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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 – January, 2025

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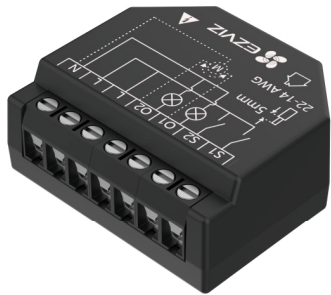
# Overview

T36 Wi-Fi Relay is a small form factor 2-channel smart switch with power measurement, which allows remote control of electric appliances through a mobile phone, tablet, PC, or home automation system. It can work standalone in a local Wi-Fi network or it can also be operated through cloud home automation services.

It can be accessed, controlled and monitored remotely from any place where the user has internet connectivity, as long as the device is connected to a Wi-Fi router and the Internet.

It can be retrofitted into standard electrical wall boxes, behind power buttons and light switches or other places with limited space.

## 1. Package Contents



Wi-Fi Relay (×1)



Pin (×1)



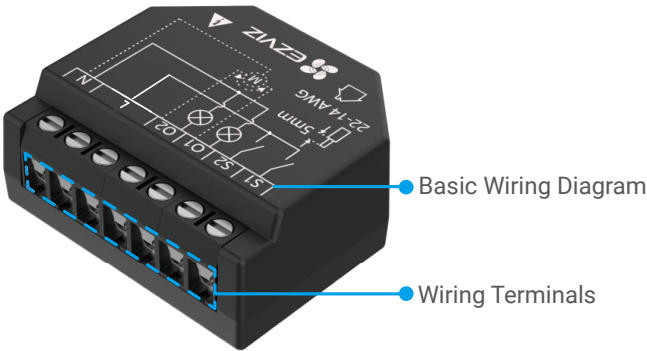
Regulatory Information (×1)



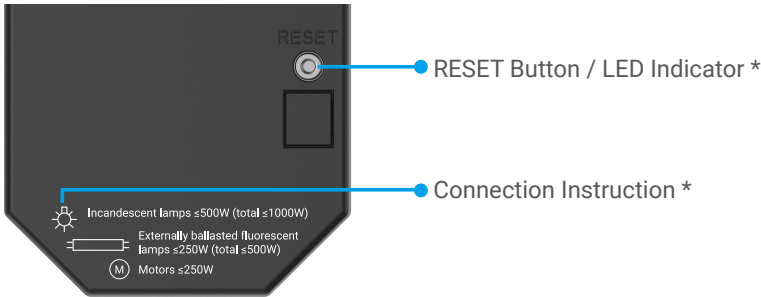
Quick Start Guide (×1)

 All device's appearances are subject to the one you have bought.

2. Basics



Front View



Back View

\* LED Indicator

- Solid blue: The device is connected to the Wi-Fi network.
- • Slow-flashing blue: The device is disconnected from the Wi-Fi network.
- • • Fast-flashing blue: The device is ready for Wi-Fi configuration.

**i** The RESET button functionality differs between T36-R100 and T36-R200 models. Please verify your device model before using the RESET button.

\* RESET Button (for T36-R100 model)

Use the pin to press and hold the RESET button for 5 seconds, the device will be restored to factory settings.

### \* RESET Button (for T36-R200 model)

#### Enter Wi-Fi configuration mode:

Use the pin to press and hold the RESET button for 4 seconds, the indicator becomes fast-flashing blue, indicating that the device is ready for Wi-Fi configuration.

- i** The Wi-Fi configuration mode lasts for 180 seconds. If you do not complete Wi-Fi configuration within this period of time, the device automatically reconnects to the original Wi-Fi network.

#### Restore to factory settings:

Use the pin to press and hold the RESET button for 10 seconds until the indicator becomes fast-flashing blue again, then release the button. The device will be restored to factory settings.

### \* Connection Instruction



The product can connect to externally ballasted fluorescent lamps (0 - 500W for 2 relays, 0 - 250W for each relay).

