GLEDOPTO®

GL-SW-001

IR Sensor Swtich

User Instruction

Product Parameter

Input Voltage: DC 5-12-24V

Input Current: 5mA Max

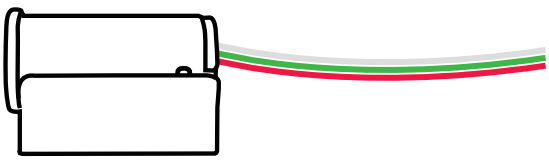
Wire Gauge: 22 AWG

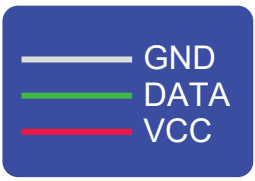
Wire Length: 50cm

Material: Flame Retardant PC

Operating Temperature: -20~45℃

Wiring instructions

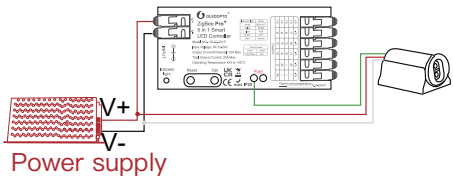




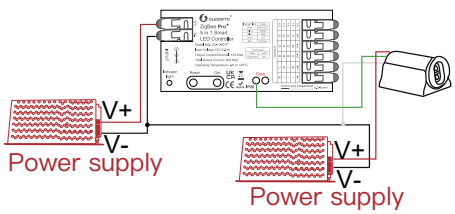
Use with controller

Take GL-C-201P as the example

Situation 1



Situation 2

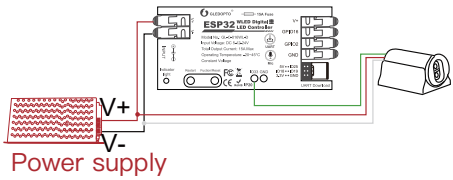


Note:

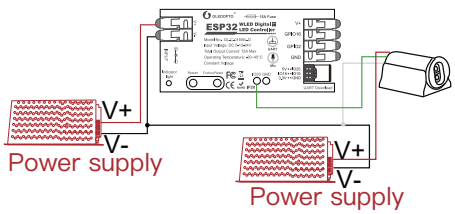
A quick swipe = ON/OFF Extended occlusion = brightness adjustment

Take GL-C-016WL-D as the example

Situation 1

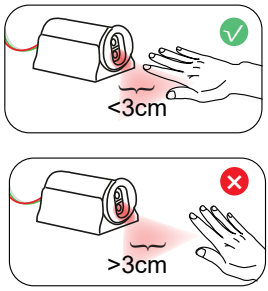


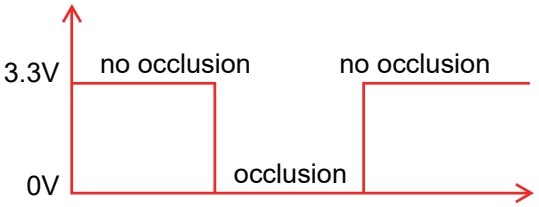
Situation 2



- GPIO 33
  - Button 0
    - Pushbutton
      - A quick swipe: On/Off
      - Extended occlusion 1S: Adjust color
      - Extended occlusion 10S: Enter WiFi-AP mode, pop-up hotspot "WLED-AP"
    - Switch
      - Turn off the light when blocked; turn on the light when unblocked.
  - Button 1
    - Pushbutton
      - A quick swipe: Adjust mode
      - Extended occlusion: Adjust brightness
    - Switch
      - Turn off the light when blocked; turn on the light when unblocked.

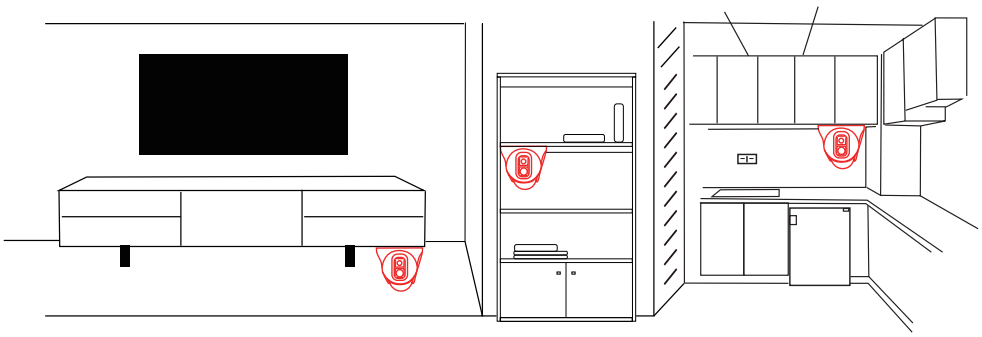
Operation





Output signal:
low level when occlusion detected;
high level when no occlusion.

Installation recommendation



Attention

1. Before turning on the power, please ensure that all connections are correct and secure, and do not operate while the power is on.
2. The product should be used under the rated voltage. Using it under excessive or insufficient voltage may cause damage.
3. Do not use the product in environments exposed to direct sunlight, moisture, high temperatures, etc.
4. Do not use the product in metal shielded areas or around strong magnetic fields, as this may severely affect the wireless signal transmission of the product.

Disclaimers

1. Our company will update the content of this manual based on the improvement of product functionality. The updates will be displayed in the latest version of this manual, without further notice.
2. Due to our continuous adoption of new technologies, product specifications may change without further notice.
3. This manual is provided for reference and guidance only and does not guarantee complete consistency with the actual product. The actual application should be based on the actual product.
4. The components and accessories described in this manual do not represent the standard configuration of the product. The specific configuration is subject to the packaging.
5. All text, tables, and images in this manual are protected by relevant national laws and may not be used without our permission.