



20*10*2000mm LED sensor light strip with PIR and hand scan sensors in an aluminum alloy profile shell for built-in cabinets and wardrobes

Our Product Introduction

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Basic Information

Dense Lamp Beads Emit Light Evenly

There are 120 lamp beads per meter length

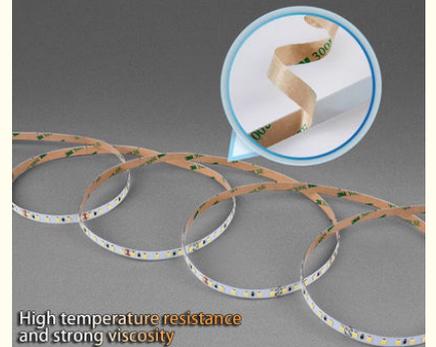


Product Specification

- Highlight: 20*10*2000mm LED sensor light strip, PIR and hand scan sensor LED light strip, Aluminum alloy profile shell LED strip

Double-sided Adhesive For Lossless Installation

The back of the light strip uses double-sided adhesive



High temperature resistance and strong viscosity

More Images



Product Description

LED Sensor Light Strip - 20×10×2000mm

Designed for seamless integration into built-in cabinets, wardrobes, and wine cabinets with precise dimensions and professional lighting performance.

Specifications & Dimensions

Cross-section: 20mm width × 10mm height (depth)

Standard length: 2000mm (2 meters) - supports custom cutting to fit specific cabinet dimensions

Installation slotting: Recommended slot size of 20.5mm width × 10-11mm depth to accommodate edge design variations

Pursuit art

Use scenario display



Technical Parameters

Parameter	Specification
Operating Voltage	DC 12V or 24V low-voltage (requires transformer)
Power Consumption	10W - 14.4W/meter (20W - 30W total for 2 meters)

Sensing Technology Options:

PIR Motion Sensing: Automatically activates when doors open or person approaches - ideal for wardrobes

Hand Scan Sensor: Touch-free operation - perfect for kitchen cabinets and wet environments

Touch Sensing: Direct surface contact for on/off and dimming control

Color Temperature Selection:

3000K Warm Yellow: Creates cozy atmosphere - ideal for wine cabinets and bedroom wardrobes

4000K Neutral White: Natural bright lighting - optimal for kitchen countertops and bookcases

6000K Pure White: Clean transparent light - perfect for modern display cabinets



Application Scenarios & Installation

Built-in Cabinets: Embedded installation under wall cabinets provides shadow-free task lighting

Wardrobes & Wine Cabinets: Integrated into shelves or side panels - 20mm width offers wide illumination while 10mm depth ensures discreet installation

Construction & Materials:

Housing: Aluminum alloy profile for superior heat dissipation and extended LED lifespan

Diffuser: PC milky white material ensures uniform light distribution and reduces glare

Installation Planning: Requires pre-cut grooves during carpentry stage with reserved wiring channels and concealed power driver placement (ceiling or cabinet top)

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