends a command to the third-party gate opener so as to open the corresponding gate.

Upgrade Instructions

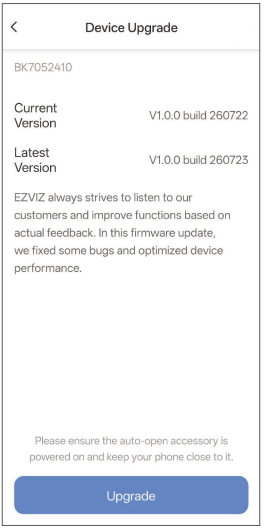
Follow the steps below to check whether there is an available upgrade for your controller.

1. Open your EZVIZ app, go to the settings page of the gate opener, and tap "Accessory Management".
2. Tap the "Auto-Open Accessory" card.
3. Select your controller to enter its detail page. A new version banner appears at the top.



4. Tap "Upgrade" in the new version banner.

   - Ensure the controller is powered on.
   - Keep your smartphone within 3 meters (10 feet) of the controller during the process.
   - It is recommended that the controller be within 10 meters (33 feet) of the paired gate opener. If the controller is not within 10 meters, you can still upgrade it. However, the new version banner may persist even after a successful upgrade; this does not affect functionality.



5. Tap "Upgrade". Wait until the upgrade is complete and the controller is restarted.

   If the upgrade fails, please try again or contact EZVIZ customer support at *support@ezviz.com*.

Information for Private Households

1. Separate collection of waste equipment: Electrical and electronic equipment that has become waste is referred to as waste equipment. Owners of waste equipment must dispose of it separately from unsorted municipal waste. In particular, waste equipment does not belong in household waste, but in special collection and return systems.
2. Batteries and rechargeable batteries as well as lamps: Owners of waste equipment shall, as a rule, separate waste batteries and rechargeable batteries that are not enclosed in the waste equipment, which can be removed from the waste equipment without being destroyed, from the waste equipment before handing them in at a collection point. This does not apply if waste equipment is prepared for reuse with the participation of a public waste management authority.
3. Options for returning waste equipment: Owners of waste equipment from private households can return it free of charge to the collection points of the public waste management authorities or to the take-back points set up by manufacturers or distributors within the meaning of the Electrical and Electronics Equipment Law. Stores with a sales area of at least 400 m² for electrical and electronic equipment and those grocery stores with a total sales area of at least 800 m² that offer electrical and electronic equipment several times a year or on a permanent basis and make it available in the market are required to take it back. This also applies in the case of distribution using means of distance communication, if the storage and shipping areas for electrical and electronic equipment are at least 400 m² or the total storage and shipping areas are at least 800 m². Distributors shall, in principle, ensure take-back by providing suitable return facilities at a reasonable distance from the respective end user. The possibility of returning waste equipment free of charge exists for distributors who are obliged to take it back, among other things, if a new similar device that essentially fulfills the same functions is delivered to an end user.
4. Privacy Notice: Waste equipment often contains sensitive personal data. This applies in particular to devices of information and telecommunications technology such as computers and smartphones. In your own interest, please note that each end user is responsible for deleting the data on the waste equipment to be disposed of.
5. Meaning of the symbol "crossed-out wheelie bin": The symbol of a crossed-out wheelie bin regularly depicted on electrical and electronic equipment indicates that the respective device is to be collected separately from unsorted municipal waste at the end of its service life.