Installation Guide



C2161N

Wi-Fi Outdoor Relay Switch

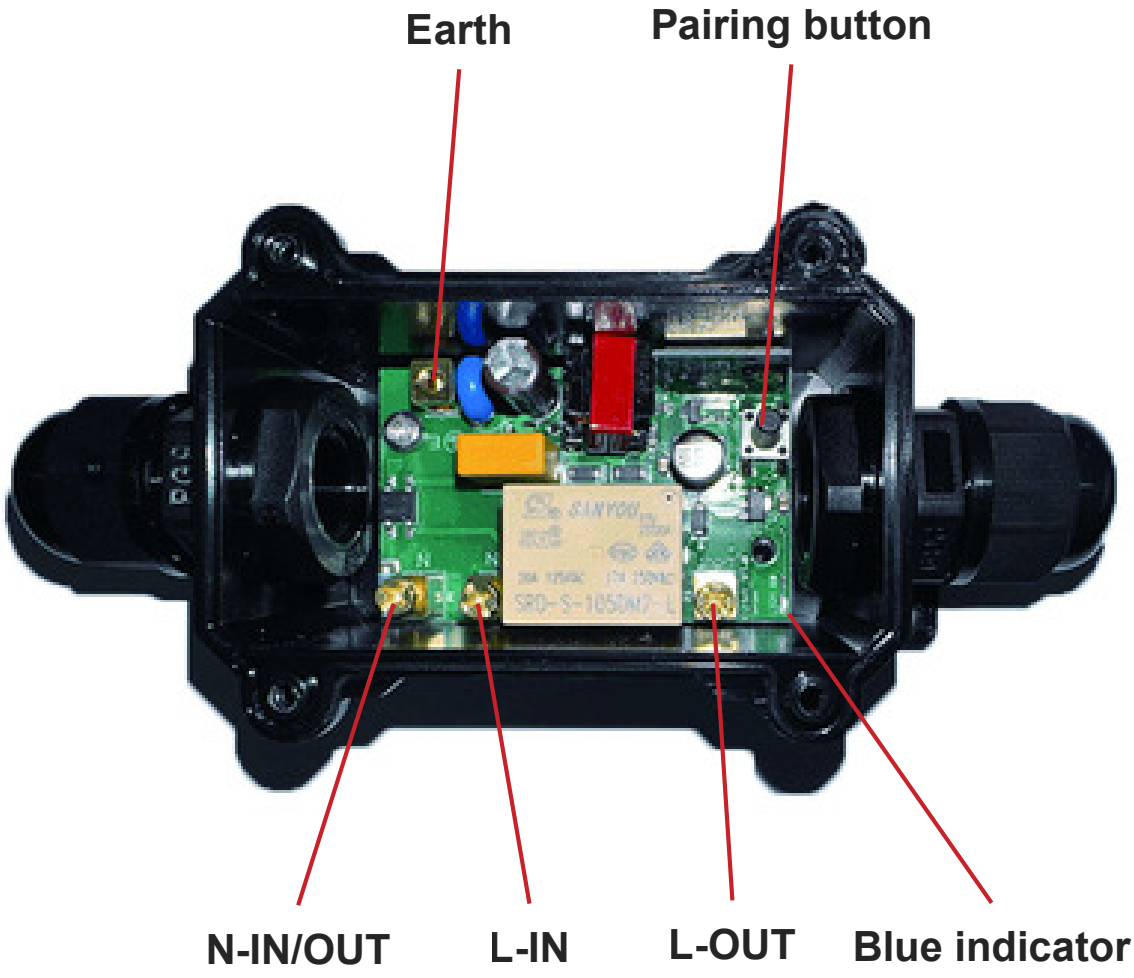
Control via the Smart Life app.

Technical parameters

Input / output	100–240 V AC 50/60 Hz
Rated current	16 A max.
Resistive load	3680 W max. 230–240 V AC only
LED load	800 W max. 100–240 V AC
Wireless protocol	2.4 GHz Wi-Fi only
Housing	Black PC

Do not exceed 16 A at any supply voltage. Observe the separate resistive and LED load limits above.

