WiFi Intelligent Control Relay

Model No.	YX1010H22	YX1011H22
Specification	Internal Antenna	External Antenna
	SPDT 10A 240VAC	
Operating Voltage	85-240VAC	
Degree of Protection	IP20	

YX1 series is a WiFi control relay module specially designed and developed by our company for the field of intelligent control. It's widely used in smart home and industrial intelligent control. It adopts the most popular WiFi 2.4GHz control chip, and cooperates with powerful APP and mainstream voice assistants. Realize Bluetooth local control (even if the network is disconnected, you can also use APP local control) and remote control, allowing users to fully experience the convenient life brought by modern intelligent technology.

Button Position Explanation

Normal Working Status   Reset Working Status

Resetting: If product is connected to network for the first time, or if network is changed, we can press reset button (T). About 3-5S later, the green light will flash regularly, the system has been reset. Then reset the button, add a new device according to network again. Every time WiFi network is changed, a reset operation must be performed.
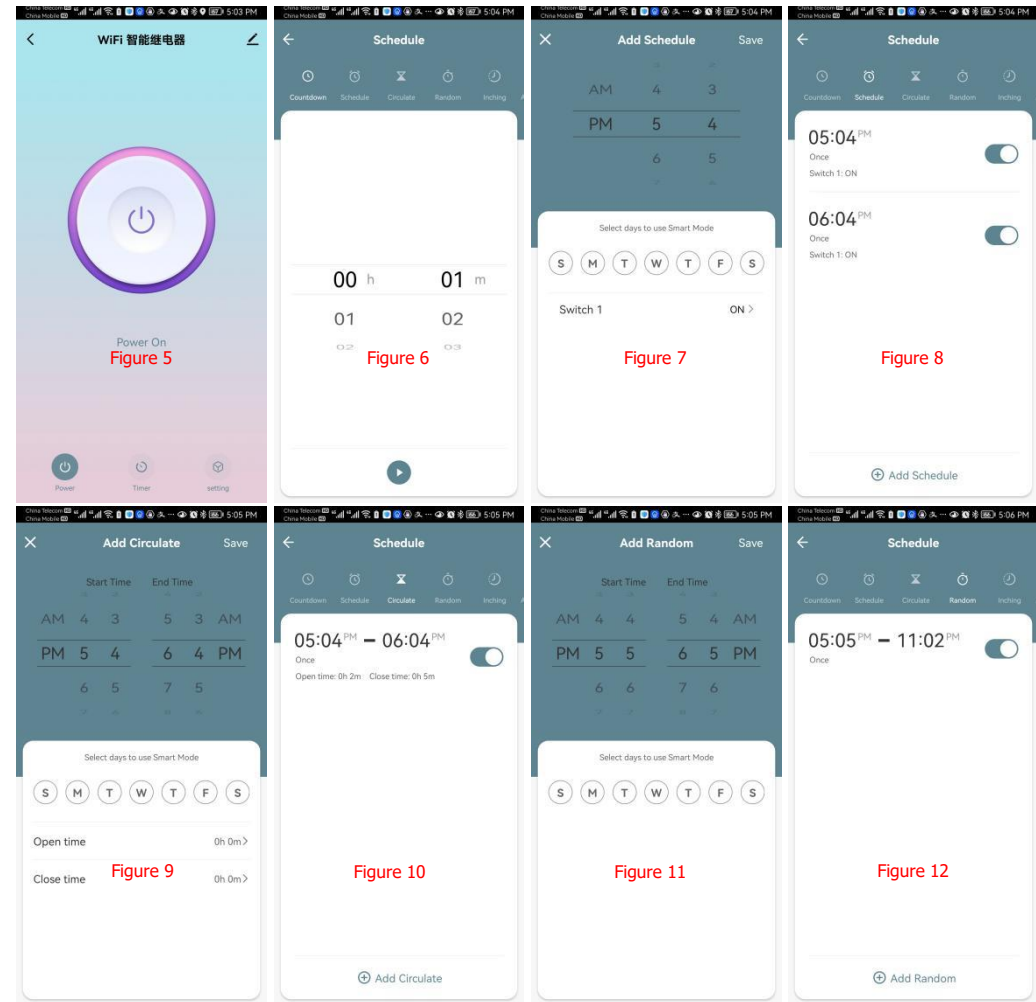
Adding Product Configuration Process (Figure 1 -4)

◑ Download and install APP (download Tuya Smart through APP store), register and log in.

◑ Connecting product to power and press the reset button(T). About 5S later, the green light starts to flash quickly (product is in the distribution network state), reset the reset button, and turn on Bluetooth of mobile phone (recommendation: Bluetooth distribution network is easier).