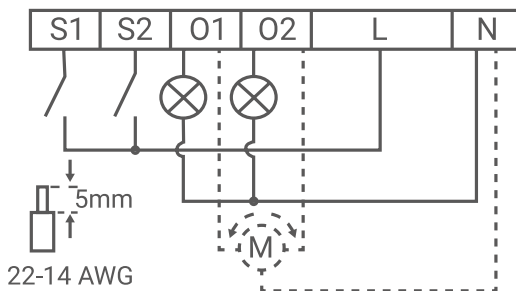


The product can connect to incandescent lamps (0 - 1000W for 2 relays, 0 - 500W for each relay).



The product can connect to the motor with 0 - 250W.

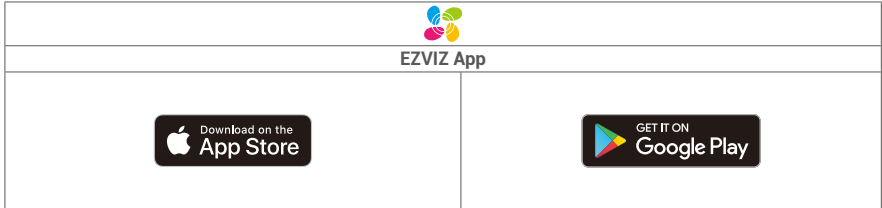
## Basic Wiring Diagram



Terminals		Cables	
N	Neutral Terminal	N	Neutral Cable
L	Live (100 - 240 VAC) Terminals	L	Live (100 - 240 VAC) Cables
O1, O2	Load Circuit Output Terminals		
S1, S2	Switch Input Terminals		

## Get the EZVIZ App

1. Connect your mobile phone to Wi-Fi (suggested).
2. Download and install the EZVIZ app by searching for “EZVIZ” in the App Store or Google Play™.
3. Launch the app and register an EZVIZ user account.



- i** If you have already used the app, please make sure that it is the latest version. To find out if an update is available, go to the app store and search for "EZVIZ".

## Add Your Device to EZVIZ App

1. Log in to your EZVIZ app account.
2. On the Home screen, tap “+” on the upper-right corner to go to the Scan QR Code interface.
3. Scan the QR code on the back of the device or on the cover of the quick start guide.



4. Follow the EZVIZ app wizard to finish the Wi-Fi configuration and add the device to your EZVIZ app account.

- i** After adding successfully, the LED indicator of the device will be solid blue.

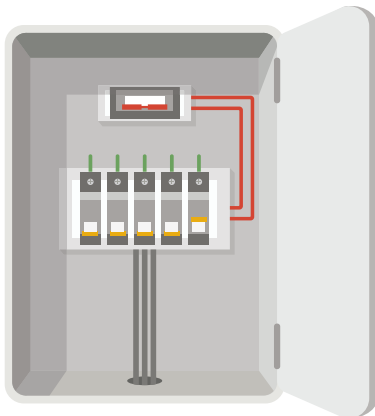
# Device Installation

- ⚠ • Before installation, make sure that there the cable insulation is not damaged.
- Please make sure that the installation should be performed by a qualified electrician.
- Every change in the connections has to be done after ensuring there is no voltage present at the device terminals!
- The device may be connected to and may control electric circuits and appliances only if they comply with the respective standards and safety norms!
- Do not connect the device to appliances exceeding the given max load!
- Connect the device only in the way shown in these instructions. Any other method could cause damage and/or injury!
- Do not attempt to service or repair the device yourself!

## 1. Turn Off the Power

Before mounting the device, turn the circuit breakers off, and use a phase tester or multimeter to check whether there is no voltage on their terminals.

- i You can only proceed to mount and wire the device when you are sure that there is no voltage on the device.



