

## LED STAIR INDUCTION CONTROL UNIT

## Installation Diagram



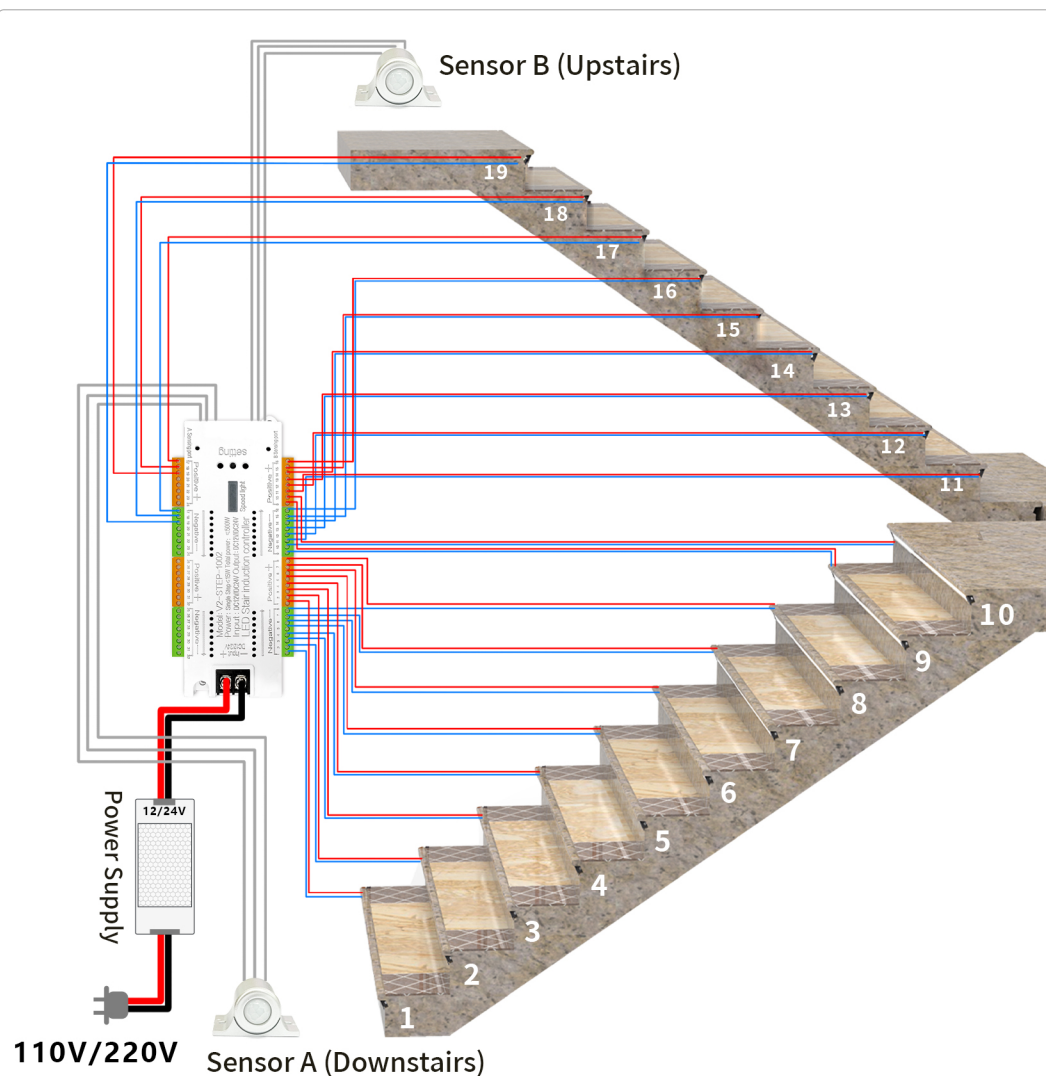
## 1.CONNECTION METHOD:

Insert the LED light strips into the controller ports of the corresponding stair steps in sequence.