1. Product and terminal identification



Isolate the mains supply before opening or refitting the cover, or touching the terminals.

2. Supply and load connections

Isolate the mains supply before wiring or servicing. Installation must be carried out by a qualified electrician.

Connect the supply and load conductors to the terminals shown on page 3.

L-IN	Live from the mains supply
L-OUT	Switched live to the load
N-IN/OUT	Neutral connection for the supply and load
Earth	Protective earth connection

Internal button access is for a qualified electrician only. Never press the button with your fingers or touch internal components. Follow the manufacturer's safe commissioning procedure.

3. Connect to Wi-Fi

Download Smart Life from the App Store or Google Play, or scan the QR code below.

Open Smart Life. Create an account, or sign in with your existing account.

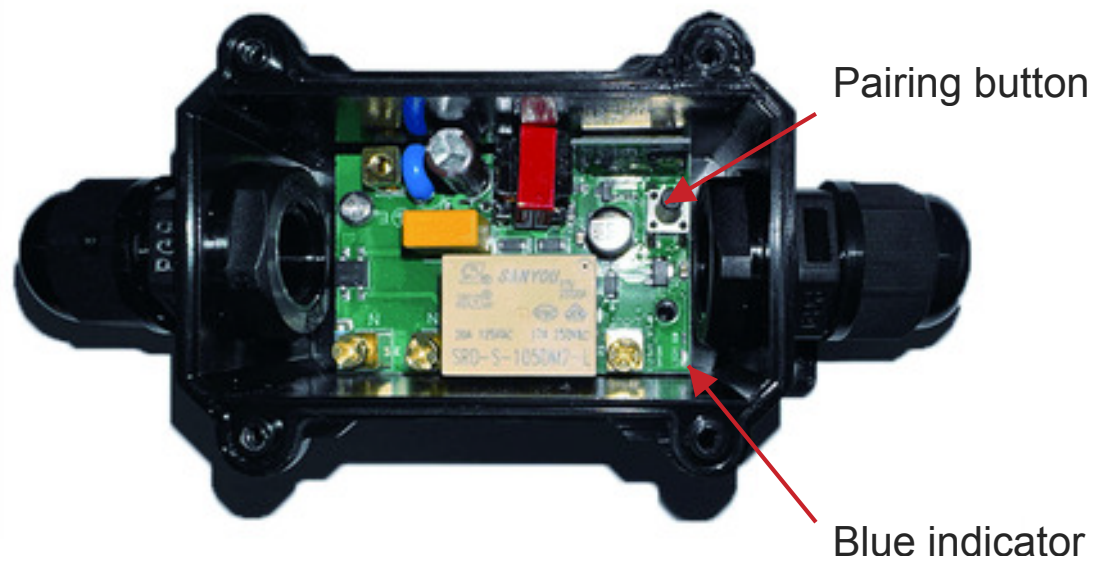
Smart Life app

Use a 2.4 GHz Wi-Fi network. 5 GHz is not supported.

Turn on Bluetooth on your phone before adding the receiver.

4. Enter Wi-Fi pairing mode

1. Connect the receiver to its AC supply.
2. Turn on Bluetooth on your phone.
3. Hold the pairing button for about 9 seconds.
4. Release it when the blue indicator flashes.
5. Open Smart Life and tap + to add a device.

