

# IOT Relay User Manual

## V1.7.3

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# 1 Product Overview

## 1.1 Overview

Support multiple channel relay, On/OFF/Jogging/Delay.

Support multiple interface RJ45/RS485/CAN/WIFI

Support HTTP GET CGI/UDP/TCP Server/TCP Client

10/100Mbps ethernet, Auto-MDIX,DHCP ip,Static IP

Local Button control(SelfLock/Jogging/Delay)

PC app config and control

WEB config and control

Support password.

Support Modbus-RTU/ASCII/TCP/UDP

Support Modbus-RTU Over TCP/UDP

Support Modbus-ASCII Over TCP/UDP

Home Automation System Support:

Name	How to
Domoticz	Appendix II How to use Domoticz <a href="https://github.com/dtlzp/Domoticz-Dingtian-Relay-Plugin">https://github.com/dtlzp/Domoticz-Dingtian-Relay-Plugin</a>

SDK download address:

[ftp://ftp.dingtian-tech.com/relay\\_sdk.zip](ftp://ftp.dingtian-tech.com/relay_sdk.zip)

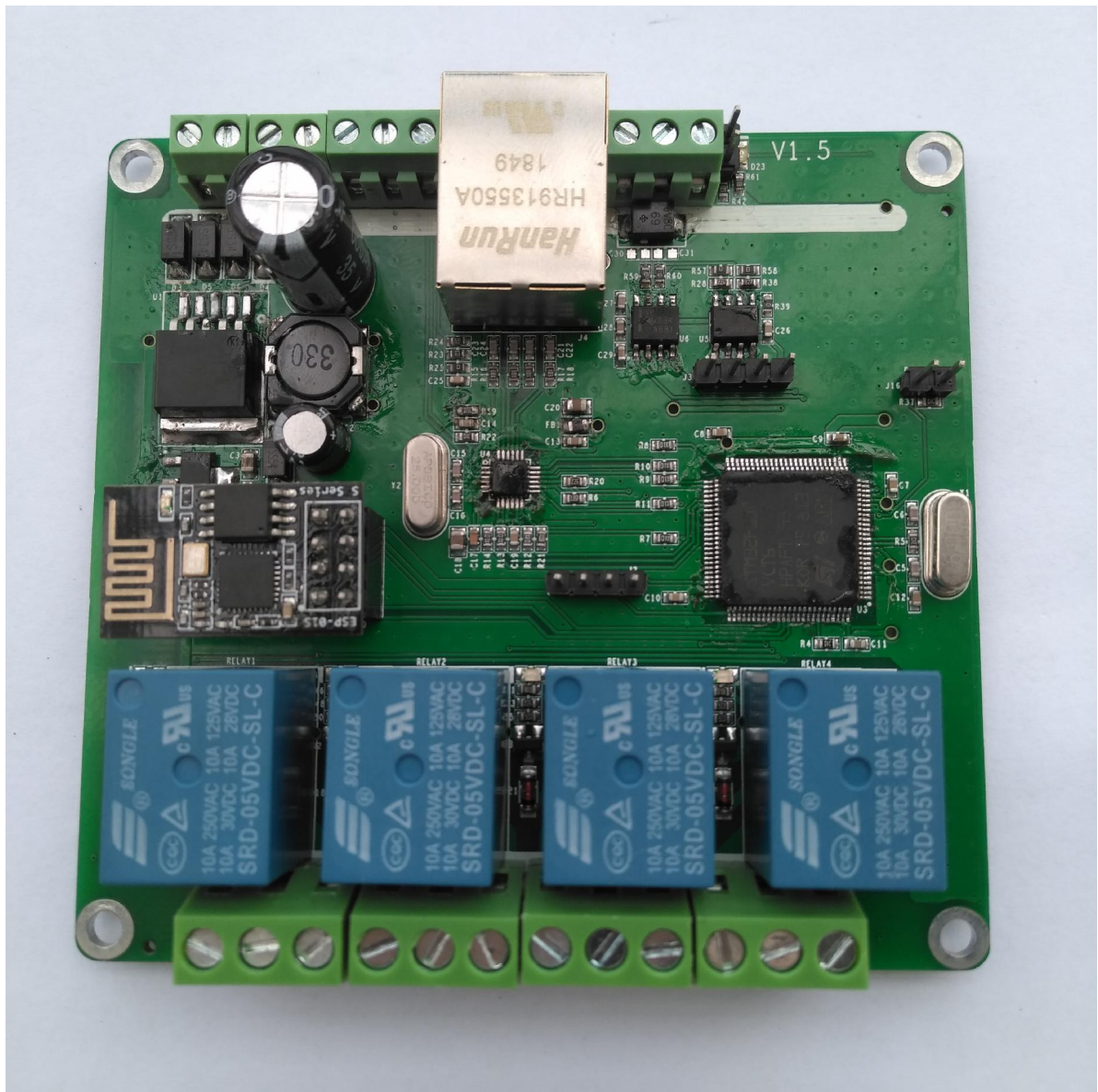
## 1.2 Technical Parameters

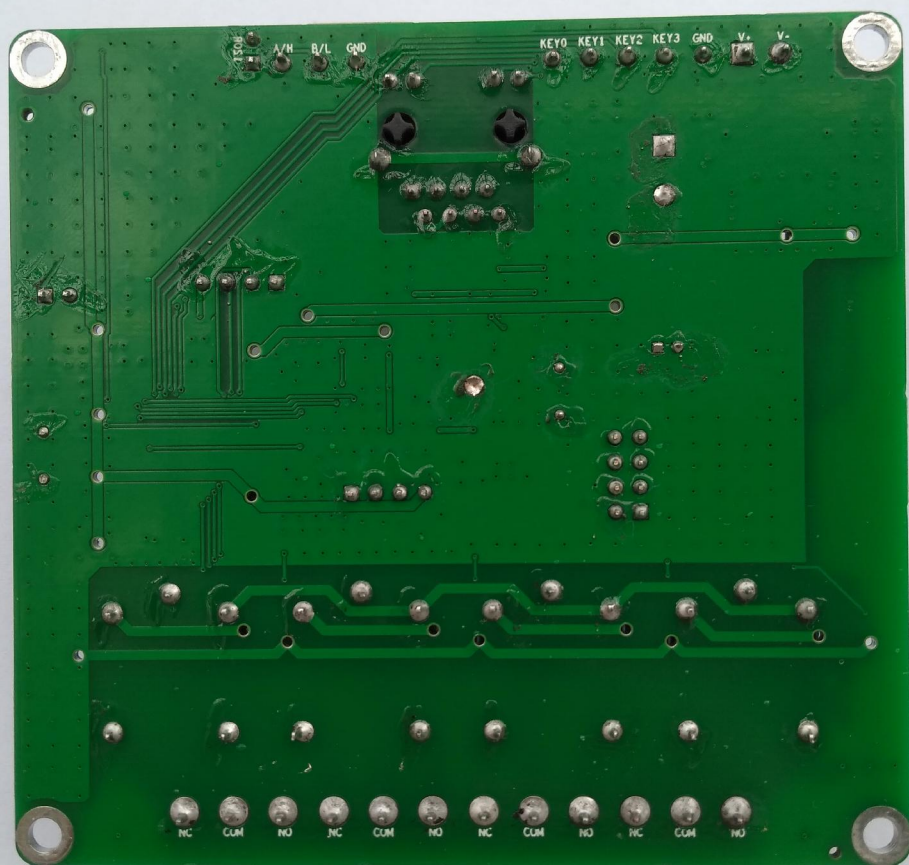
Network	Interface	RJ45/ RS485/CAN/WIFI
	Baudrate	100M/115200bps/125kbps/150Mbps
	Protocol	TCP server/client, UDP HTTP GET CGI, Modbus-RTU/ASCII/TCP/UDP Modbus-RTU Over TCP/UDP Modbus-ASCII Over TCP/UDP
Output	Relay Power	AC 250V/10A,DC 30V/10A
	Contacts	Normally Close Normally Open
	Delay	1~65535 seconds
	Momentary	Pull in 0.5 seconds, automatically release
Working environment	Operating temperature	-40~+85°C

Power	Power Specifications	Power supply 12/24V, Recommended 12V
	Current	200mA@12V DC
	Power consumption	Less than 5W