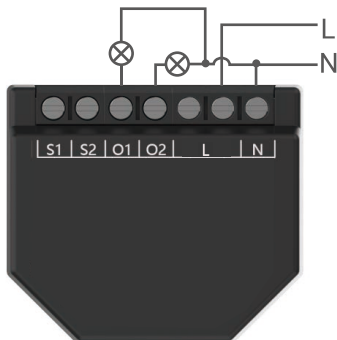
## 2. Connect the Wires

As a cover controller, the device can work in 2 modes: detached mode or dual input mode.

In detached mode, the device can be controlled through EZVIZ App only. Even if buttons or switches are connected to the device, they will not be allowed to control the motor rotation in detached mode.

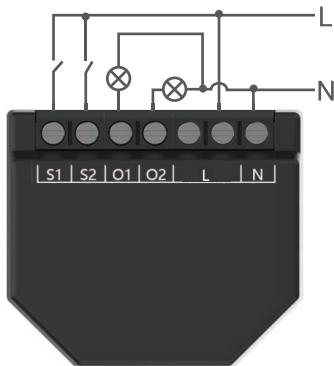
### For Switch Mode

#### Detached Mode



1. Connect both L terminals to the Live cable and the N terminal to the Neutral cable.
2. Connect the first load circuits to the O1 terminal and the Neutral cable. Connect the second load circuits to the O2 terminal and the Neutral cable.

#### Dual Input Mode



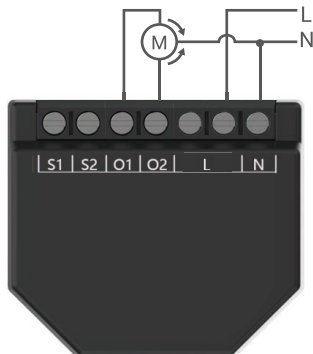
1. Connect both L terminals to the Live cable and the N terminal to the Neutral cable.
2. Connect the first load circuits to the O1 terminal and the Neutral cable. Connect the second load circuits to the O2 terminal and the Neutral cable.
3. Connect the first button/switch to the S1 terminal and the Live cable. Connect the second button/switch to the S2 terminal and the Live cable.

- If the input is configured as a button in the Device Settings, each button press cycles open, close, open, close...
- If the input is configured as a switch in the Device Settings, each switch toggle cycles open, close, open, close...



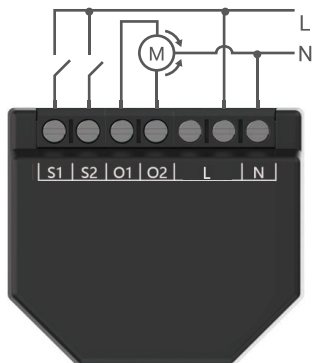
## For Motor Mode

### Detached Mode



1. Connect both L terminals to the Live cable and the N terminal to the Neutral cable.
2. Connect the common motor terminal/cable to the Neutral cable. Connect motor direction terminals/cables to the O1 and O2 terminals.

### Dual Mode



1. Connect both L terminals to the Live cable and the N terminal to the Neutral cable.
2. Connect the common motor terminal/cable to the Neutral cable. Connect motor direction terminals/cables to the O1 and O2 terminals.
3. Connect the first button/switch to the S1 terminal and the Live cable. Connect the second button/switch to the S2 terminal and the Live cable.

#### **i** In case the inputs are configured as buttons:

- Pressing a button when the motor is static, rotate the motor in the corresponding direction until the endpoint is reached.
- Pressing the button for the same direction while the motor is rotating, stops the it.
- Pressing the button for the opposite direction, while the cover is rotating, reverses the cover movement until the endpoint is reached.

#### **i** In case the inputs are configured as switches:


- Turning a switch on moves the motor in the corresponding direction until an endpoint is reached. Turning the switch off stops the motor rotation.
- If both switches are turned on, the Device will respect the last engaged switch. Turning off the last engaged switch stops the motor rotation, even if the other switch is still on.
- To rotate the motor in the opposite direction, the other switch has to be turned off and on again.

