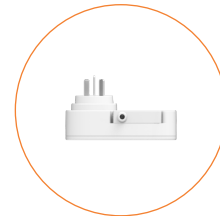
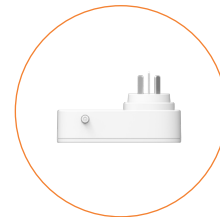


## Products

### – Comfort & Thermostat

AC211

Split A/C control



## Description

The Split A/C control AC211 converts the ZigBee signal of the gateway into IR command so as to control the air conditioner in your home area network. It has pre-installed IR codes used for main-stream split air conditioners. It can detect room temperature and humidity as well as the power consumption of the air conditioner, and display the information on it's screen.

## Main Features

- ZigBee HA1.2 compliant
- Convert the ZigBee signal of the gateway into IR command
- Pre-installed IR code for main stream split air conditioners
- All-angle IR coverage: cover 180° of the target area
- Room temperature and humidity display
- Power consumption monitoring
- IR code study functionality for unknown brand A/C devices
- Switchable power plugs for various country standards: EU, UK, AU, IT, ZA, CN, FR

## Main Specifications

Wireless Connectivity	
ZigBee	<ul style="list-style-type: none"><li>• 2.4GHz IEEE 802.15.4</li></ul>
ZigBee Profile	<ul style="list-style-type: none"><li>• ZigBee HA1.2</li></ul>
RF Characteristics	<ul style="list-style-type: none"><li>• Operating frequency: 2.4GHz</li><li>• Range outdoor/indoor: 100m / 30m(Open area)</li><li>• Internal PCB Antenna</li><li>• TX Power: 6~7mW(+8dBm)</li><li>• Receiver sensitivity: -102dBm</li></ul>
Physical Specifications	
Operating Voltage	<ul style="list-style-type: none"><li>• 100~240 Vac 50/60 Hz</li></ul>
IR	<ul style="list-style-type: none"><li>• Infrared emission and receiving</li><li>• Carrier frequency: 15kHz-85kHz</li></ul>
Metering Accuracy	<ul style="list-style-type: none"><li>• <math>\leq \pm 1\%</math></li></ul>
Temperature	<ul style="list-style-type: none"><li>• Sensing Range: -10~85° C</li><li>• Sensing Accuracy: <math>\pm 0.4^\circ</math></li></ul>
Humidity	<ul style="list-style-type: none"><li>• Sensing Range: 0~80% RH</li><li>• Sensing Accuracy: <math>\pm 4\%</math> RH</li></ul>
Operating Environment	<ul style="list-style-type: none"><li>• Temperature: -10°C ~ 55°C</li><li>• Humidity: up to 90% non- condensing</li></ul>
Dimension	<ul style="list-style-type: none"><li>• 68(L) x 122(W) x 64(H) mm</li></ul>
Weight	<ul style="list-style-type: none"><li>• 178 g</li></ul>