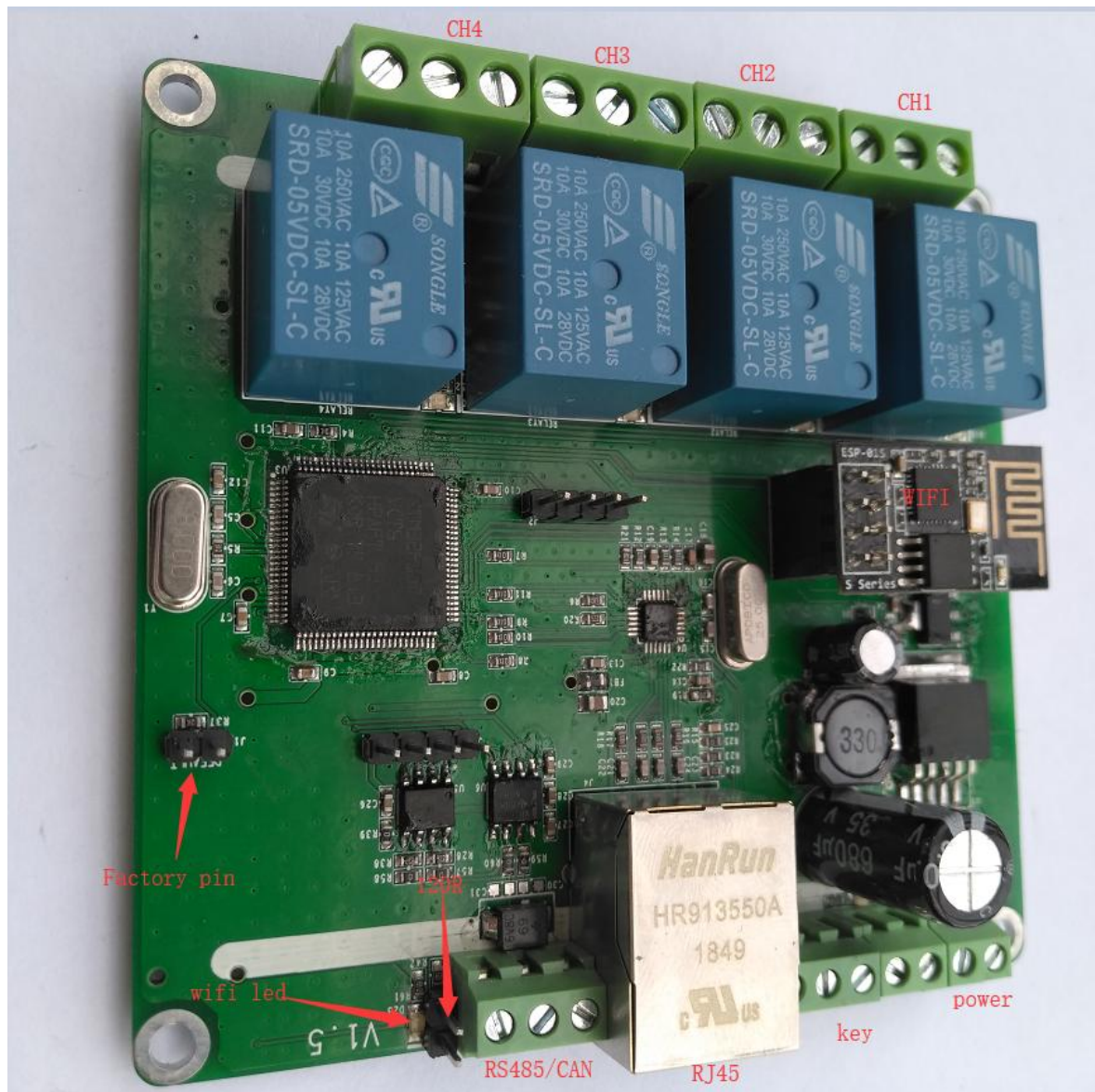
## 2 Size

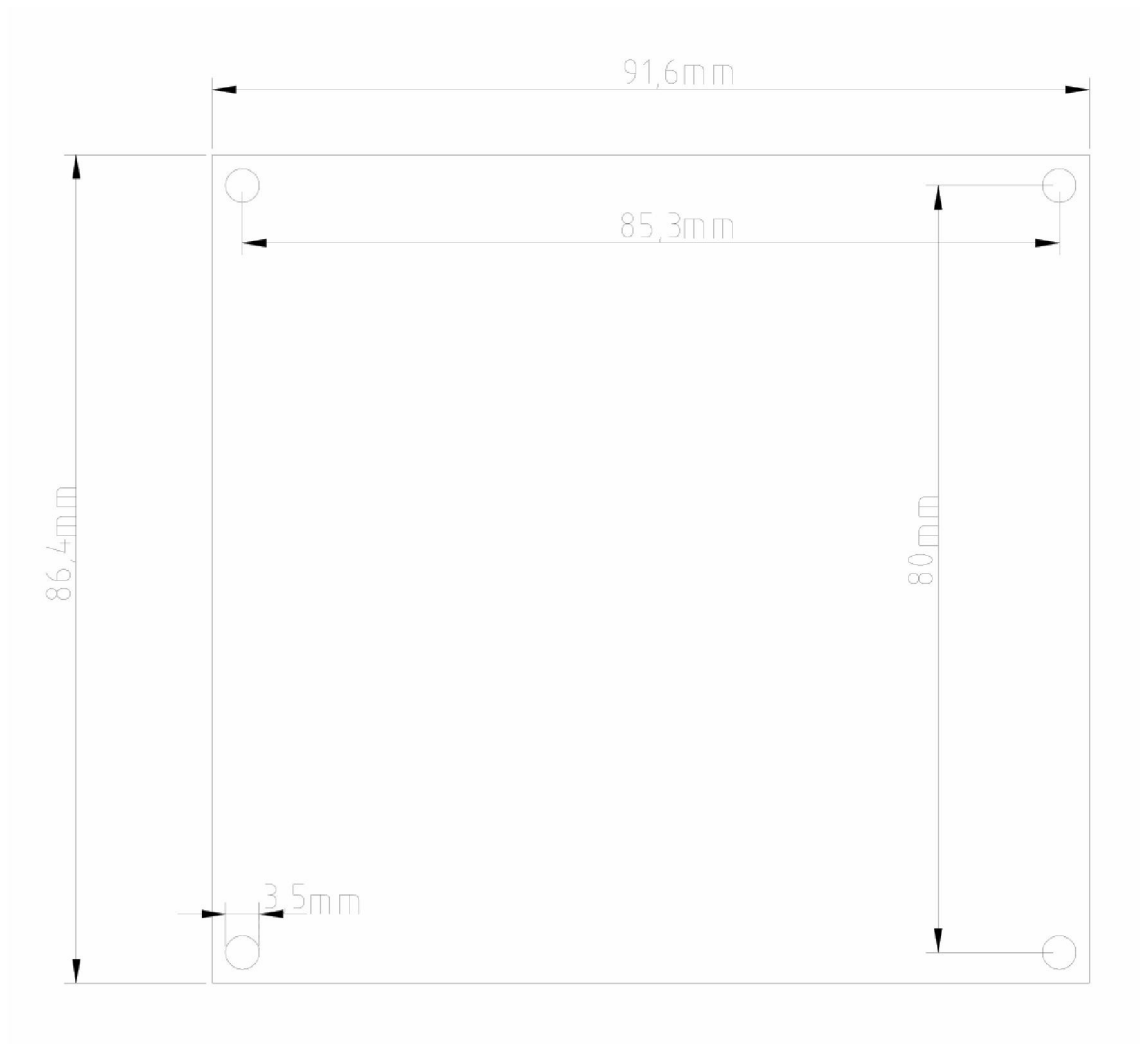
### 2.1 4 Channel Relay











## 3 Interface Description

### 3.1 LED

wifi led	on: connect wireless route success off: can not connect wireless router
CH1-CH8 led	on: relay on off: relay off

### 3.2 Relay Contact

Each set of relay outputs has three terminals: normally open contact, common terminal and normally closed contact. The contact capacity is AC 250V10A, DC 30V10A, and the output of

controlling higher power requires external contactor.

- Normally open contact:

When the relay is released (or the module is powered off), the common terminal is disconnected from the normally open contact. After the suction is closed, the two contacts are closed.

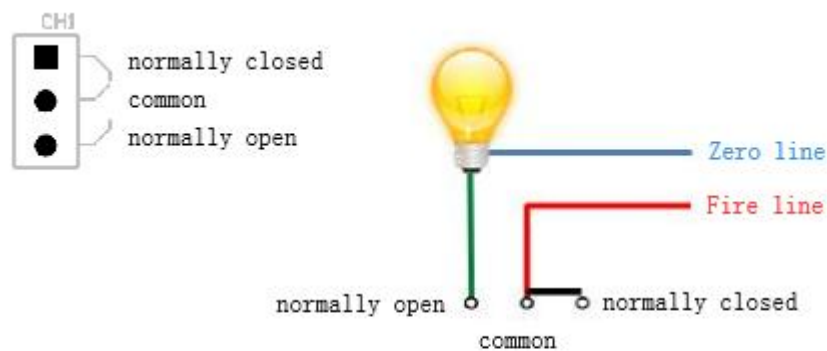
- Common:

Controlled power input

- Normally closed contact:

When the relay is released (or the module is powered down), the common and normally closed contacts are closed. After the pull-in, the two contacts are disconnected.

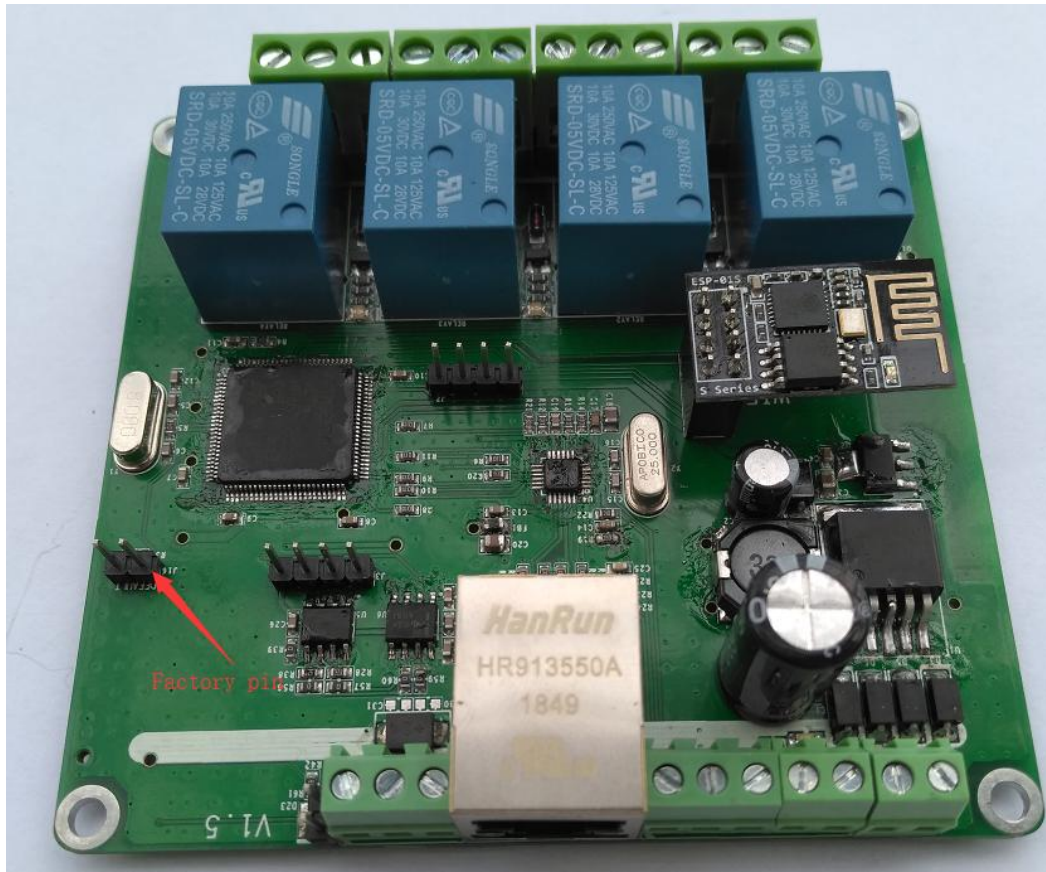
Connection example



### 3.3 Reset To Factory

1 Short the 2 pin headers under the Default assembly with a jumper cap





- 2 Turn off the power of the network module, and then power on the module again.
- 3 Pull out the Default jumper cap

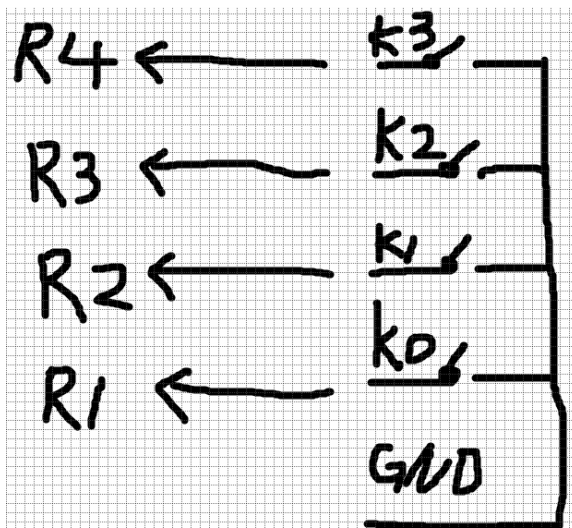
### 3.4 External input control

K0~K7 Control Relay1~8

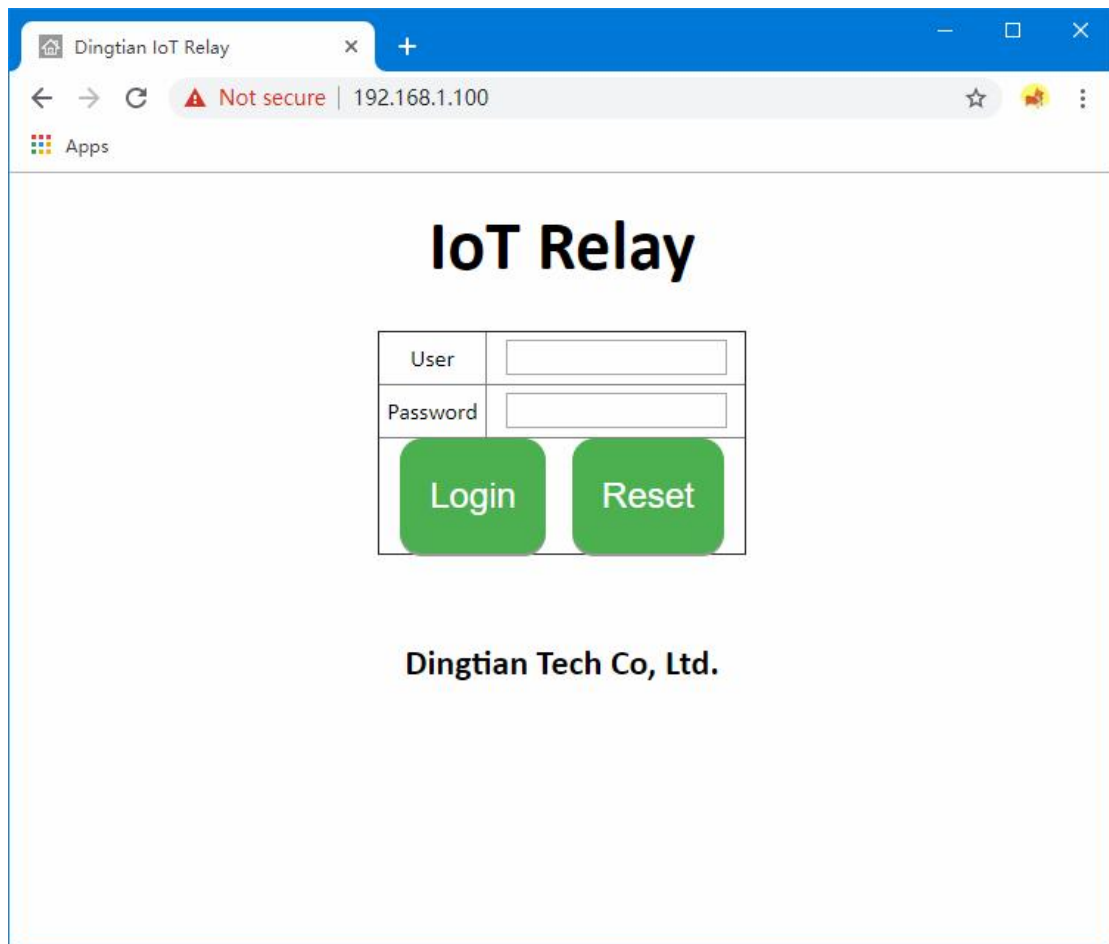
0V Relay On

3.3V Relay Off(Hardware Version < V1.8)

3.3V/5V/12V/24V Relay Off(Hardware Version  $\geq$  V1.8)