### 3. Install the Device

After the wiring is finished, install the device behind the switch or button by referring to the following figure, and then use a screwdriver to tighten the switch or button, and the installation is completed.

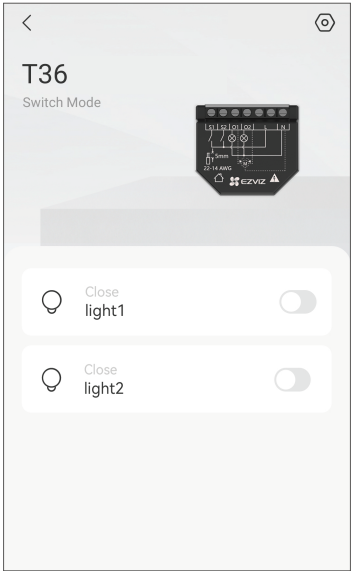





# Operations in the EZVIZ App

 The App interface may be different due to version update, and the interface of the App you installed on your phone shall prevail.

## 1. Wi-Fi Relay Page

When you launch the EZVIZ app, you can manage your device as needed.



Icon	Description
	Settings. View or change the device settings.
	Switch Page. Tap to enter the switch page (refer to <a href="#">“2. Switch Page”</a> ).
	Motor Page. Tap to enter the motor page (refer to <a href="#">“3. Motor Page”</a> ).

You can tap the  icon to configure the following parameters.

Parameter	Description
Name	Customize the name of your device.
Device Mode	Select device mode for your device.
Network Settings	View the Wi-Fi your device connected.
Device Information	You can see the device information here.
Delete	Tap to delete the device from EZVIZ app.

2. Switch Page



Icon	Description
	Share. Share your device with anyone you want.
	Settings. View or change the device settings.
	Switch. Tap to Open/close the light.
	Timer. Tap to set a scheduled plan.
	Power Meter. Tap to view the power meter.

You can tap the icon to configure the following parameters.

Parameter	Description
Name	Customize the name of your device.
Reverse Delay-action Switch	The device will be reversed automatically with a little time delay.
Device Type Settings	Set device input type and related parameters.

Parameter	Description
Security Settings	Set power protection, voltage protection, current protection and the max value of them.
Export History Data	Tap to export history data to your email box.
Device Information	You can see the device information here.
Share Device	You can share the device to your family members or guests.

3. Motor Page



Icon	Description
	Share. Share your device with anyone you want.
	Settings. View or change the device settings.
	Forward. Tap to control the motor to rotate forward.
	Reverse. Tap to control the motor to reverse.
	Pause. Tap to pause the rotation of the motor.
	Timer. Tap to set a scheduled plan.

You can tap the  icon to configure the following parameters.

Parameter	Description
Name	Customize the name of your device.
Motor Reverse	Tap to reverse the operation direction of the motor.
Button Rotate Settings	Set the execute operations for two buttons.
Travel Calibration	Follow the instructions to complete calibration.
Security Settings	The device will be automatically powered off when reached to the max current you set.
Device Information	You can see the device information here.
Share Device	You can share the device to your family members or guests.

## 1. Use Amazon Alexa

These instructions will enable you to control your EZVIZ devices with Amazon Alexa. If you run into any difficulties during the process, please refer to **Troubleshooting**.

### Before you start, make sure that:

1. EZVIZ devices are connected to the EZVIZ app.
2. You have an Alexa-enabled device (i.e Echo Spot, Echo-Show, All-new Echo-Show, Fire TV (all generations), Fire TV stick (second generation only), or Fire TV Edition smart TVs).
3. The Amazon Alexa app is already installed on your smart device, and you have created an account.