◑ In APP interface, click "Add Device", it will prompt "Discovering devices..." click Add, enter WiFi name and password, the device will be added automatically. (If you don't turn on the mobile phone's Bluetooth at this time, Add manually, select Electrical-Breaker (BLE+Wi-Fi), then select "confirm the indicator is blinking", select "Blink Quickly",enter WiFi name and password, the device will be added automatically.)
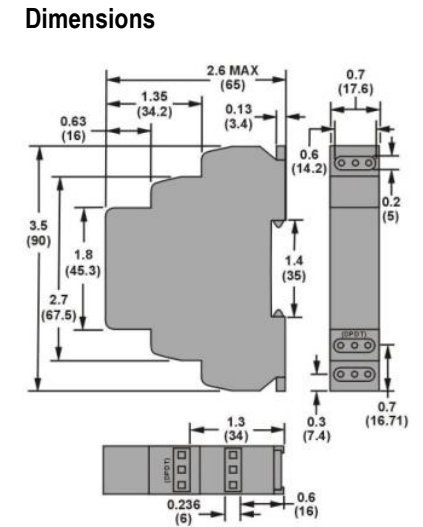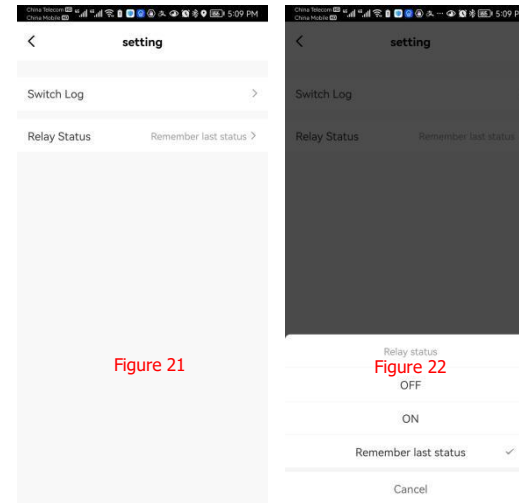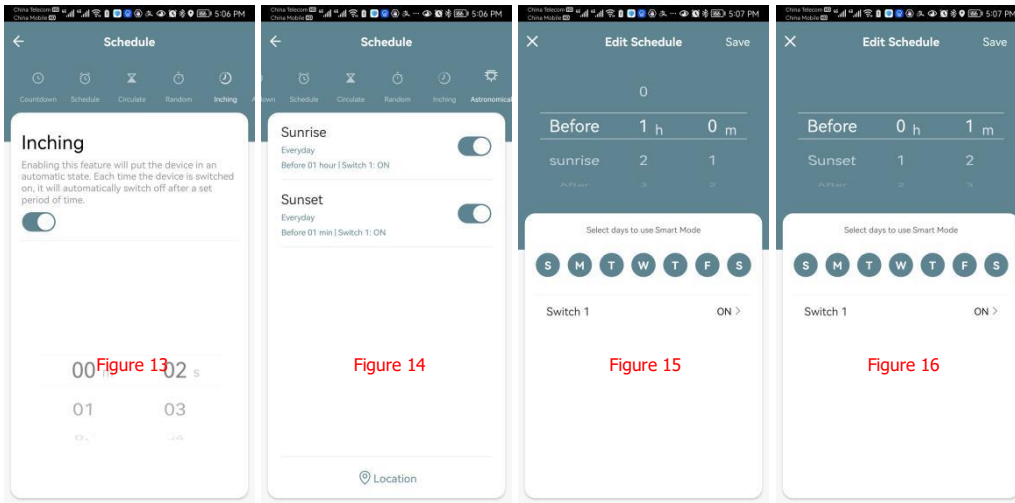
Figure 1   Figure 2   Figure 3   Figure 4
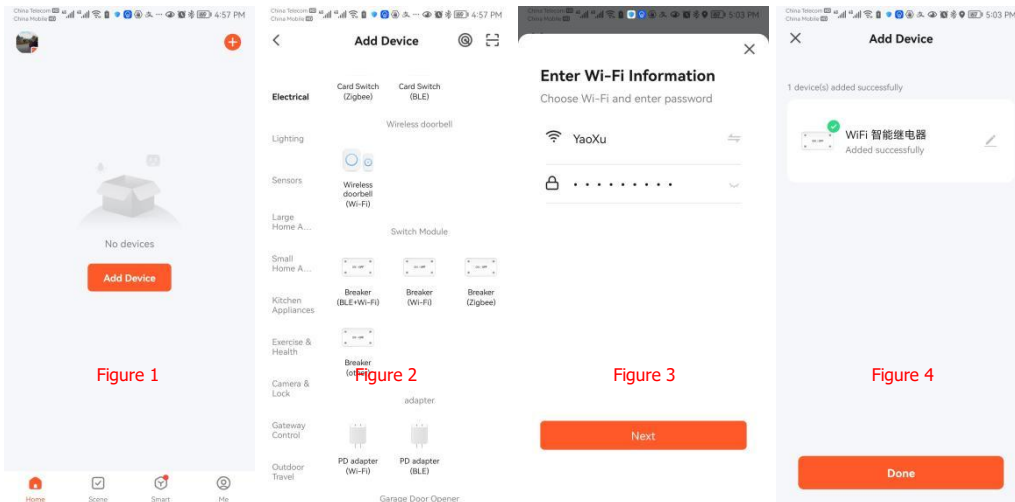
Product Function
The product has manual ON/OFF and automatic timing function

◑ **Manual ON/OFF:** Click the button on control page to turn ON/OFF the load. (Figure 5)

◑ **Automatic Timing:** Countdown, Schedule, Circulate, Random, Inching, Astronomical.