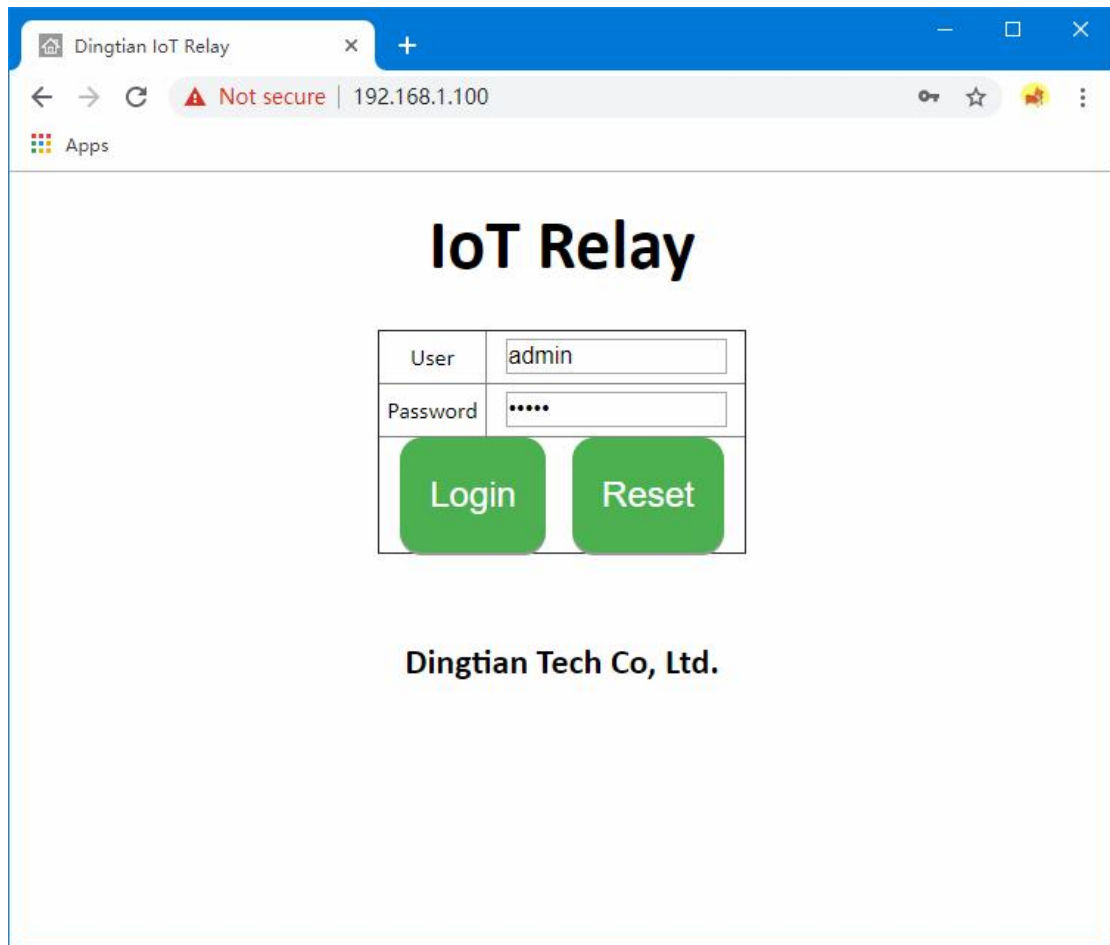
## 4 web



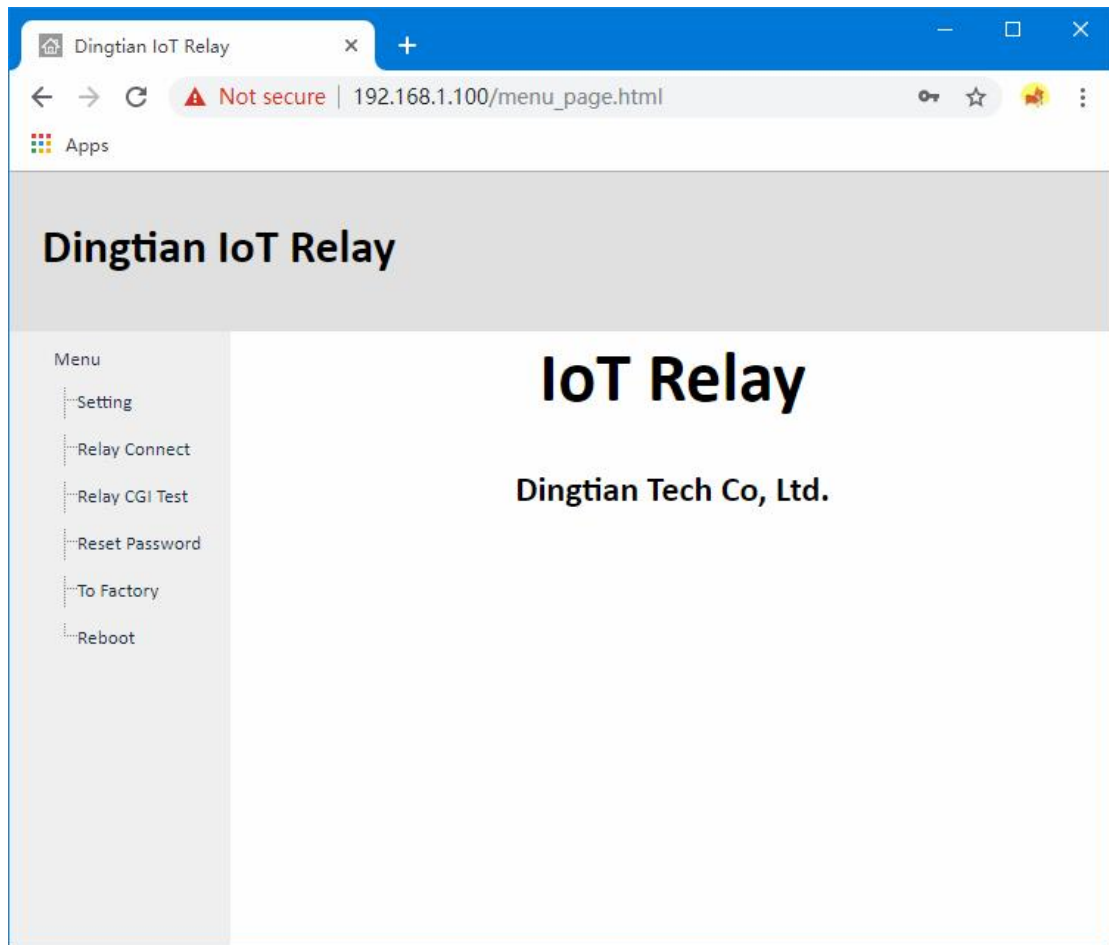
### 4.1 Login

user:admin

password:admin



webcome page



## 4.2 Setting Network

setting page set network info  
after click "Save" button, device will reboot

Dingtian IOT Relay

OpenWrt - 系统 - LuCI

← → ↻ ⚠ 不安全 | 192.168.1.100/menu\_page.html 🔑 ☆ 📌 ⋮

应用

Dingtian IOT Relay

Menu

Setting

Relay Connect

Relay CGI Test

Reset Password

To Factory

Reboot

Setting

Hardware Version	V1.6
Software Version	V2.14
Model	Dingtian IOT RELAY-4
Serial Number	0
DHCP	No ▾
IP	192.168.1.100
Netmask	255.255.255.0
Gateway	192.168.1.1
DNS	192.168.1.1
MAC	bc:34:88:00:00:00
Router SSID	routenessid support char 0~9,a~z,A~Z,-_
Router Password	routenesspassword support char 0~9,a~z,A~Z,-_

Save

WIFI module config we can find Appendix I How to use wifi

## 4.3 Setting Relay Connect

relay page set relay control interface param,and test relay  
after click "Save" button,device well reboot

Dingtian IOT Relay

← → ↻ ⚠ Not secure 192.168.1.100/menu\_page.html ☆ ▼ 🚫 ⋮

Apps

Dingtian IOT Relay

Menu

- Setting
- Relay Connect
- Relay CGI Test
- Reset Password
- To Factory
- Reboot

## Relay

Channel	Protocol	Addr	Baud	Databits	Stopbits	Parity
RS485	Dingtian String	1	115200bps	8bit	1bit	None
CAN	Dingtian Binary	ID 1	Speed 125Kbps			
UDP-1	Modbus-RTU Over UDP	Remote Address 192.168.1.9		Remote Port 502	Local Port 502	
UDP-2	Modbus-UDP	Remote Address 192.168.1.9		Remote Port 502	Local Port 502	
TCP Server	Modbus-ASCII Over TCP				Local Port 502	
TCP Client	Modbus-TCP	Remote Address www.google.com		Remote Port 502		
WIFI	Modbus-TCP/UDP	Remote Address 192.168.1.9		Remote Port 502	Local Port 502	Type UDP

### Other

Relay Password	0	0~9999(0 no password)
Keep Alive Second	30	1~120 second(0 close)
Jogging Time	5	1~255 (1=100ms)
Power Failure Recovery Relay	No	

### Button Type

Momentary	Momentary	Momentary	Momentary
-----------	-----------	-----------	-----------

Save

### Relay Test

Relay1:Off Relay2:Off Relay3:Off Relay4:Off

## 4.4 Relay CGI Test

relay CGI test

Dingtian IOT Relay

192.168.1.100/menu\_page.html

Apps

Dingtian IOT Relay

Menu

Setting

Relay Connect

Relay CGI Test

Reset Password

To Factory

Reboot

Relay CGI Test

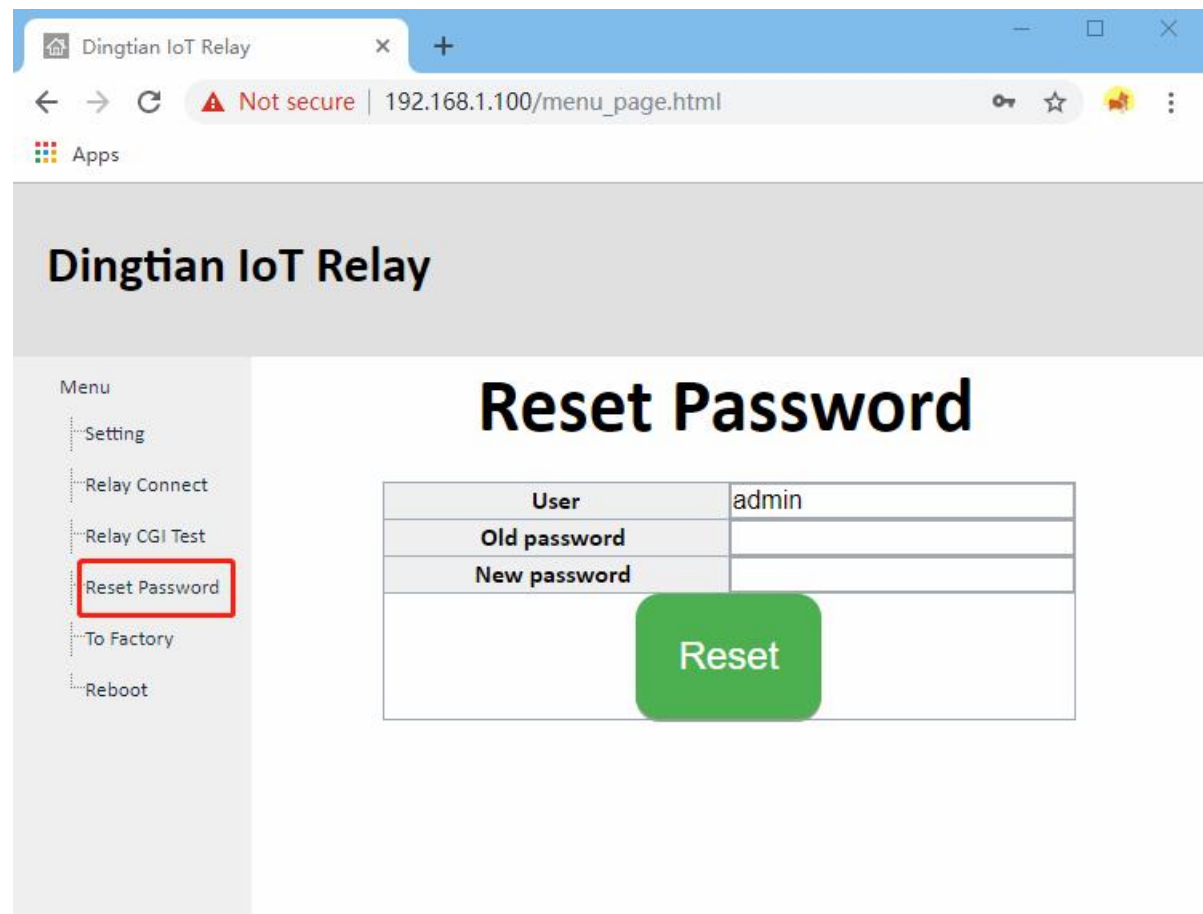
Relay Password 0 (0~9999)

Relay	Status	Jogging(1~255 100ms)	Delay(1~65535 Second)	On/Off	Jogging	Delay
1	Off	On ▾ 5 500ms	On ▾ 5 second	Do On	Do Jogging	Do Delay
2	Off	On ▾ 5 500ms	On ▾ 5 second	Do On	Do Jogging	Do Delay
3	Off	On ▾ 5 500ms	On ▾ 5 second	Do On	Do Jogging	Do Delay
4	Off	On ▾ 5 500ms	On ▾ 5 second	Do On	Do Jogging	Do Delay

Relay CGI load success!