### To Control EZVIZ devices with Amazon Alexa:

1. Open the Alexa app and select "Skills and Games" from the menu.
2. On the Skills and Games screen, search for "EZVIZ", and you will find "EZVIZ" skills.
3. Select your EZVIZ device's skill, then tap **ENABLE TO USE**.
4. Enter your EZVIZ username and password, and tap **Sign in**.
5. Tap the **Authorize** button to authorize Alexa to access your EZVIZ account, so that Alexa can control your EZVIZ devices.
6. You will see "EZVIZ has been successfully linked", then tap **DISCOVER DEVICES** to allow Alexa to discover all your EZVIZ devices.
7. Go back to Alexa app menu and select "Devices", and under devices you will see all your EZVIZ devices.

### Voice Command

Discover a new smart device via the "Smart Home" menu in the Alexa app or the Alexa Voice Control function.

Once the device is found, you can control it with your voice. Speak simple commands to Alexa.

- ❗ Your device's name for example: "show xxxx device," can be changed in the EZVIZ app. Each time you change the name of the device, you will need to discover the device again to update the name.

## Troubleshooting

Q: What should I do if Alexa fails to discover my device?

- A:
1. Check if there are any Internet connecting problems.
  2. Try to restart the smart device and re-discover the device on Alexa.

Q: Why the device's status is "Offline" on Alexa?

- A:
1. Your device might have been disconnected from the network. Restart the smart device and re-discover on Alexa.
  2. Check if your router is connected to the Internet and try again.

- ❗ For details about countries where Amazon Alexa is available, see Amazon Alexa's official website.

## 2. Use Google Assistant

With the Google Assistant, you can activate your EZVIZ device and watch live by speaking Google Assistant voice commands.

### **The following devices and apps are required:**

- 1.A functional EZVIZ app.
- 2.A TV with functional Chromecast connecting to it.
- 3.The Google Assistant app on your phone.


### **To get started, follow the steps below:**

- 1.Set up the EZVIZ device and make sure it works properly on the app.
- 2.Download the Google Home app from the App Store or Google Play Store™ and log into your Google account.
- 3.On the Myhome screen, tap “+” on the upper-left corner, and select "Set up device" from the menu list to go to the Set up interface.
- 4.Tap **Works with Google**, and search for "EZVIZ", where you will find "EZVIZ" skills.
- 5.Enter your EZVIZ username and password, and tap **Sign in**.
- 6.Tap the **Authorize** button to authorize Google to access your EZVIZ account, so that Google can control your EZVIZ devices.
- 7.Tap **Return to app**.
- 8.Follow the above steps to complete the authorization. When synchronization is completed, EZVIZ service will be listed under your list of services. To see a list of compatible devices under your EZVIZ account, tap on the EZVIZ service icon.
- 9.Now try some commands. Use the name of the device that you created when you set up the system.

Users can manage devices as a single entity or in a group. Adding devices to a room allows users to control a group of devices at the same time using one command.

See the link for more information:

<https://support.google.com/googlehome/answer/7029485?co=GENIE.Platform%3DAndroid&hl=en>

 Amazon Alexa and Google Assistant are not available for the device under Motor mode.



# Specification

Parameter	Description
Product Size (H*W*D)	43.8 × 38.5 × 18.5 mm
Power Supply	100-240 VAC, 50/60 Hz
Power Metering	Support
Electrical Consumption	<1.5 W
Working Temperature	-10°C ~ 45°C
Controlling Elements	2 relays
Controlled Elements	2 circuits or a bi-directional AC motor
Max Switching Voltage	250 VAC
Max Cuurent Per Channel	10 A
Total Max Current	16 A
Wi-Fi	Support
Radio Protocol	Wi-Fi 802.11b/g/n Wi-Fi 802.11ax (only supported by T36-R200 model)

## 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 m<sup>2</sup> for electrical and electronic equipment and those grocery stores with a total sales area of at least 800 m<sup>2</sup> 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 m<sup>2</sup> or the total storage and shipping areas are at least 800 m<sup>2</sup>. 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.