## For Example:

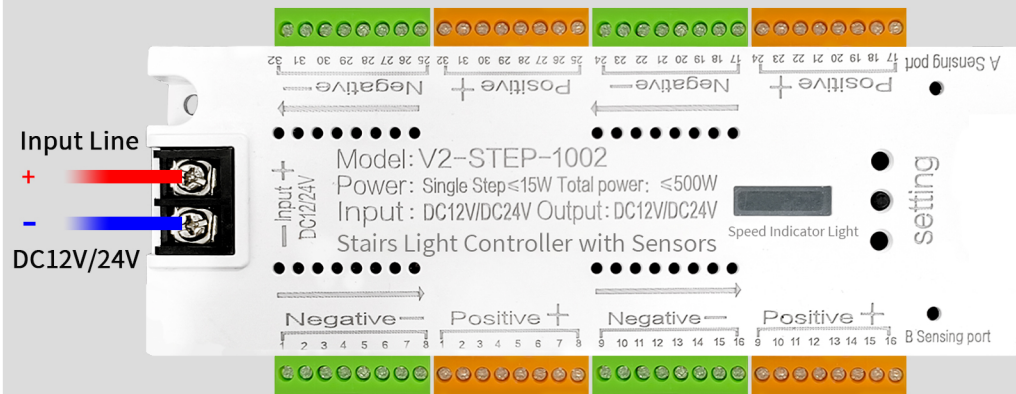
- \*.The positive pole of the light strip on the first step is plugged into the **orange** terminal number 1, and the negative pole is plugged into the **green** terminal number 1.
- \*. The positive pole of the light strip on the second step is plugged into the **orange** terminal number 2, and the negative pole is plugged into the **green** terminal number 2.
- \*. The positive pole of the light strip on the third step is plugged into the **orange** terminal number 3, and the negative pole is plugged into the **green** terminal number 3. . . . . And so on.

This controller has 32 ports. According to the actual situation, plug in the required light strips in sequence without paying attention to the extra ports, and you can add light strips later.





# PHYSICAL DRAWING OF PRODUCT



## 2.PRODUCT SPECIFICATION

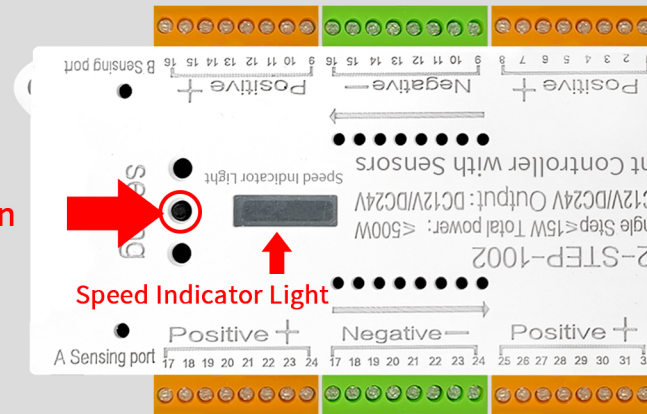
Stairs Light Controller with Sensors	Product Model: V2-STEP-1002 DC12V/24v
Input/Output Voltage: DC 12V/24V	Output Power: <500W Max
Total Ports: 32      Sensor: 2 (A & B)	Product Size: 185*78*25 mm

## 3.WIRING PRECAUTIONS:

- The product is limited to indoor dry environment use. Strong wind, strong heat, strong shaking and other environments may cause the sensor to fail. The sensing angle is 120 degrees, the sensing distance is 1-3 meters, and the sensing head is most sensitive when facing people.
- Arrange the wires according to the actual project layout, without being affected.
- The controller is installed according to the convenient installation position.
- The AB sensor head needs to be fixed with surface-mounted screws.
- AB sensor head can be customized for concealed embedded models (customizable).

# OPERATION MANUAL

## Controller Switch Button



## 4.INSTRUCTIONS:

- 1) Short press the switch once to adjust the light speed, there are four levels.**  
The speed adjustment is 100% 75% 50% 25% respectively, the lesser the red lights turns on means the faster the speed, the more red lights turns on means slower the speed.
- 2) Press and hold the switch for 5 seconds to enter the stairs step setting mode.**  
Short press the switch once to set the first step of stairs,  
Short press the switch for the second time to set the second step of stairs,  
Short press the switch for the third time to set the third step of stairs,  
And so on, until the actual number of steps is set.  
The controller has a corresponding step blue indicator light, which lights up every time a step size is set. After the above operations are completed, press and hold for 5 seconds again to automatically save the corresponding settings.

1.This product is a low-voltage product 12/24V, and it needs to be connected to a power supply of 12/24V. Do not connect it directly to 110/220v, so as not to burn out the controller.

2.Please operate the light wiring when the power is off. After the operation, first check that there is no problem with the light and the lines before turning on the power. If the light or lines are not connected properly, there may be a short circuit, which will cause the controller port to burn.

3.This product is not waterproof, please do not immerse in water or use near fire.