

## Product introduce

IR controller can realize remote control of infrared devices through APP or HyPanel series. It supports the control of a variety of equipment types, such as air conditioning, TV, fan, etc. It offers extensive infrared signal coverage, which ensures that it can effectively control devices within its range. Equipped with infrared learning capabilities and integrated temperature and humidity sensors, this durable and efficient controller is designed to enhance your smart home experience while operating effectively in a wide range of environmental conditions.

## At a Glance

- Support thousands of mainstream brands, can control air conditioning, TV and other devices;
- Broad Infrared Signal Coverage within 10-15m range;
- Wide Wireless Range, up to 70m in an open environment;
- Temperature and humidity sensor built-in;
- Standard ZigBee3.0 protocol, good compatibility;
- Support infrared learning;
- Free tool installation, stick and play;



## Basic Information

- Model Number: IR21
- Power Supply: DC5V
- Working Temperature: -10 ~ +55 °C
- Working Humidity: 10 ~ 90 % RH
- Connections: ZigBee 3.0
- Product Size:  $\phi 80 * 48\text{mm}$
- Wireless Distance:  $\leq 70\text{m}$  (open environment)
- Infrared Frequency: 38KHz
- Infrared Signal Coverage: Horizontal 360°, vertical 180° (hemisphere range), 10-15m
- LED indicator light: Support
- Buzzer:  $\leq 55\text{dB}$
- Infrared learning: Support
- Temperature Sensor:  $\pm 1^\circ\text{C}$ , range:  $-10^\circ\text{C} \sim +55^\circ\text{C}$
- Humidity Sensor:  $\pm 5\%$ , range: 10%~90%RH, without condensation
- Material: PC+Infrared transmission material