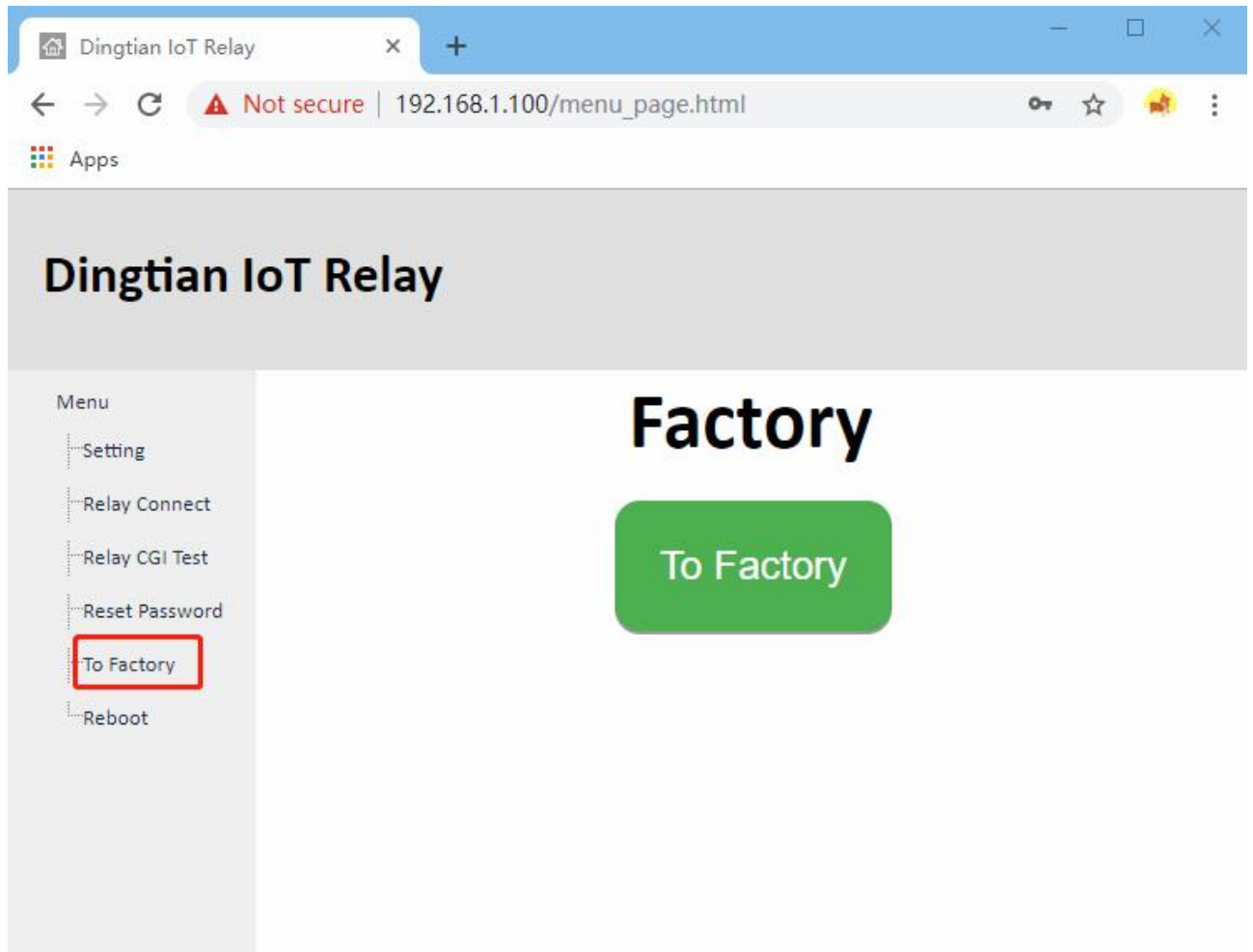
## 4.5 Reset Password



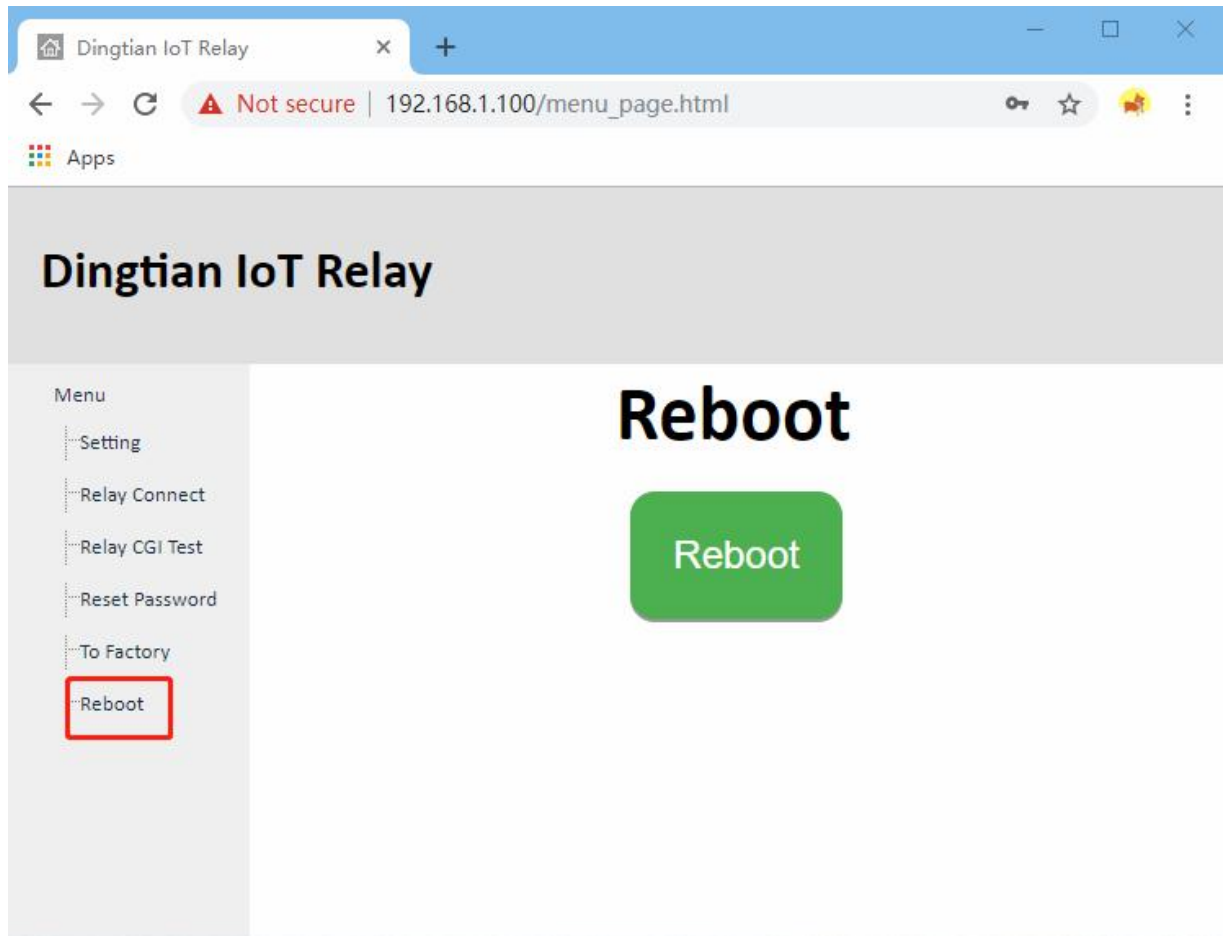
The screenshot shows a web browser window with the title "Dingtian IoT Relay". The address bar shows the URL "192.168.1.100/menu\_page.html" with a "Not secure" warning. The page has a header "Dingtian IoT Relay" and a left sidebar menu. The menu items are: Setting, Relay Connect, Relay CGI Test, Reset Password (highlighted with a red box), To Factory, and Reboot. The main content area is titled "Reset Password" and contains a form with the following fields:

User	admin
Old password	
New password	
<div>Reset</div>	

## 4.6 To Factory



## 4.7 Reboot



## 5 PC app

Notic: When the computer has multiple network cards,only one can be reserved.

Dingtian-Tech Relay

LanguageEnglish

When multiple devices,  
device ip and computer ip  
must be on the same network segment

COM1

Search Device

Version V1.3

Support: stephen@dingtian-tech.com

TestConfig

Commandread relay status

Relay password0 (4digital)

Relay1

Delay(Second)5 (max:65535)

StatusOff

Run

All OnAll Off

☐ Relay1☐ Relay2☐ Relay3☐ Relay4☐ Relay5☐ Relay6☐ Relay7☐ Relay6

# 5.1 Search Device

Dingtian-Tech Relay

LanguageEnglish

Version V2.0

Support: stephen@dingtian-tech.com

When the computer has multiple network cards, you need to select the correct network card.

TestConfig

192.168.1.9

1 select ip connect with relay board

2 search device(use multicast)

Search Device

Commandread relay status

Relay password0 (4digital)

Relay1

Delay(Second)5 (max:65535)

StatusOff

Run

All OnAll Off

Relay1

Relay2

Relay3

Relay4

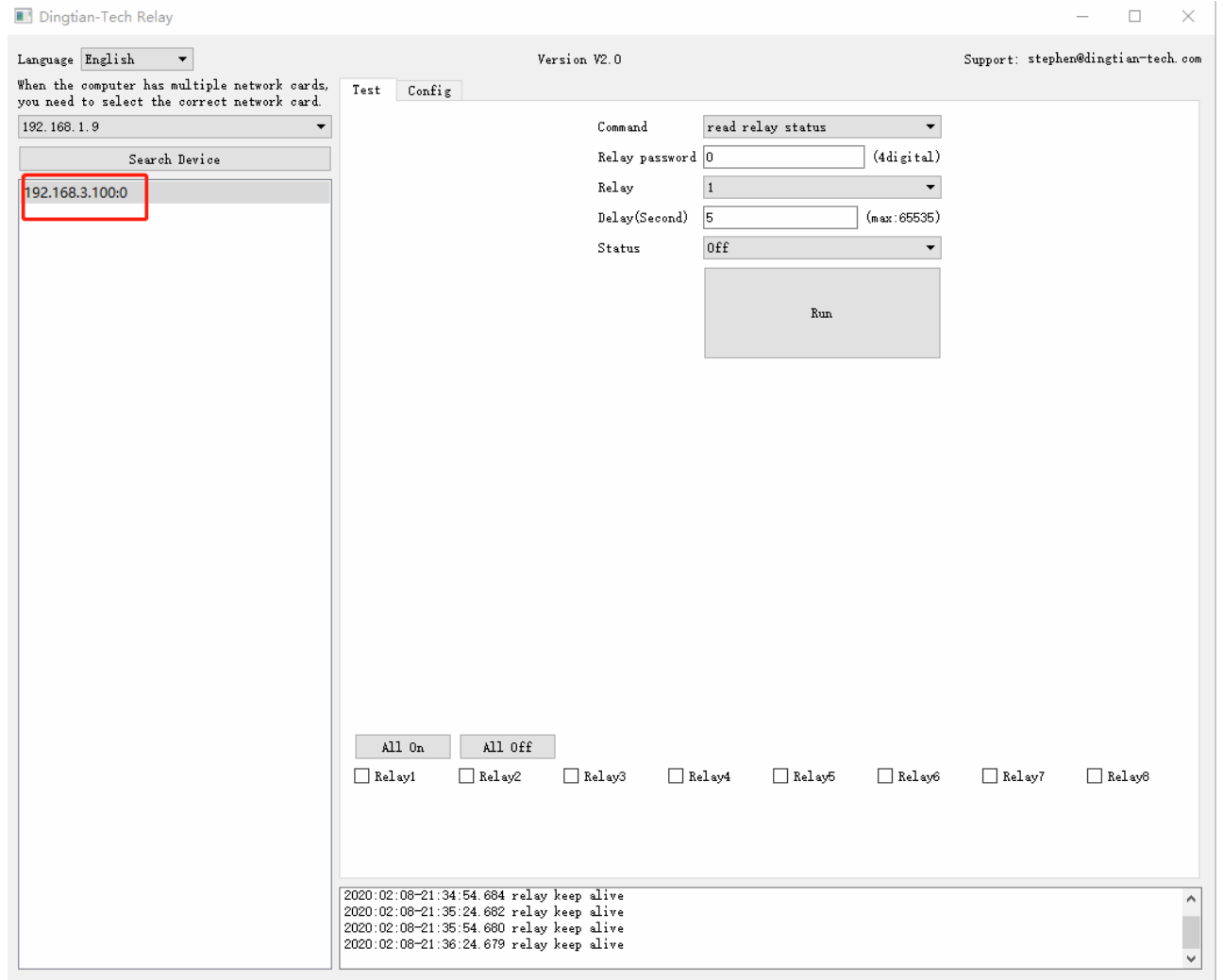
Relay5

Relay6

Relay7

Relay8

web can search a device ip is 192.168.3.100,but computer ip is 192.168.1.9



next, web can test relay,and config device

# 5.2 Test Relay

Dingtian-Tech Relay

Version V2.0

Support: stephen@dingtian-tech.com

Language English

When the computer has multiple network cards, you need to select the correct network card.

192.168.1.9

Search Device

192.168.3.100:0

Test

Config

Command read relay status

Relay password 0 (4digital)

Relay 1

Delay(Second) 5 (max:65535)

Status Off

Run

All On

All Off

☐ Relay1

☐ Relay2

☐ Relay3

☐ Relay4

☐ Relay5

☐ Relay6

☐ Relay7

☐ Relay8

2020:02:08-21:35:24.682 relay keep alive

2020:02:08-21:35:54.680 relay keep alive

2020:02:08-21:36:24.679 relay keep alive

2020:02:08-21:36:54.678 relay keep alive



## 5.3 Config Device

Dingtian-Tech Relay

Language English Version V2.0 Support: [stephen@dingtian-tech.com](mailto:stephen@dingtian-tech.com)

Test **Config**

When the computer has multiple network cards, you need to select the correct network card.

