IoT Controller

RESET SWITCH

Power LED   WiFi LED   Online LED

220V AC to 12V DC Power supply

12V DC

220V AC

NIFI-104
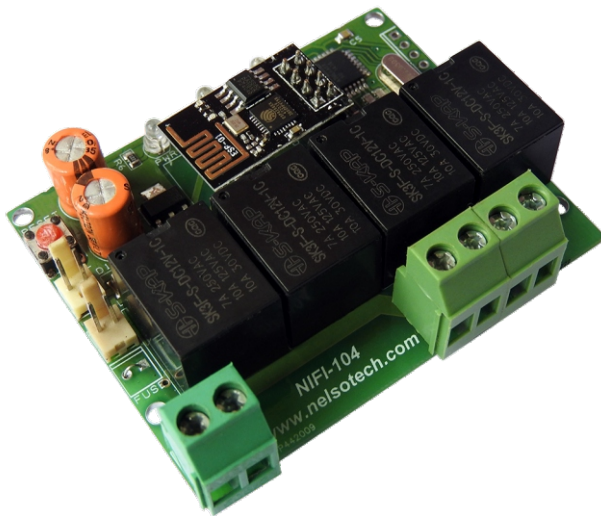www.nelsotech.com

N L
Input 220V AC

1 2 3 4
Output 220V AC

4 Port WiFi based IoT Controller

Model: NIFI-104

Document Ver: 1.0   Date: 07-08-2020

General Description:

NIFI-104 is a 4 port wifi enabled IoT controller through which you can control any appliances like Fan, Light, TV etc. with your mobile phone remotely. IoT devices use the internet to communicate, collect, and exchange information about our online activities. This module has integrated with WiFi communication. Connecting the module with your home WiFi router, it will become online. Download our android application "IoT Controller" from Play Store. Now you can control all connected appliances from your mobile.
It can also be used for street light control, smart industry, smart office etc.

Features:

- Switch ON/OFF appliances with your mobile
- 220V AC required to operate the controller
- Real-time control
- Control up to 4 appliances
- Free Android Application
- Password protected
- Unlimited user can control
- Control from any part of the world
- Easy to install
- 220V AC required to operate the controller
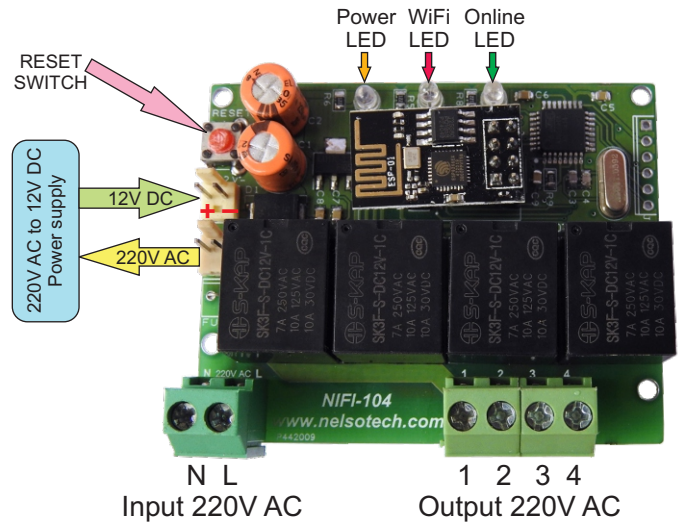
LED Indication:

Power LED: Continuous ON.

WiFi LED: Continuous ON if the device connected to the WiFi network which has internet connection.

Online LED: Continuous ON when the device is connected to the server. The device can be only operated with the phone after the Online LED ON.

Reset Switch:

It has two functions. You can reset the device and save your home WiFi password to the device.

Reset Device:

Turn Off the device. Press and hold Reset Switch and power On it. WiFi LED will blink 3 times and the device will reset to factory defaults. It will erase any saved WiFi credential and device control password.

Enter setup mode:

Press and hold Reset Switch for 10 to 15 Sec at any moment to enter setup mode until WiFi LED turned Off and Online LED will blink 3 times and then become On.

Quick installation:

- Connect 220V AC input to the connector shown above. Make sure that live and neutral are connected at respective terminals properly.
- 220V AC to 12V DC converter as shown.
- Connect up to 4 appliances to corresponding port 1, 2, 3 and 4.
- Turn On the device and wait for 30Sec.
- Install IoT Controller application from Play Store.
- Enter setup mode and save WiFi password.
- Add device in your app. by entering serial number of the device. No need to enter Current Password field. It is blank by default.
- Wait until WiFi and online LED On.

Device Specification:

Network: WiFi
Supply Voltage: 220V AC, 50 Hz.
Power Supply: 10-14V DC 1A
Output: 220V AC through 3 relay NO contact
Contact rating: 7 Amp. for each contact

Android App Download Link:

https://play.google.com/store/apps/details?id=com.nelso.iotremotecontroller