

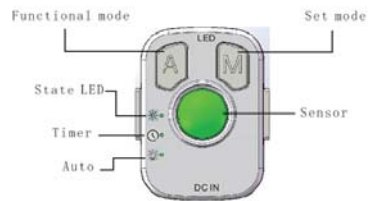
Smart Human Motion Sensor LED Strip Controller

Product Introduction:

1. The human motion sensor LED strip controller utilizes PIR infrared detection with a sensing angle of 120 degrees and a range of approximately 0-5 meters to detect human activity.
2. When motion is detected within the sensing range, the lights automatically turn on. After leaving the sensing range, the lights will turn off automatically after the preset duration (adjustable).
3. Equipped with an ambient light sensor, it can disable the motion sensing function when the environment is sufficiently bright.
4. Features built-in stepless dimming functionality, allowing brightness adjustment of the LED strip.
5. The smart controller automatically memorizes the current mode, eliminating the need for repeated settings after power outages, offering flexible control.
6. Easy installation with included brackets or double-sided adhesive tape.

Product Parameters:

Voltage	DC5-24V/USB5V	Delay Time	10S-30S-60S-120S
Sensing Distance	0-5M (environment-dependent)	Dimming Range	10%-100%
Sensing Angle	120°	Load Voltage	DC5V-24V
Material	PCB&ABS	Load Type	LED Light Source



Operating Instructions:

- DC IN: Power input interface (DC 5V-24V/USB 5V)
- OUT LED: LED strip output interface (must match the supply voltage)
- Automatically enters memory mode when powered on.
- Button A:
 - Press once to enter 24H auto-sensing mode. Press again to enter night sensing mode (LED indicator light on).
 - Hold for 3 seconds to enter constant-on mode (LED indicator stays on)
- Button M:
 - Short press to adjust motion-sensing delay time:
10S (1 flash) - 30S (2 flashes) - 60S (3 flashes) - 120S (4 flashes)
 - Long press for 3 seconds to enter stepless dimming mode (LED indicator flashes continuously).

Precautions:

1. Avoid installation in areas with strong wind or rapid temperature changes to prevent false triggers.
2. Operating temperature range: -10° C to 40° C. Face the sensor toward the detection area and avoid obstructions.
3. If the controller detects continuous movement (including but not limited to people, animals, vehicles, or drafts), the light will remain on until the motion stops, after which it will turn off after the preset delay (adjustable).