192.168.1.9

Search Device

192.168.3.100:0

Info

model ETH RELAY-4 V2 hw\_ver V1.6

sn 0 sw\_ver V2.12

Ethernet

DHCP No

IP 192.168.3.100 Netmask 255.255.255.0

Gateway 192.168.3.1 DNS 192.168.3.1

MAC bc:34:88:00:00:00

Router SSID Router Password

Web Password

admin

RS485

Baudrate 115200bps Databits 8bit

Stopbits 1bit Parity None

CAN

Baudrate 125Kbps

ID 1

Server

UDP Server 192.168.1.9 TCP Server 192.168.1.9 WIFI UDP Server 192.168.1.9

UDP Port 60001 TCP Port 60001 WIFI UDP Port 1883

Relay

Relay Password 0 0~9999 Power Failure Recovery No

Keep Alive 30 1~120 second(0 close) Momentary Time 5 1~255(1=100ms)

Key Type

Key1 Key2 Key3 Key4 Key5 Key6 Key7 Key8

Self-Lock Self-Lock Self-Lock Self-Lock Follow Follow Follow Follow

Read Config Write Config

2020:02:08-21:36:54.678 relay keep alive  
2020:02:08-21:37:24.676 relay keep alive  
2020:02:08-21:37:50.007 interface:以太网 multicast r param success  
2020:02:08-21:37:50.814 interface:以太网 multicast r param success

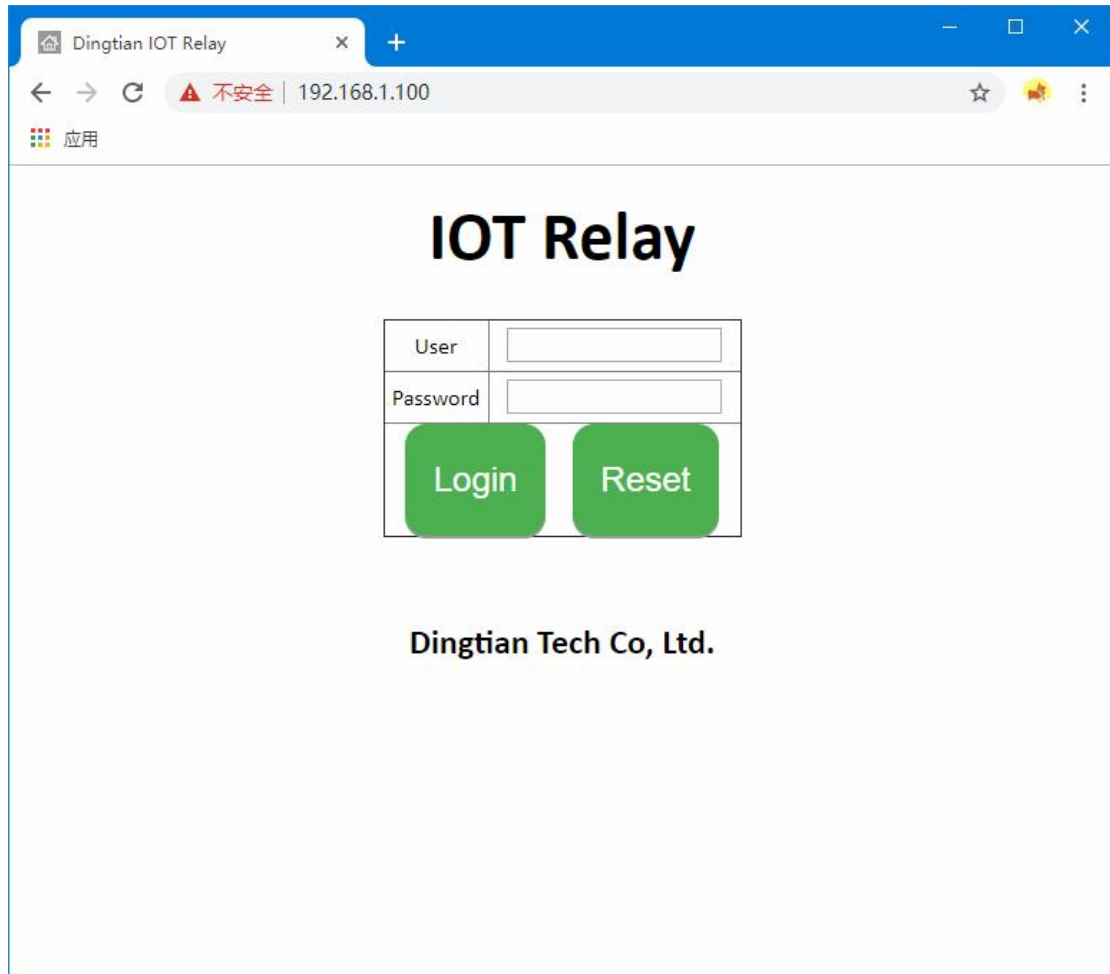
## Appendix I How to use wifi

### step 1:Login to web page

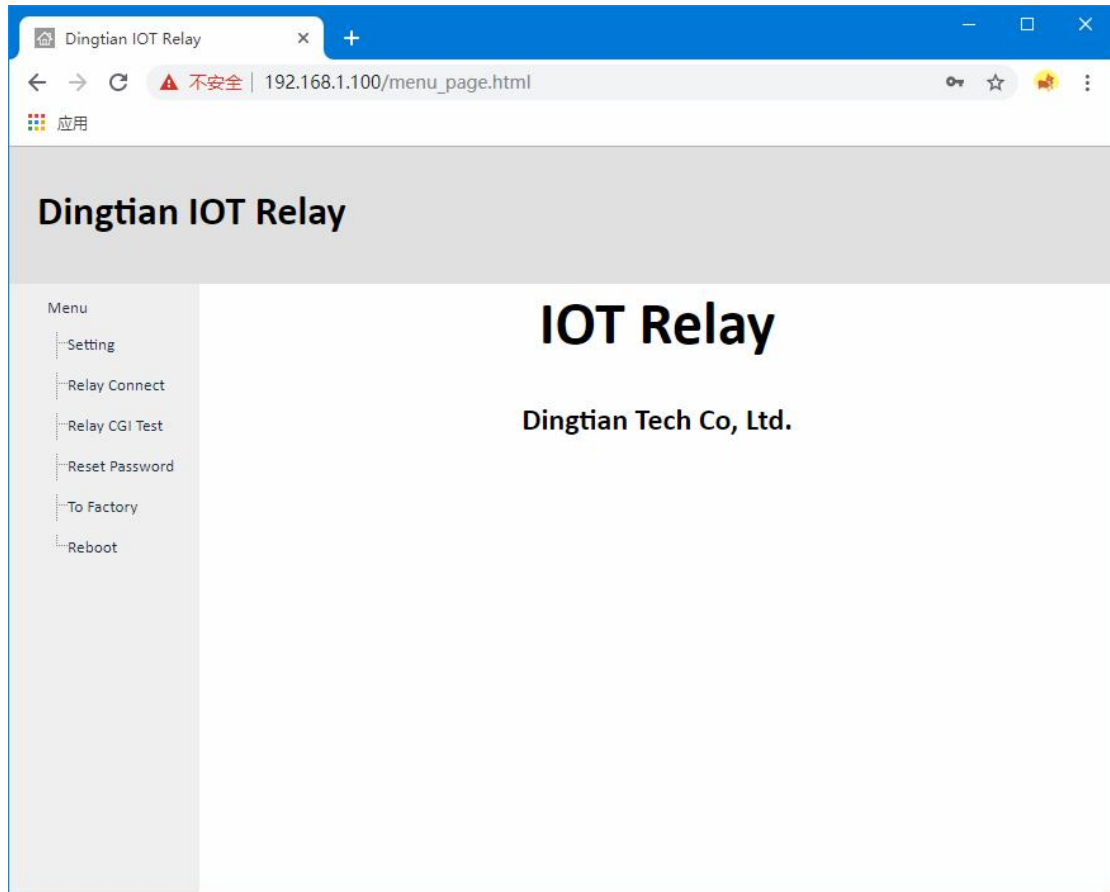
<http://192.168.1.100>

user:admin

password:admin



welcome page



## step 2: Config route ssid and password

The screenshot shows the 'Setting' page of the Dingtian IOT Relay web interface. The left sidebar contains a 'Menu' with options: 'Setting' (highlighted with a red box), 'Relay Connect', 'Relay CGI Test', 'Reset Password', 'To Factory', and 'Reboot'. The main content area displays a table of system information and configuration settings. The 'Router SSID' and 'Router Password' fields are highlighted with a red box. Below the table is a green 'Save' button.

Hardware Version	V1.6
Software Version	V2.14
Model	Dingtian IOT RELAY-4
Serial Number	0
DHCP	No ▾
IP	192.168.1.100
Netmask	255.255.255.0
Gateway	192.168.1.1
DNS	192.168.1.1
MAC	bc:34:88:00:00:00
Router SSID	lzproute
Router Password	lzplzj13723464709

support char 0~9,a~z,A~Z,-\_  
support char 0~9,a~z,A~Z,-\_

Save

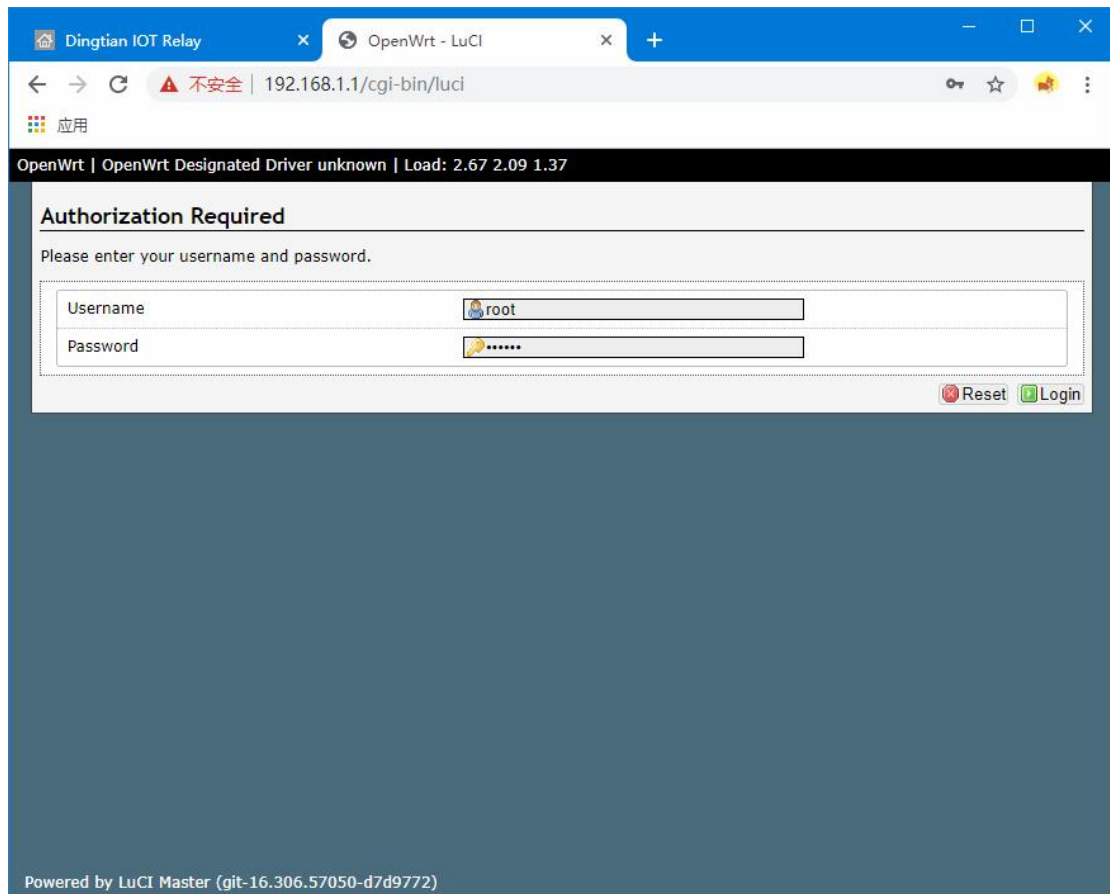
input you router ssid and password

click "Save" to save config.relay board well connect router,

when route ssid and password is right,router manage web page well show relay board wifi module ip address,

## step 3: Find relay board wifi module ip address from router web page

login to router web page



find wifi module DHCP ip address.

Dingtian IOT Relay x OpenWrt - Overview - LuCI x +

← → ↻ ⚠ 不安全 | 192.168.1.1/cgi-bin/luci/admin/status ☆ 📌

应用

OpenWrt | OpenWrt Designated Driver unknown | Load: 2.67 2.17 1.45 | Auto Refresh: **on** Unsaved Changes: 0

**Status** System Services Network Statistics Logout

**Overview** Firewall Routes System Log Kernel Log Processes Realtime Graphs VnStat Traffic Monitor

### Status

#### System

Hostname	OpenWrt
Model	dingtian-tech dt-MW300R v4
Firmware Version	OpenWrt Designated Driver unknown / LuCI Master (git-16.306.57050-d7d9772)
Kernel Version	4.4.14
Local Time	Sun Feb 23 20:26:01 2020
Uptime	9h 3m 56s
Load Average	3.14, 2.46, 1.63

#### Memory

Total Available	26076 kB / 60396 kB (43%)
Free	22292 kB / 60396 kB (36%)
Buffered	3784 kB / 60396 kB (6%)

#### Network

IPv4 WAN Status

Type: pppoe  
Address: 10.137.6.67  
Netmask: 255.255.255.255  
Gateway: 10.137.0.1  
DNS 1: 114.114.114.114  
DNS 2: 116.116.116.116  
Connected: 9h 3m 31s

pppoe-wan

IPv6 WAN Status

Address: 2408:8256:3876:159:6ee8:73ba:5655:567f/64  
Gateway: fe80::4e09:b4ff:fe1:3da0  
DNS 1: 2408:8888::8  
DNS 2: 2408:8899::8  
Connected: 9h 3m 19s

pppoe-wan

Active Connections

223 / 16384 (1%)

#### DHCP Leases

Hostname	IPv4-Address	MAC-Address	Leasetime remaining
ESP_E55B05	192.168.1.151	5c:cf:7f:e5:5b:05	11h 41m 54s
Redminivote4x-hongmish	192.168.1.204	e4:4b:da:e1:b5:76	11h 29m 41s
?	192.168.1.247	2c:fd:ab:9f:c5:83	11h 26m 36s

#### DHCPv6 Leases

Host	IPv6-Address	DUID	Leasetime remaining
There are no active leases.			

