

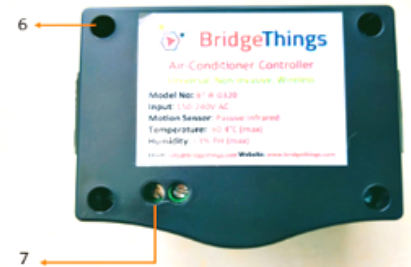
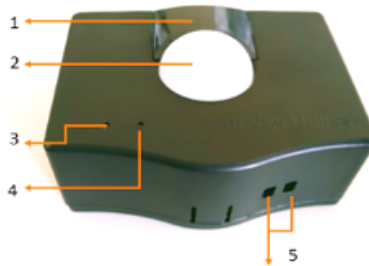
Description

BT SPAC Controller is a smart universal split AC controller that can continuously monitor the temperature & humidity of a space and thereby control the air conditioner operations efficiently to save energy. With ASHRAE's heat index built-in, SPACs can ensure comfortable cooling while efficiently controlling the compressor operations. An inbuilt occupancy sensor allows SPAC to quickly turn off the air conditioner to save energy. A variant of SPAC, the SPACRT comes with an inbuilt clock that allows users to operate air conditioners at a specified predefined time - a simple way to save energy.



PRODUCT OVERVIEW

- 1 - IR Blaster and IR Receiver section
- 2 - PIR Motion Sensor
- 3 - Motion Indication LED (Green LED)
- 4 - Power Indication LED (Red LED)
5. AC Wire Inserting Slots
6. Box Tightening Screw Slots
7. AC Wire Tightening Screw Slots



Features

- Continuous monitoring of temperature and humidity to efficiently control air conditioner compressor operations.
- Inbuilt Timer is available so we can set ON, OFF Timings according to working times in offices.
- Intelligent to change setpoint back to 24°C if AC is set to temperatures below 24°C
- A password security feature is available to turn on the WiFi mode in the device.
- PIR Motion sensor in the device can Turn ON and Turn OFF the AC to save energy.
- Air-conditioner is controlled via the IR interface, no problem with the warranty
- Optional Cloud support over WiFi/LoRa, to monitor AC operations across your facility

Specifications

MODEL: BTIR-0320

INPUT : 150-240V,50Hz AC Power

WATTAGE: 2 WATT

MOTION SENSOR TYPE: Passive Infrared

VIEWING ANGLE: 120°

TEMPERATURE: $\pm 0.2^\circ$ C (max)

HUMIDITY : $\pm 3\%$ RH (max)

How it Works?

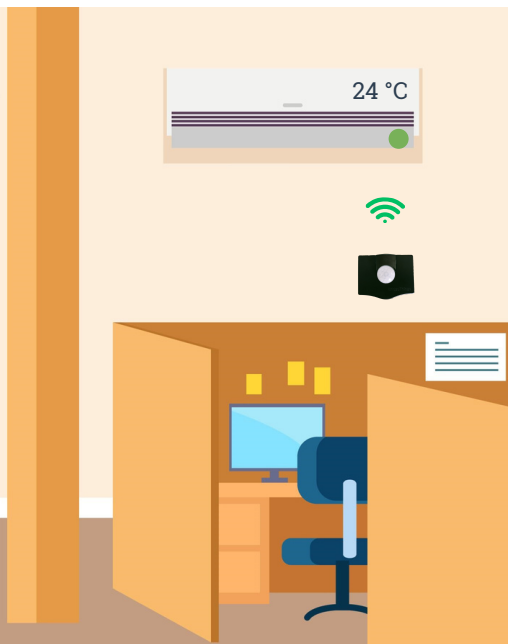
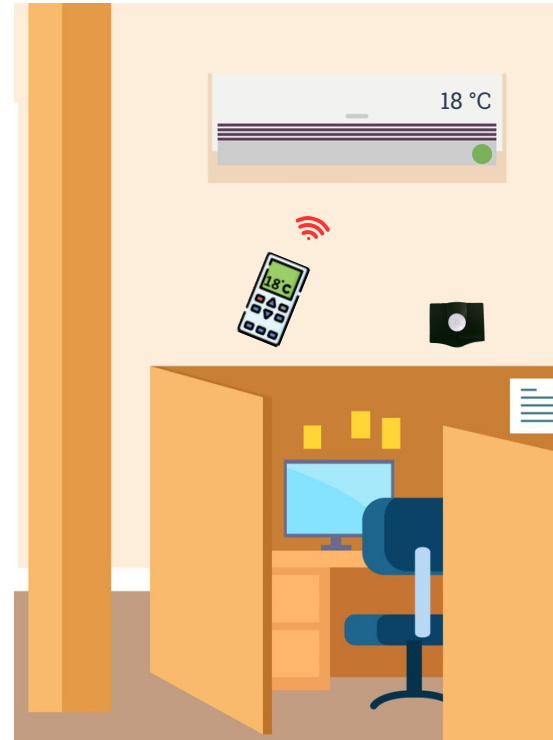


BridgeThings



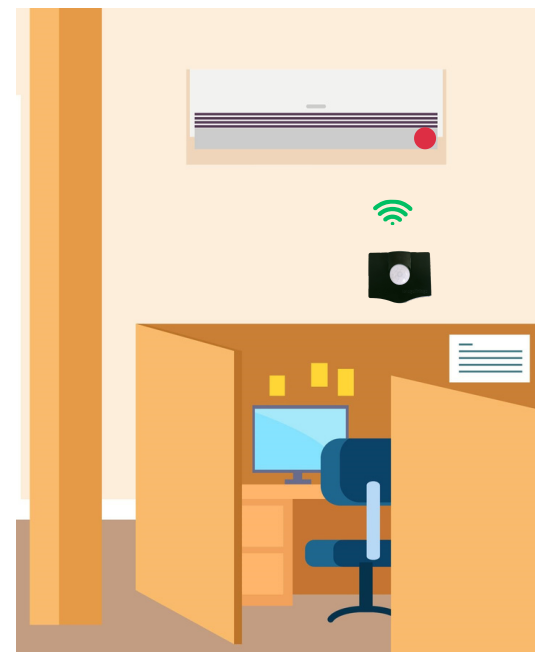
SPAC is simply mounted just below the Air Conditioner or on the ceiling

Occupant tries to set the temperature of Air Conditioner to 18 °C or below set point



SPAC comes into action and resets the temperature to set value of 24 °C

When there is no occupancy in the room, SPAC automatically turns off the Air Conditioner



How it Works?



BridgeThings



Timer (Set in cloud)

ON time : 03:00

OFF time: 05:00

SPAC comes with an Inbuilt timer

Inbuilt timer automatically turns the AC to off condition once the set time is reached.

