

WIFI Smart Controller

FD-1513



Description

The FD-1513 Tuya WiFi Smart Controller, the ultimate 4-in-1 solution designed to bring intelligent control and seamless integration to your pergola. Additionally, enjoy the convenience of modern smart home technology by controlling your blinds, roller shutters, and LED lights via the Tuya or Smart Life App on your mobile phone. Furthermore, with 16 channels, the emitter allows you to control multiple receivers, providing expansive and flexible management of your outdoor environment. Moreover, the FD-1513 smart controller features a wireless weather sensor receiver that makes intelligent motor adjustments based on real-time weather conditions, ensuring your pergola adapts perfectly to any situation. Effortlessly manage roller shutter motors, linear actuators, and LED lights with a single, powerful emitter.

Key Features:

1. **All-in-One Control:** With the FD-1513, you can effortlessly manage roller shutter motors, linear actuators, and LED lights—all from a single emitter. Say goodbye to cluttered remotes and enjoy seamless control.
2. **Tuya/Smart Life App Integration:** Connect the FD-1513 to the Tuya App on your mobile phone. From anywhere, you can control your blinds, roller shutters, and LED lights. Set schedules, create scenes, and adapt to changing weather conditions effortlessly.
3. **Expandable Channels:** With 16 channels, the emitter accommodates multiple receivers. Customize your setup by adding more devices, such as additional roller shutters or LED strips. Versatility meets scalability.
4. **Individual Tubular Motor Control:** The FD-1513's unique design allows one emitter to independently operate up to four sets of roller shutter motors. Whether you're adjusting the shade or creating the perfect ambiance with LED lighting, it's all at your fingertips.
5. **Weather-Smart Adjustments:** The FD-1513 includes a wireless weather sensor receiver. It intelligently adjusts motor settings based on real-time weather conditions. No more surprises—your pergola adapts to the elements automatically.
6. **High Load Capacity:** The receiver can handle up to 10A, ensuring reliable performance even with heavy-duty motors and lighting fixtures.

Specifications

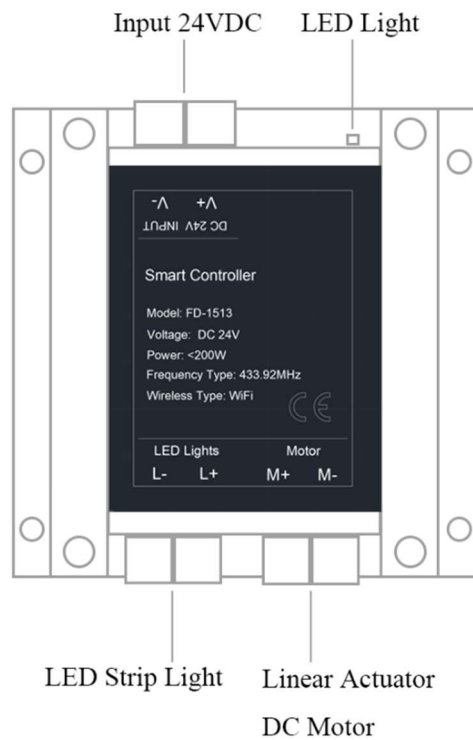
Receiver:

- ❖ Controller Input Voltage: DC24V
- ❖ Controller Output Voltage: DC24V
- ❖ Controller Max Load: 200W/20A, LED 10A, Motor 10A
- ❖ Wireless: WIFI

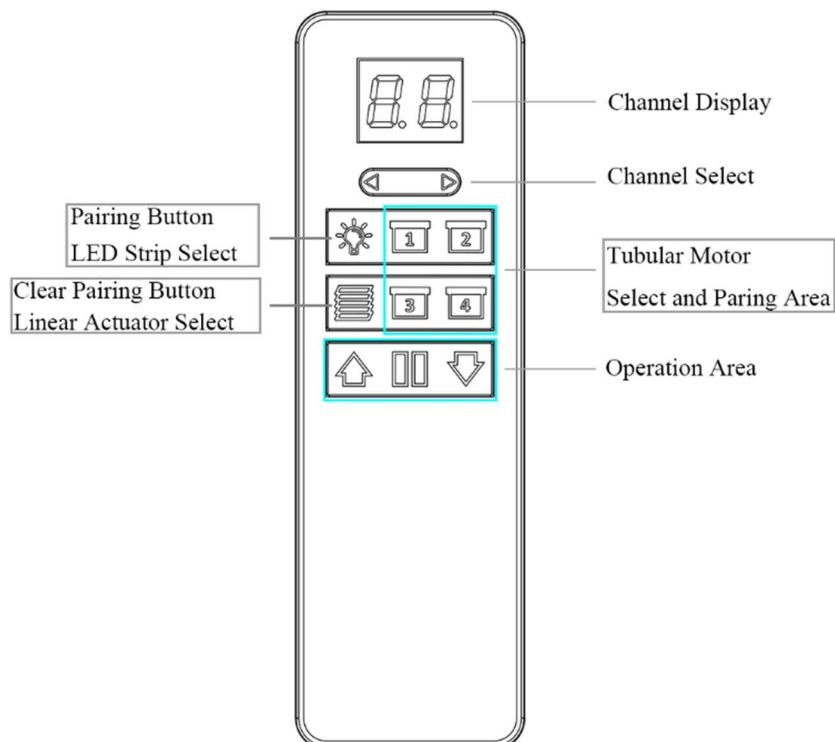
Emitter:





- ❖ Emitter Power: 3V 2*AAA battery
- ❖ Emitter Power: 10mW
- ❖ Channels: 16
- ❖ Transmit Distance: Outdoor 200 Meters
- ❖ Work Temperature: -20°C~+55°C
- ❖ Frequency: 433.92MHz

Receiver Panel Description



Emitter Panel Description



Note: When pairing the device, the  and motor button  are used as pairing button and pairing clear button. When operating the device,  is LED light selection button,  is Linear Actuator/DC Motor selection button.

Emitter and Receiver Pairing

Step 1. Connect the LED light strip to the receiver.

Step 2. Press and hold the pairing button for 2 seconds.

Step 3. Turn on the receiver, if the LED light strip flashes once, the pairing is successful. If unsuccessful, try again.





Cleaning Pairing Code of Emitter

1. Press and hold the clear button, then immediately power on the receiver. The LED light of receiver board will flash, indicating that the clearing is successful. If unsuccessful, try again.
2. Clearing the pairing will clear all channels. You can shut down the receiving motherboard that does not need to be cleared in advance, and only keep the receiving motherboard that needs to be cleared.

Emitter Searches for Receiver.

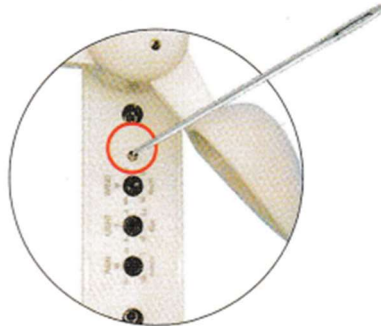
After pairing is successful, long press the pairing button on the transmitter and the LED light on the receiver motherboard will flash.

AC Tubular Motor

1. Only one motor can be paired at a time, and more than one motor cannot be powered at the same time when pairing is required.
2. Pairing method:
first, turn off the power of the tubular motor, then turn on the tubular motor power, the motor will beep once, and rotate forward and reverse once, next, press and hold the button  for 0.2 seconds, and then press the button  for 0.2 seconds, finally, press and hold  for 0.2 seconds (forward by default, or press  for 0.2 seconds for reverse), pairing is complete.

Wind-rain Sensor

Long press the pairing button of the receiver, then press the button of the wind-rain sensor to pair.