#### Wireless

Generic 802.11bgn Wireless Controller (radio0)

84%

SSID: lzproute  
Mode: Master  
Channel: 11 (2.462 GHz)  
Bitrate: 36.6 Mbit/s  
BSSID: 6C:E8:73:55:56:7F  
Encryption: mixed WPA/WPA2 PSK (CCMP)

wifi module Hostname format is ESP\_MAC,image show ESP\_E55B05,

ip address is 192.168.1.151

## step 4:control relay by network tool










### step 4.1: download SDK

we can find network tool in SDK



[ftp://ftp.dingtian-tech.com/relay\\_sdk.zip](ftp://ftp.dingtian-tech.com/relay_sdk.zip)

unzip relay\_sdk.zip

network tool name is net\_test

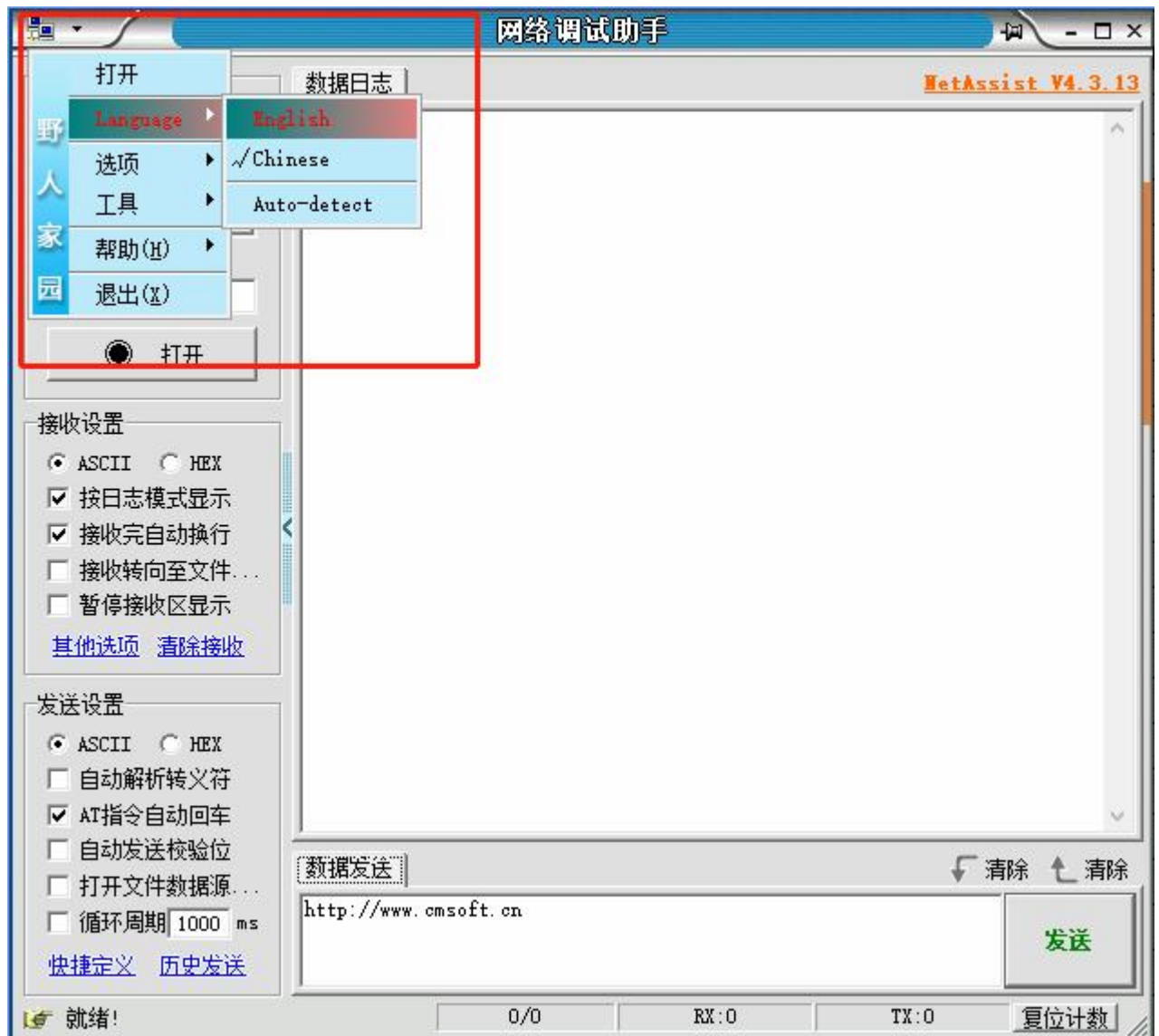
名称	修改日期	类型
 net_test	2020/2/10 10:17	文件
 rs485_test	2020/2/10 10:17	文件
 cgitest_v1_1.exe	2020/2/10 10:12	应用
 programing manual_en.pdf	2020/2/8 21:13	PDF
 readme.txt	2020/2/10 10:18	文本
 relay.sh	2019/9/25 23:48	Shell
 relay.sh_how_to.txt	2019/9/25 23:59	文本
 relaytool_v2_0.exe	2020/2/8 23:32	应用
 user_manual_en.pdf	2020/2/8 21:41	PDF

enter directory "net\_test"

名称
 NetAssist.cfg
 NetAssist.exe



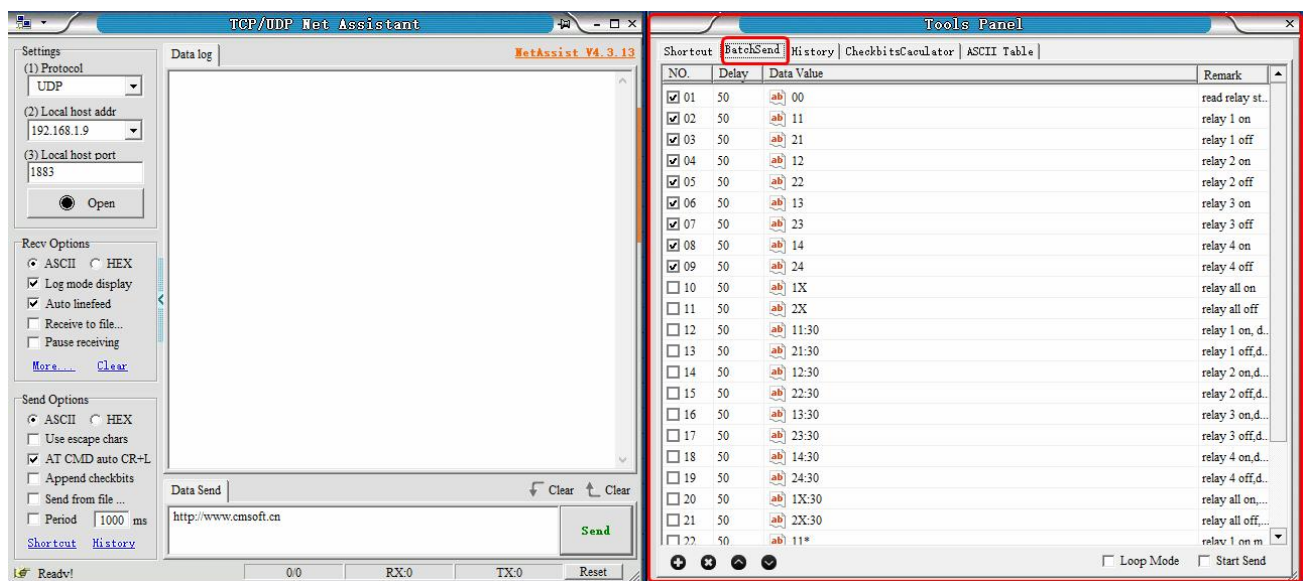
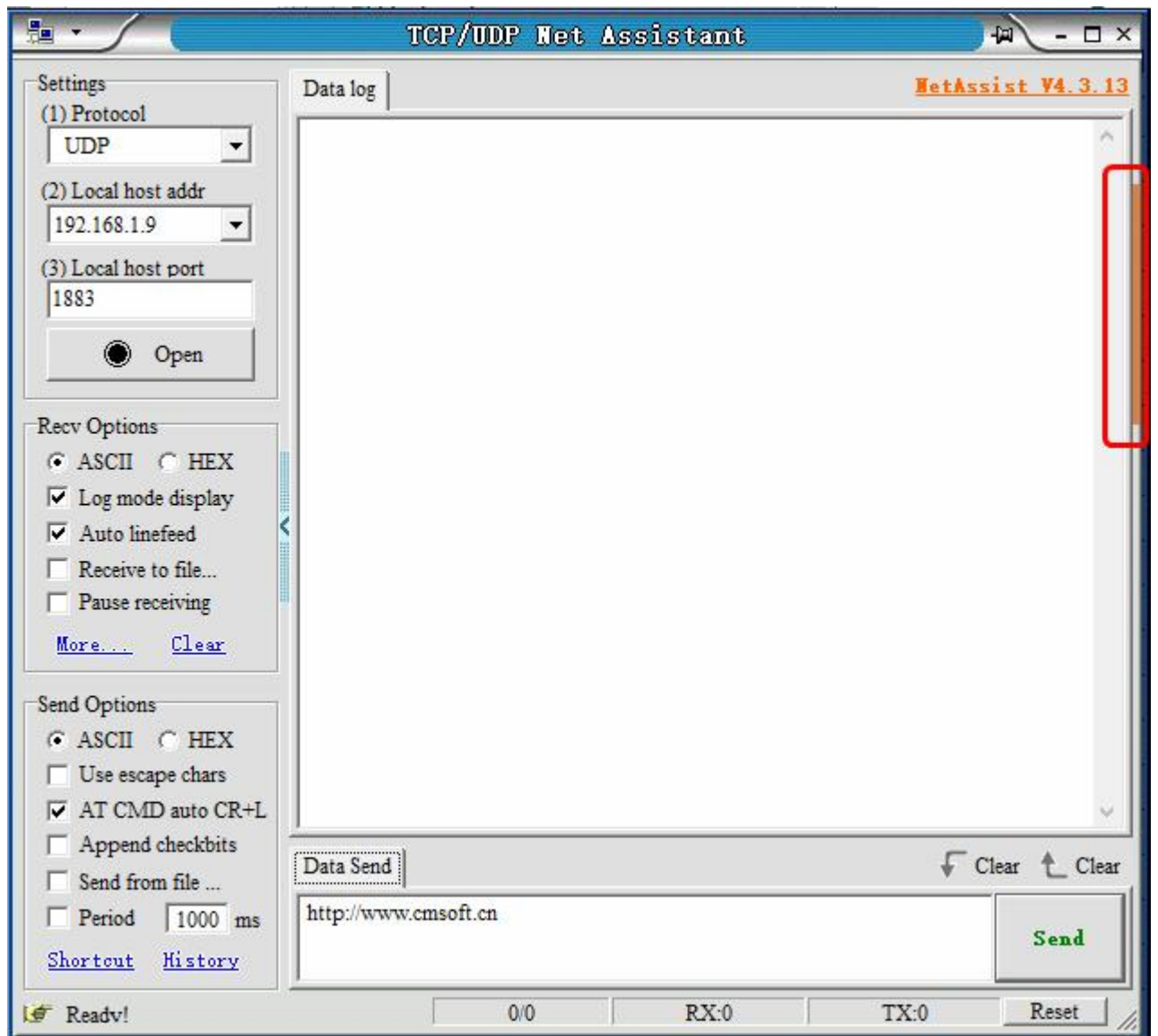
## step 4.2: Change NetAssist language