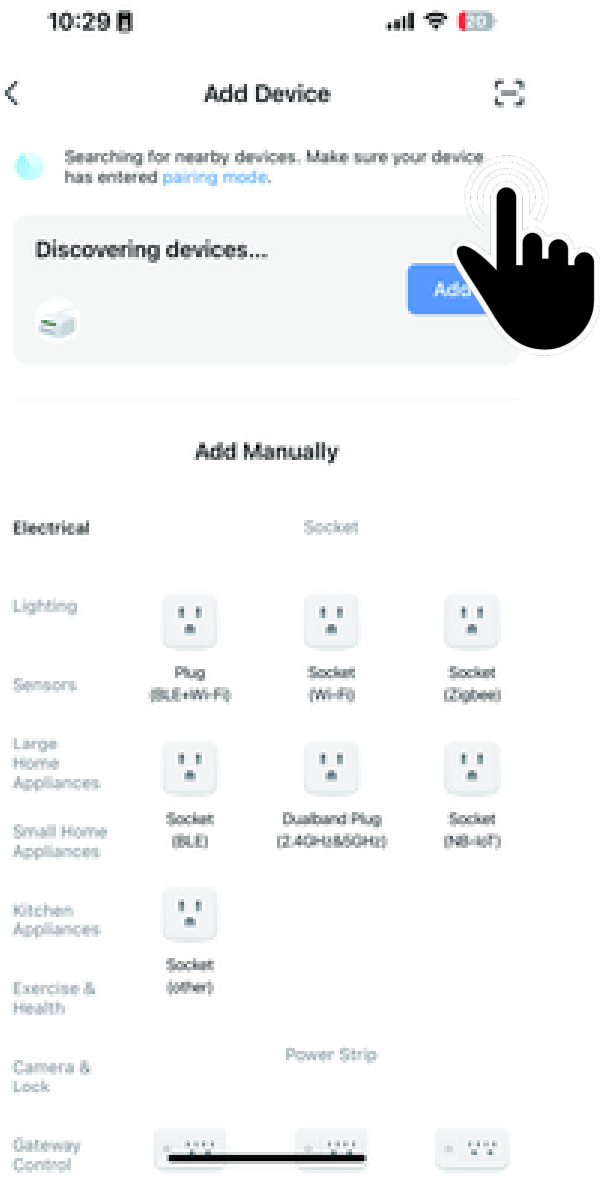


The flashing blue indicator shows that the receiver is in Wi-Fi pairing mode.

Internal button access is for a qualified electrician only. Do not press it with your fingers. See the commissioning precautions on page 4.

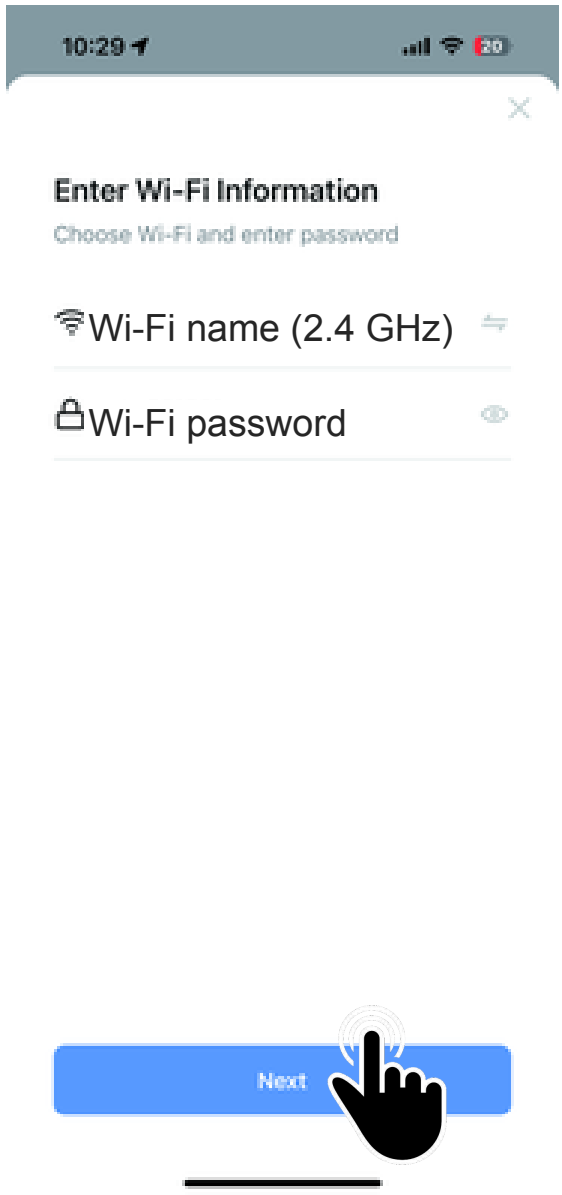
5. Add the receiver

In Smart Life, tap +. Select the receiver when it appears in the device discovery list.