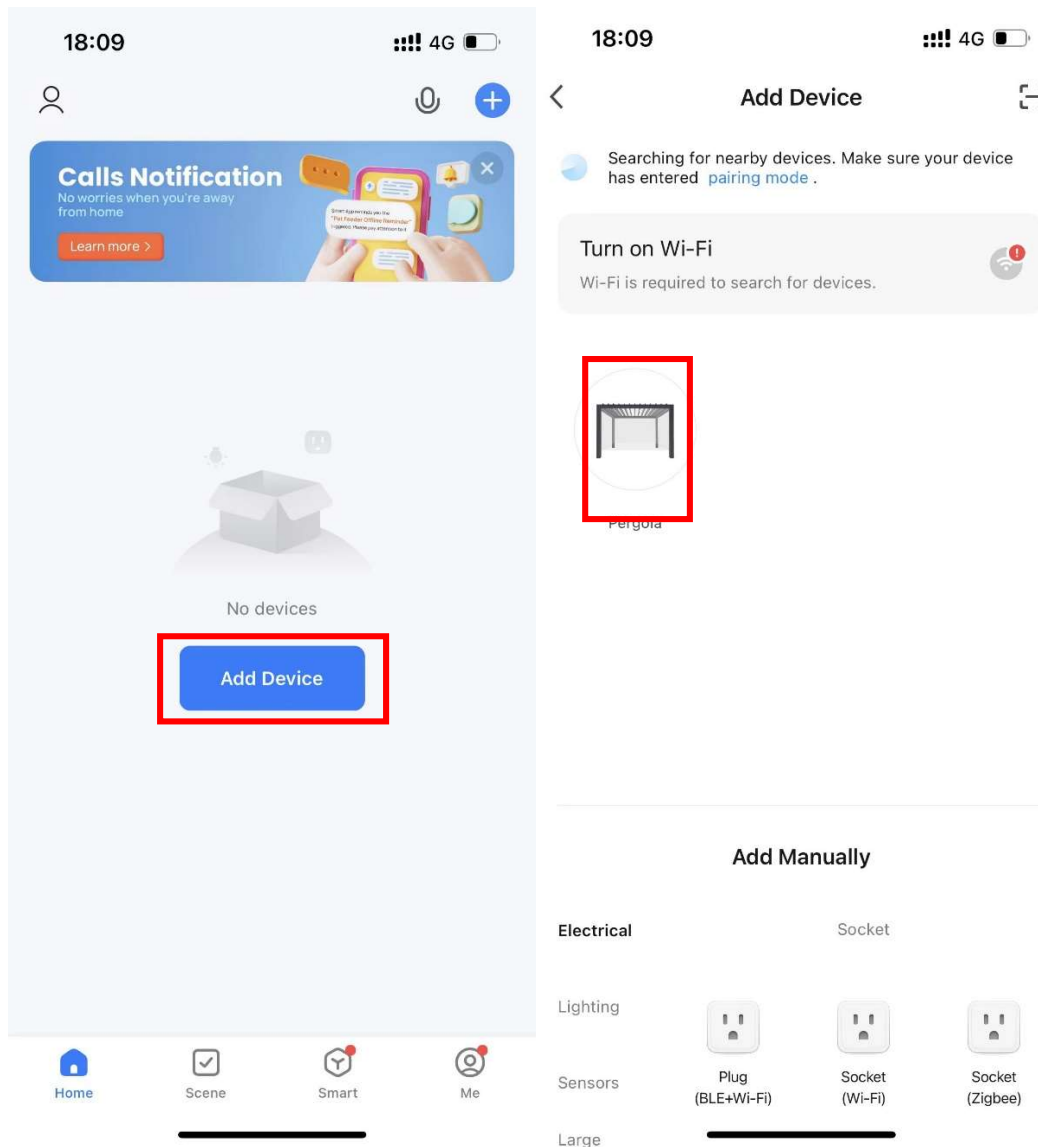
Tuya/Smart Lift APP Operation

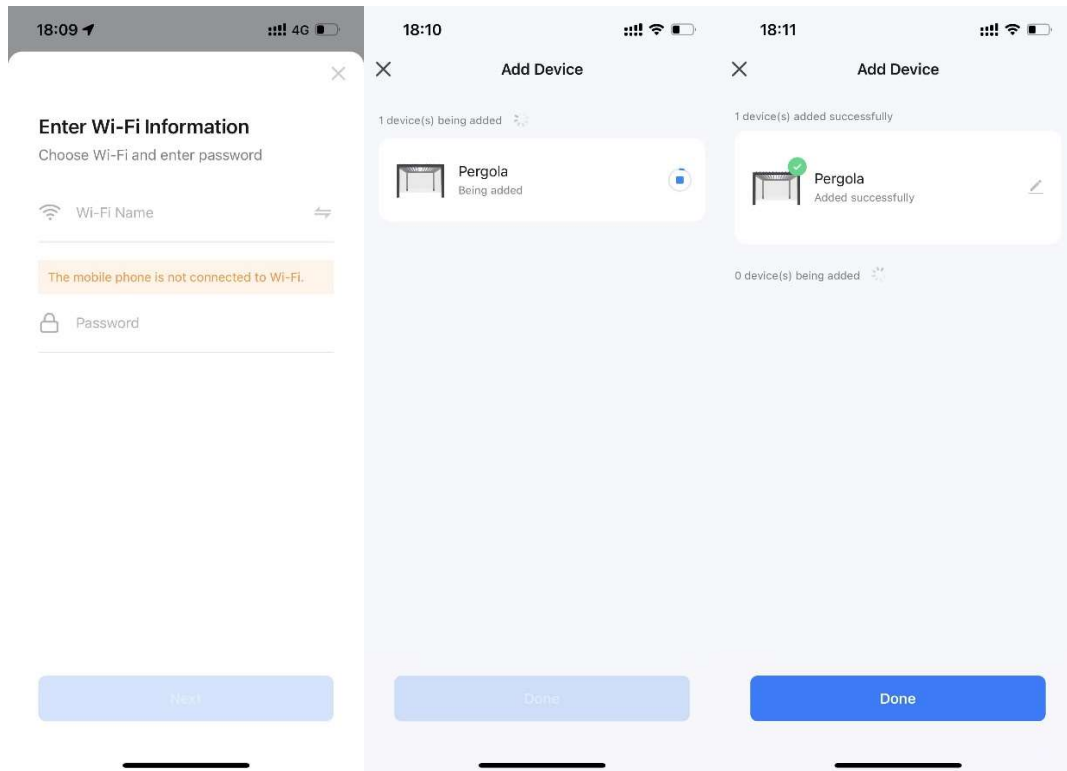
Step 1. Download 'Smart life' or 'Tuya' APP from APP Store.



Step 2. Turn on receiver

Step 3. Open Smartlife APP, click Home-->ADD Device-->Click Pergola -->Enter WIFI Information-->Next-->Load-->Success





Support

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