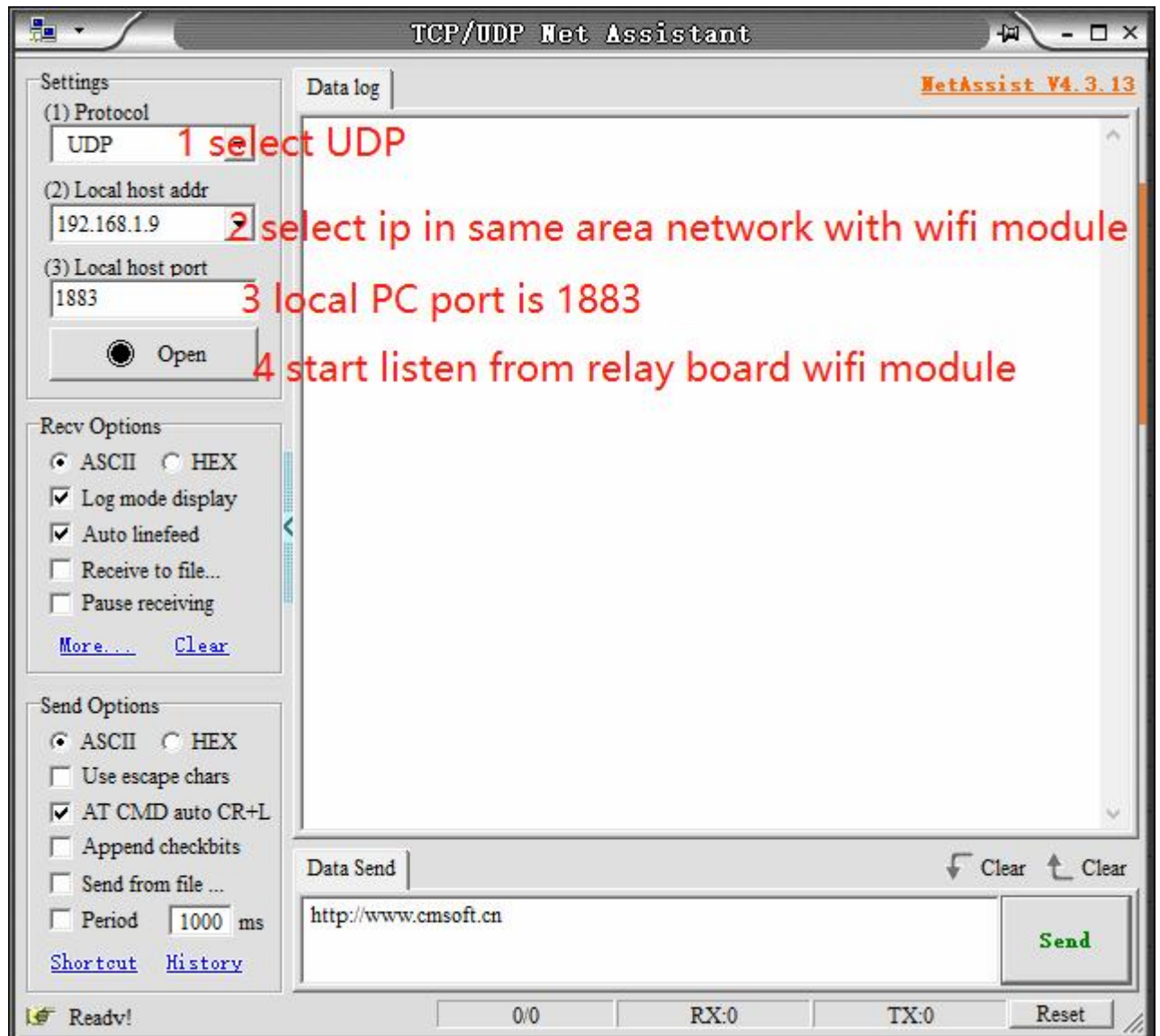
## step 4.3: Control relay via NetAssist network tool by wifi module

open NetAssist.exe

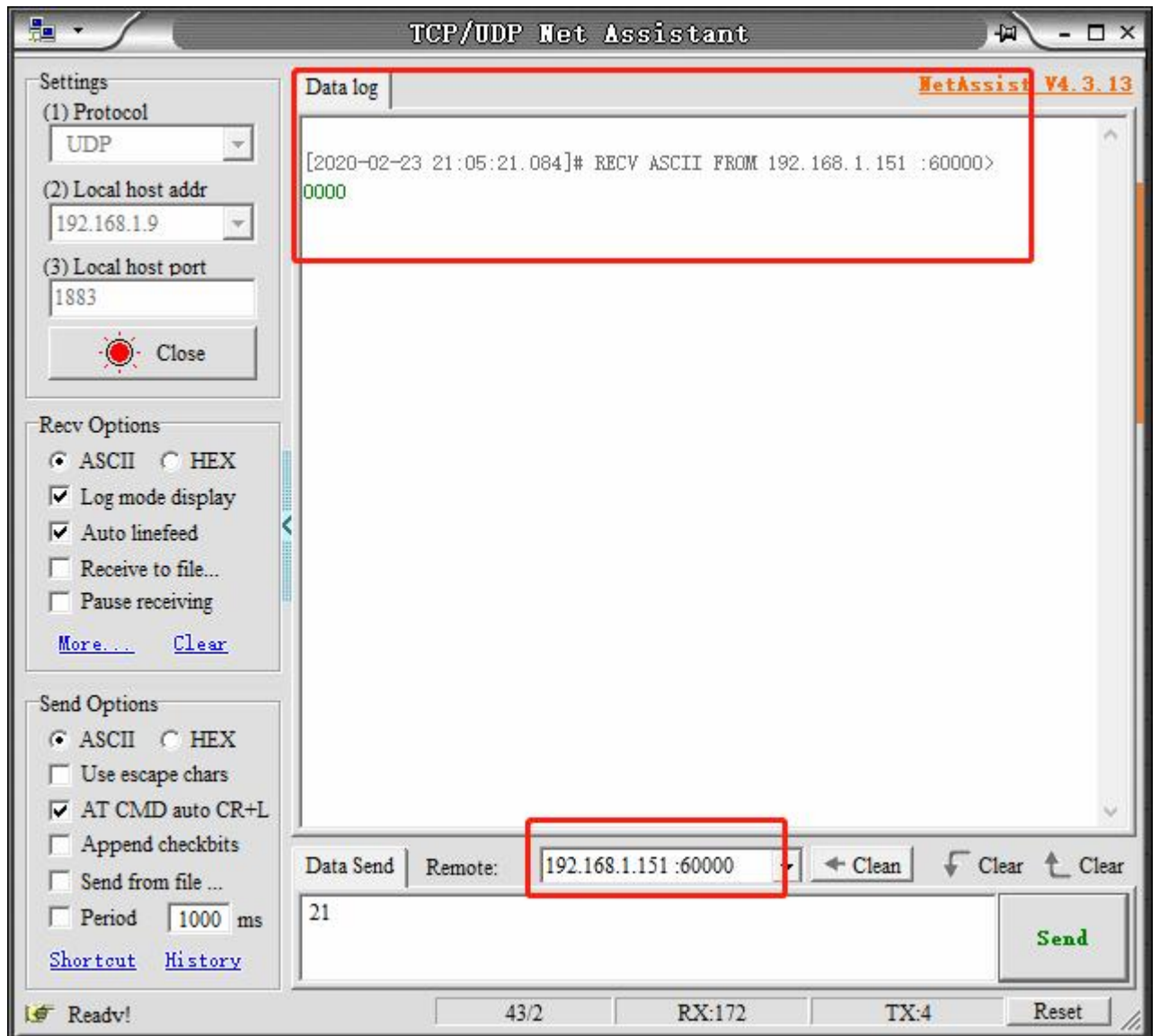
Shown in red box, open expansion panel



#### step 4.4: open UDP listen.



now relay board will send relay status to pc via wifi module

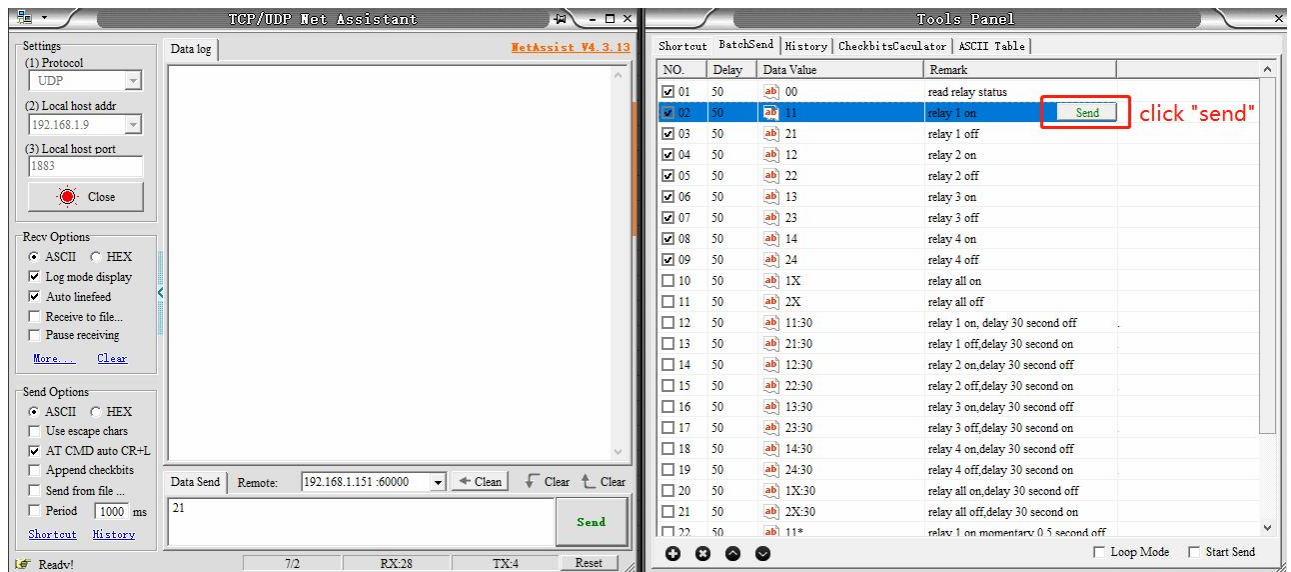


## step 4.5: control relay via wifi module

NetAssist tool Preset command

we only need send to relay board via netAssist

like below set relay 1 on



## Appendix II How to use Domoticz

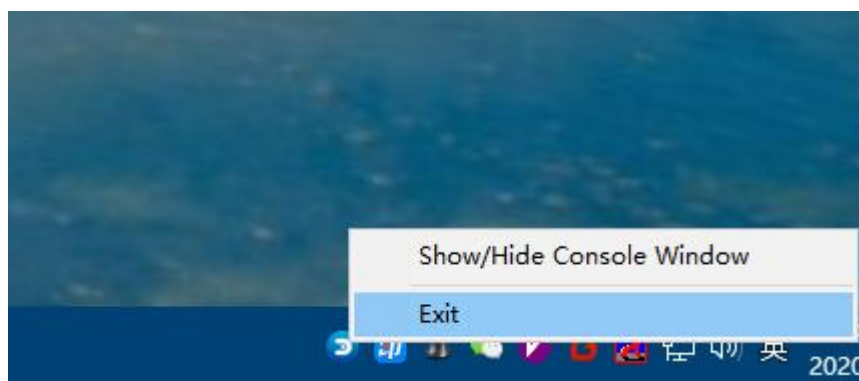
### step 1: install Dingtian plugin to Domoticz

Dingtian plugin find in SDK or github

[ftp://ftp.dingtian-tech.com/relay\\_sdk.zip](ftp://ftp.dingtian-tech.com/relay_sdk.zip)

<https://github.com/dtlzp/Domoticz-Dingtian-Relay-Plugin>

### 1 Stop Domoticz



## 2 Copy Domoticz\_plugins\dingtian to Domoticz plugin dir



名称	修改日期	类型
dingtian	2020/4/29 23:44	文件夹

to Domoticz install dir



名称	修改日期	类型	大
dingtian	2020/4/30 9:49	文件夹	

now Dingtian Relay plugin success installl to Domoticz.



## step 2: config Dingtian Relay board

1 config relay board **UDP Server**, **Keep Alive Second** and **Relay Password**

Dingtian IOT Relay

Menu

- Setting
- Relay Connect** 1
- Relay CGI Test
- Reset Password
- To Factory
- Reboot

### Relay

RS485 Baudrate	115200bps	
RS485 Databits	8bit	
RS485 Stopbit	1bit	
RS485 Parity	None	
CAN Speed	125Kbps	
CAN ID	1	
UDP Server	192.168.1.9	
UDP Server Port	60001	
TCP Server	192.168.1.9	
TCP Server Port	60001	
WIFI UDP Server	192.168.1.9	
WIFI UDP Server Port	1883	
Relay Password	4660	0~9999(0 no password)
Keep Alive Second	2	1~120 second(0 close)
Momentary Time	5	1~255 (1=100ms)

Self-lock	Self-lock	Self-lock	Self-lock
Self-lock	Self-lock	Self-lock	Self-lock

Other

Power failure recovery No

Save

 3

Relay Test

Relay1:Off

Relay2:Off

Relay3:Off

Relay4:Off

Relay5:Off

Relay6:Off

Relay7:Off

Relay8:Off

Dingtian Relay board web page **Relay Connect**  
set **UDP Server**, **Relay Password** and **Keep Alive Second**  
Notice: **UDP Server** set to **Domoticz Server IP**  
**Save** config



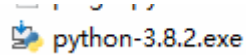
## step 3: Add Dingtian Relay to Domoticz

### 1 Install Python 3.8.2

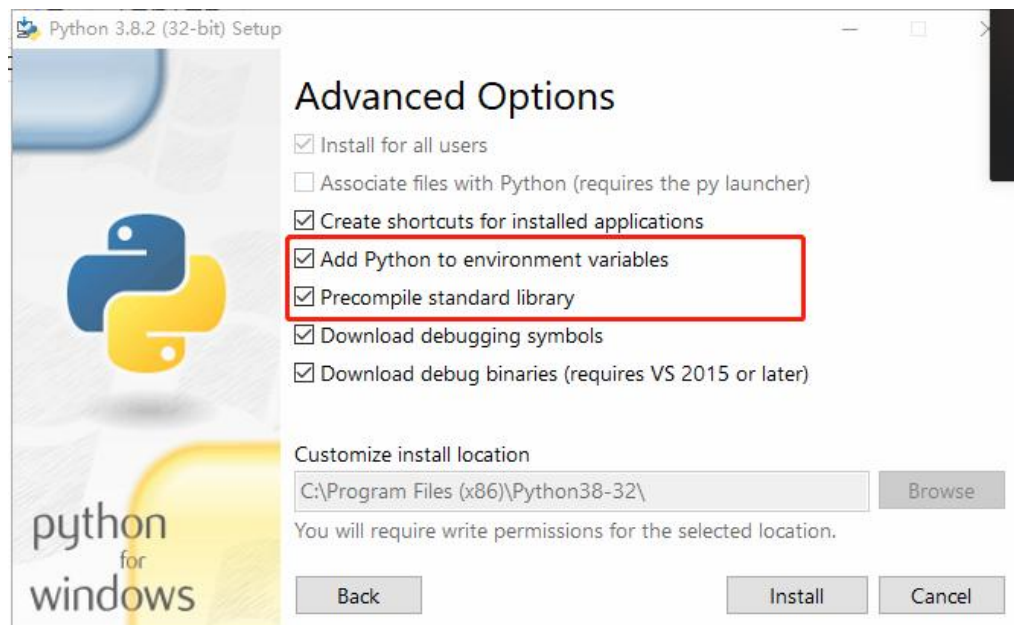
download address:

<https://www.python.org/ftp/python/3.8.2/python-3.8.2.exe>

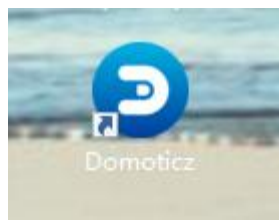
after download,install it



Add Python to environment

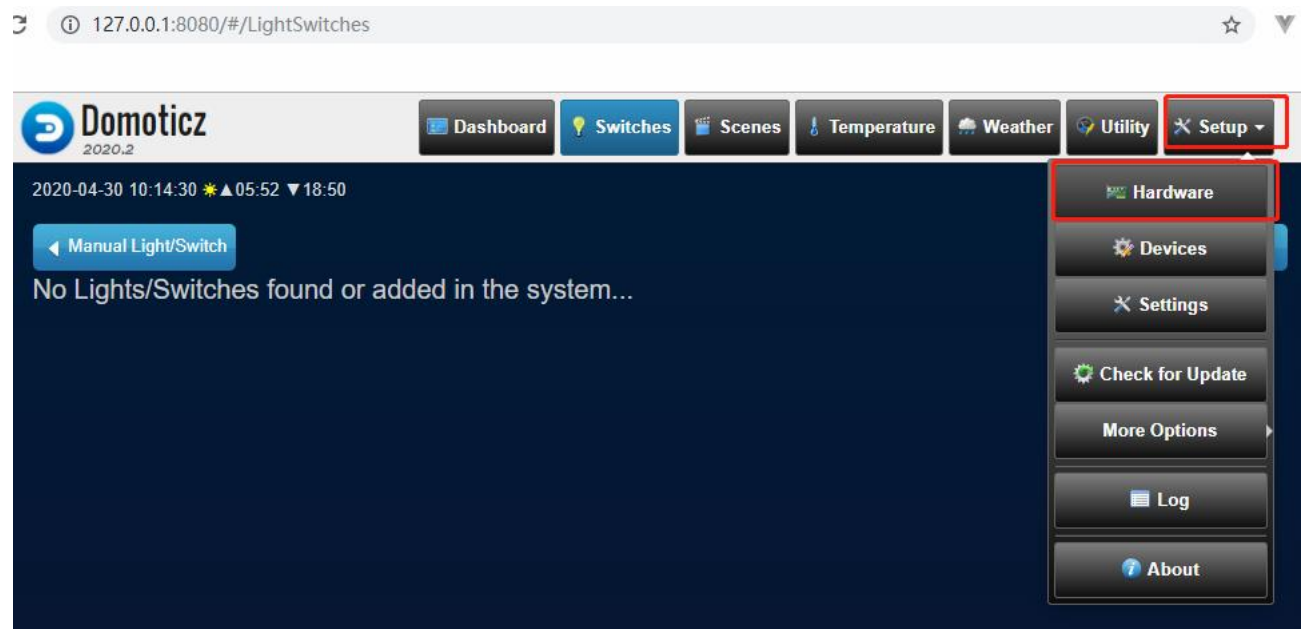


### 2 Start Domoticz



### 3 Add Dingtian Relay to Domoticz

#### 1 Find Hardware Menu



## 2 Input Dingtian Relay config

127.0.0.1:8080/#/Hardware

**Domoticz** 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

Show 25 entries Search :

Idx	Name	Enabled	Type	Address	Port	Data Timeout
No data available in table						

Showing 0 to 0 of 0 entries First Previous Next Last

Update Delete

Enabled: ☒

Name: dingtian-relay 1

Type: Dingtian Relay 2

Data Timeout: Disabled

Specifying a Data Timeout will restart the hardware device if no data is received for the specified time.  
Do not enable this option for devices that do not receive data!

Wiki URL: [stephen@dingtian-tech](mailto:stephen@dingtian-tech)

Product URL: [https://www.dingtian-tech/en\\_us/product.html?tab=relay](https://www.dingtian-tech/en_us/product.html?tab=relay)  
Dingtian-tech Relay Domoticz Plugin.

IP Address: 192.168.1.100 3

Port: 60001 4

Channel Count: 8 5

Password: 4660 6

Debug: False 7

Add 8

Type,IP Address,Port,Channel Count>Password must right,

Password is 1 config relay board UDP Server,Keep Alive Second and Relay Password

now check parameters is ok,

click “Add” to save

your can find Now Hardware and Relay

127.0.0.1:8080/#/Hardware

**Domoticz** 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

Show 25 entries Search:

Idx	Name	Enabled	Type	Address	Port	Data Timeout
2	dingtian-relay	Yes	Dingtian Relay	192.168.1.100		Disabled

Showing 1 to 1 of 1 entries

Update Delete

Enabled: ☒

Name: dingtian-relay

Type: Dingtian Relay

Data Timeout: Disabled  
Specifying a Data Timeout will restart the hardware device if no data is received for the specified time.  
**Do not enable this option for devices that do not receive data!**

Wiki URL: [stephen@dingtian-tech](mailto:stephen@dingtian-tech)

Product URL: [https://www.dingtian-tech/en\\_us/product.html?tab=relay](https://www.dingtian-tech/en_us/product.html?tab=relay)  
Dingtian-tech Relay Domoticz Plugin.

IP Address: 192.168.1.100

Port: 60001

Channel Count: 8

Password: 4660

Debug: False

Add

### 3 Add Relay to Switchs Page

127.0.0.1:8080/#/Devices

**Domoticz** 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

ed All Devices Not Used

Show 25 entries

	Idx	Hardware	ID	Unit	Name	Type	SubType	Data	Seen
<input type="checkbox"/>	7	dingtian-relay	00020007	7	dingtian-relay - RELAY7	Light/Switch	Switch	Off	-
<input type="checkbox"/>	8	dingtian-relay	00020008	8	dingtian-relay - RELAY8	Light/Switch	Switch	Off	-
<input type="checkbox"/>	2	dingtian-relay	00020002	2	dingtian-relay - RELAY2	Light/Switch	Switch	Off	-
<input type="checkbox"/>	3	dingtian-relay	00020003	3	dingtian-relay - RELAY3	Light/Switch	Switch	Off	-
<input type="checkbox"/>	4	dingtian-relay	00020004	4	dingtian-relay - RELAY4	Light/Switch	Switch	Off	-
<input type="checkbox"/>	5	dingtian-relay	00020005	5	dingtian-relay - RELAY5	Light/Switch	Switch	Off	-
<input type="checkbox"/>	6	dingtian-relay	00020006	6	dingtian-relay - RELAY6	Light/Switch	Switch	Off	-
<input type="checkbox"/>	1	dingtian-relay	00020001	1	dingtian-relay - RELAY1	Light/Switch	Switch	Off	-

Showing 1 to 8 of 8 entries

First Previous 1 Next Last

Hardware Devices Settings Check for Update More Options Log About

Click Add Device to use Relay









→ 127.0.0.1:8080/#/Devices

Domoticz 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

Used All Devices Not Used Refresh

Show 25 entries Search:

<input type="checkbox"/>	Idx	Hardware	ID	Unit	Name	Type	SubType	Data	Signal	Battery	Actions	Last Seen
<input type="checkbox"/>	7	dingtian-relay	00020007	7	dingtian-relay - RELAY7	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:14
<input type="checkbox"/>	8	dingtian-relay	00020008	8	dingtian-relay - RELAY8	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:14
<input type="checkbox"/>	2	dingtian-relay	00020002	2	dingtian-relay - RELAY2	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	3	dingtian-relay	00020003	3	dingtian-relay - RELAY3	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	4	dingtian-relay	00020004	4	dingtian-relay - RELAY4	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	5	dingtian-relay	00020005	5	dingtian-relay - RELAY5	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	6	dingtian-relay	00020006	6	dingtian-relay - RELAY6	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	1	dingtian-relay	00020001	1	dingtian-relay - RELAY1	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:12

Showing 1 to 8 of 8 entries First Previous 1 Next Last

Click Add Device confirm

→ 127.0.0.1:8080/#/Devices

Domoticz 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

Used All Devices Not Used Refresh









Show 25 entries Search:

**Add Device**

Name: dingtian-relay - RELAY7

As: ☒ Main Device ☐ Sub/Slave Device

**Add Device** Cancel

<input type="checkbox"/>	Idx	Hardware	ID	Unit	Name	Type	SubType	Data	Signal	Battery	Actions	Last Seen
<input type="checkbox"/>	7	dingtian-relay	00020007	7	dingtian-relay - RELAY7	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:14
<input type="checkbox"/>	8	dingtian-relay	00020008	8	dingtian-relay - RELAY8	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:14
<input type="checkbox"/>	2	dingtian-relay	00020002	2	dingtian-relay - RELAY2	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	3	dingtian-relay	00020003	3	dingtian-relay - RELAY3	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	4	dingtian-relay	00020004	4	dingtian-relay - RELAY4	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	5	dingtian-relay	00020005	5	dingtian-relay - RELAY5	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	6	dingtian-relay	00020006	6	dingtian-relay - RELAY6	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:13
<input type="checkbox"/>	1	dingtian-relay	00020001	1	dingtian-relay - RELAY1	Light/Switch	Switch	Off	-	-		2020-04-30 10:26:12

Showing 1 to 8 of 8 entries First Previous 1 Next Last



result

→ 127.0.0.1:8080/#/Devices

应用

**Domoticz** 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

Used All Devices Not Used Refresh

Show 25 entries Search:

<input checked="" type="checkbox"/>	Idx	Hardware	ID	Unit	Name	Type	SubType	Data	Signal	Power	Last Seen
<input type="checkbox"/>	7	dingtian-relay	00020007	7	dingtian-relay - RELAY7	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:14
<input type="checkbox"/>	8	dingtian-relay	00020008	8	dingtian-relay - RELAY8	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:14
<input type="checkbox"/>	2	dingtian-relay	00020002	2	dingtian-relay - RELAY2	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:13
<input type="checkbox"/>	3	dingtian-relay	00020003	3	dingtian-relay - RELAY3	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:13
<input type="checkbox"/>	4	dingtian-relay	00020004	4	dingtian-relay - RELAY4	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:13
<input type="checkbox"/>	5	dingtian-relay	00020005	5	dingtian-relay - RELAY5	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:13
<input type="checkbox"/>	6	dingtian-relay	00020006	6	dingtian-relay - RELAY6	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:13
<input type="checkbox"/>	1	dingtian-relay	00020001	1	dingtian-relay - RELAY1	Light/Switch	Switch	Off	-	-	2020-04-30 10:26:12

Showing 1 to 8 of 8 entries First Previous 1 Next Last

## 4 Control Dingtian Relay with Domoticz

Switch “Switches” page

127.0.0.1:8080/#/LightSwitches

**Domoticz** 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

2020-04-30 10:35:20 ☀️▲05:52 ▼18:50

Manual Light/Switch Learn Light/Switch

dingtian-relay - RELAY1 Off

Last Seen: 2020-04-30 10:26:12  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY2 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY3 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY4 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY5 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY6 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY7 Off

Last Seen: 2020-04-30 10:26:14  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY8 Off

Last Seen: 2020-04-30 10:26:14  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

Click light icon to control relay

127.0.0.1:8080/#/LightSwitches

Domoticz 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

2020-04-30 10:36:10 05:52 18:50

Manual Light/Switch Learn Light/Switch

dingtian-relay - RELAY1 Off

Last Seen: 2020-04-30 10:26:12  
Type: Light/Switch, Switch, On/Off

Turn On Log Edit Timers Notifications

dingtian-relay - RELAY2 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY3 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY4 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY5 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY6 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY7 Off

Last Seen: 2020-04-30 10:26:14  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY8 Off

Last Seen: 2020-04-30 10:26:14  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

127.0.0.1:8080/#/LightSwitches

Domoticz 2020.2

Dashboard Switches Scenes Temperature Weather Utility Setup

2020-04-30 10:37:40 05:52 18:50

Manual Light/Switch Learn Light/Switch

dingtian-relay - RELAY1 On

Last Seen: 2020-04-30 10:37:36  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY2 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY3 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY4 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY5 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY6 Off

Last Seen: 2020-04-30 10:26:13  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY7 Off

Last Seen: 2020-04-30 10:26:14  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications

dingtian-relay - RELAY8 Off

Last Seen: 2020-04-30 10:37:28  
Type: Light/Switch, Switch, On/Off

Log Edit Timers Notifications