☼ **Countdown:** After the set time,countdown starts. When the time is up, change the state. (Figure 6)

☼ **Schedule:** Turn ON/OFF the load at the specified time. (Figure 7-8)

☼ **Circulate:** Within the specified time range, the load is turned ON and OFF repeatedly, and the duration can be set. (Figure 9-10)

☼ **Random:** Within half an hour before and after the specified time, turn ON/OFF the load randomly. (Figure 11-12)

☼ **Inching:** Set the execution switch, turn it on on the control page, and turn it off when time is up. (Figure 13)

☼ **Astronomical:** Turn ON/OFF the load according to the local sunrise and sunset time. (Figure 14-16)

Figure 5   Figure 6   Figure 7   Figure 8

Figure 9   Figure 10   Figure 11   Figure 12

Figure 13

Inching

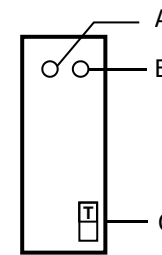Enabling this feature will put the device in an automatic state. Each time the device is switched on, it will automatically switch off after a set period of time.

00 02 s
01 03

Figure 14

Sunrise
Everyday
Before 01 hour | Switch 1: ON

Sunset
Everyday
Before 01 min | Switch 1: ON

Location

Figure 15

Edit Schedule   Save

0
Before   1 h   0 m
sunrise   2   1

Select days to use Smart Mode
S M T W T F S

Switch 1   ON

Figure 16

Edit Schedule   Save

Before   0 h   1 m
Sunset   1   2

Select days to use Smart Mode
S M T W T F S

Switch 1   ON

Figure 21

setting
Switch Log
Relay Status   Remember last status

Figure 22

setting
Switch Log
Relay Status   Remember last status

Relay status
OFF
ON
Remember last status ✓
Cancel

Dimensions

Application Skills (Figure 1-4)：

❍ Inching function and timing function can be used in combination, application occasions: such as controlling the bell of working. When inching function conflicts with other function settings, other functions need to be turned off. (Figure 17)

❍ On the control page, click edit icon in the upper right corner, click share device, and share the product with others. (Figure 18-20)

❍ On the control page, click Setting, select relay status (OFF, ON, Remember last status), you can set the status after power-off and power on again, whether to keep disconnected, or immediately connected, or restore the switch state before power failure. (Figure 21-22)
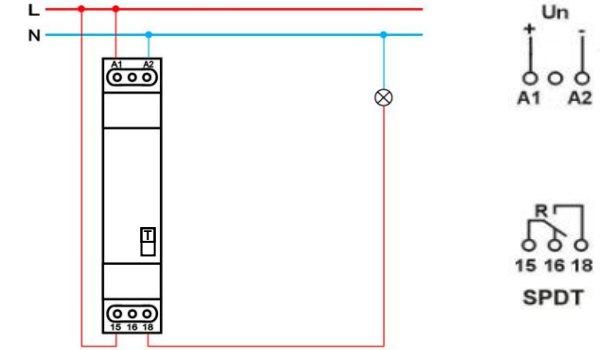
Figure 17

Schedule

Inching
Enabling this feature will put the device in an automatic state. Each time the device is switched on, it will automatically switch off after a set period of time.

Task Conflict
Conflict with
Circulate: 17:07-18:07, Once

Cancel   Confirm

00 02 s
01 03

Figure 18

Share Device

When the device is not connected to the network, the person with whom you have shared the device may not be able to control the device.

WiFi 智能继电器 has not been shared

Device is not shared, add an account to share it

Add Sharing

Figure 19

WiFi 智能继电器

Device Information
Tap-to-Run and Automation

Third-party Control

XIAODU

Device Offline Notification

Offline Notification

Others
Share Device
Create Group
FAQ & Feedback
Add to Home Screen

Figure 20

Add Sharing

WiFi 智能继电器

Share with the Account 涂鸦智能

Share with Recent Contacts   More

86-182677 86-151584 kamimaze
73780   61145

Share with Others   1 person(s)

WeChat Messages Email Copy

Front View

A： Power Indicator
B： Work Indicator
C： Reset Switch

Wiring Diagrams

SPDT

The product cooperates with the corresponding APP to realize the following functions:
● Support Smart Config for fast networking
● Support multiple control types: switch, timing start and stop, cycle control, etc.
● Support Bluetooth local control and remote control
● Access to mainstream voice assistants such as XiaoZhiGuanJia, XiaoDu, XiaoAi (XiaoMi), Alexa,Google Assistant and Tmall Genie
● Intranet device sharing and cloud account device sharing function
● APP supports Android and iOS systems

If you experience problems, do not immediately return the unit to the store.
Email the Timeguard Customer Helpline: SUE@yaoxuele.com
or call the helpdesk on 0086-577-57570388
Qualified Customer Support Coordinators will be online to assist in resolving your query.

CB CE CCC

YOSHINE
Wenzhou Derrek Elec.Co.,Ltd