6. Enter Wi-Fi information

Select your 2.4 GHz Wi-Fi network, enter its password and tap Next.

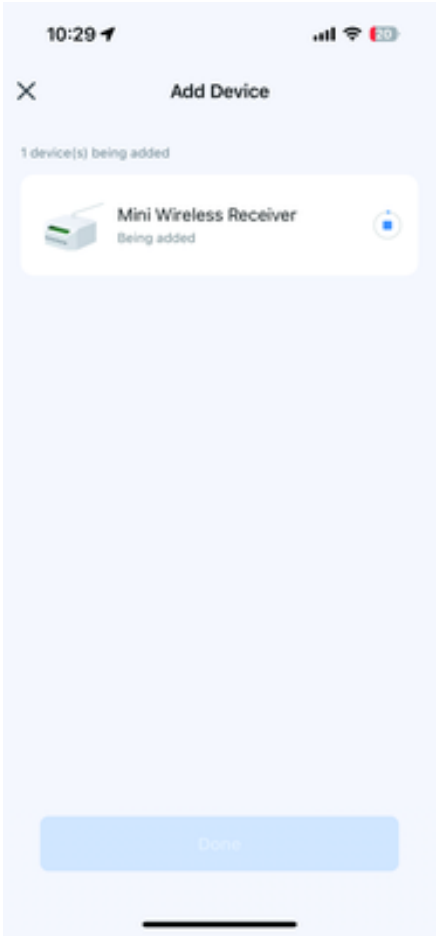


7. Complete setup and operate

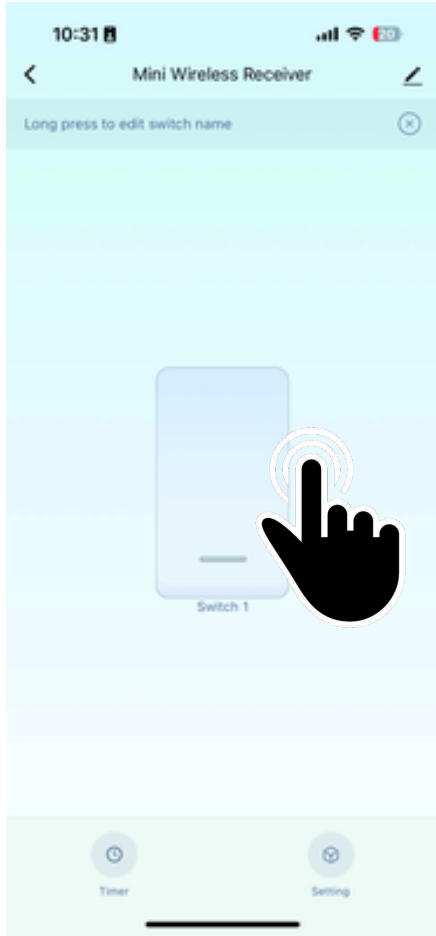
Wait for Smart Life to add the receiver. When setup is complete, open its device page and tap the switch to turn the receiver on or off.

App screens are examples.

Adding the receiver



On / Off control



8. Alexa and Google Home

Scan the relevant QR code below for the setup tutorial.

Alexa tutorial

Google Home tutorial

9. Troubleshooting and care

Receiver not found

Check that your phone has Bluetooth enabled and that the receiver is in Wi-Fi pairing mode, with its blue indicator flashing.

Wi-Fi connection fails

Use a 2.4 GHz network. Check the Wi-Fi name and password, and the receiver's connection to the router.

The load does not switch

Have a qualified electrician isolate the mains supply and check the wiring and load ratings.

Enclosure and servicing

Isolate the mains before opening or refitting the cover. Do not use the product if the enclosure or cable entries are damaged. Do not attempt repairs yourself.