

SIR600

Smart IR AC Controller



Part of the SALUS Smart Home Range



About this product...

Transform your traditional air conditioning units into state-of-the-art smart devices with the SIR600 Smart IR AC Controller. Seamlessly integrating with the SALUS Smart Home system, the SIR600 empowers you to control your air conditioners from anywhere using the SALUS Premium Lite App.

This advanced controller supports hundreds of AC brands with infrared remotes, ensuring wide compatibility and effortless installation. With the SIR600, you can adjust your home's temperature remotely, set customized schedules, and synchronize heating and cooling for optimal comfort. Embrace the convenience and efficiency of modern smart home technology with the SIR600 Smart IR AC Controller, making your air conditioning system more intelligent and user-friendly.

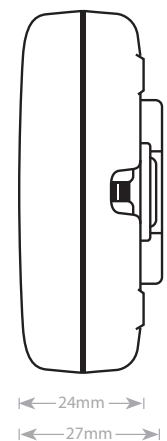
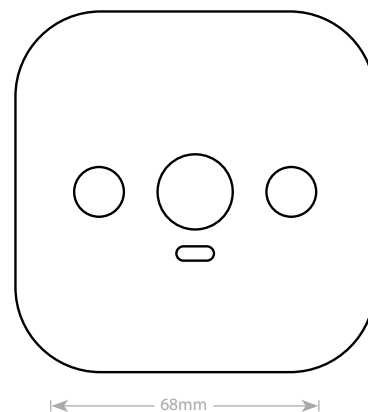
Features

- Simple & Quick Installation
- Control from Your Phone.
- Adjust the temperature anytime, anywhere.
- Works with hundreds of brands of split units with infrared remotes
- Perfect synchronization between the original IR remote and the Salus Smart Home system
- Part of the SALUS Premium Lite Range so integrates seamlessly with other products in the range
- Add schedules and multiple scenarios by automating your devices according to your preferences

Specification

Connectivity	ZigBee (2.4GHz)
Input Power	230V AC 50Hz
Fan Speed	Auto and 1-7
Communication	Via Mobile App
Setpoint Range	16 to 31°C
LED status indicator	Red/Green/Blue Red = IR status Green = WiFi Status Blue = BLE status
Guarantee	5 Years

Dimensions



SIR600 Smart IR AC Controller - Technical Data

Electrical and Mechanical Specifications

Input voltage	230V AC 50Hz
Connectivity	ZigBee (2.4GHz)
Power Mode:	On/Off or Power Toggle
Supports 5 modes:	Auto, Cool, Dry, Fan and He
Setpoint range:	16 to 31°C
Fan Speed:	Auto and 1 - 7
Vertical Swing:	Auto and 1 - 7 or Swing Toggle (Functions depend on AC model) Support Local 3 buttons control, Temp. +/- and Power On/Off or Power Toggle
AC IR status synchronization	Able to report air-con status to gateway or APP once received the IR command from the original AC remote controller. Vertical cone: >=5m +/-45 degree @ LOS indoor and depend on IR protocols
Wi-Fi / Bluetooth	Refer to ESP32-C3-MINI-1-N4 module datasheet Local WiFi control
Communication	Mobile App operation
Firmware update	Over the air firmware update capability
Hard key	3 keys at top (Temp. +/- and On/Off)
Reset to factory default	Press and hold central button for 5 seconds
LED status indicator	Red/Green/Blue Red = IR status Green = WiFi Status Blue = BLE status
Storage temperature	-10°C to 50°C, <90% RH
Operating temperature	-0°C to 40°C, 5-90% RH, non-condensing
Dimensions (H x W x D)	68mm x 68mm x 27mm
IR emitter	5pcs IR Emitter Diodes
Learning search IR frequency	20kHz ~ 60kHz
IR Operating distance	Vertical cone: >=10m +/-45 degree; >=5m +/-60 degree @ LOS indoor and depend on IR protocols
Bluetooth Operating distance	>=10m @ LOS outdoor, in unobstructed environment
Wi-Fi Operating distance	>=50m @ LOS outdoor, in unobstructed environment
Istandby	70 mA typ. @ 5.0V
Iuse IR Tx	150 mA typ. @ 5.0V depend on IR protocol

Control & Monitor from anywhere...

With the SALUS Premium Lite App.
Download it from Google Play or the App Store.



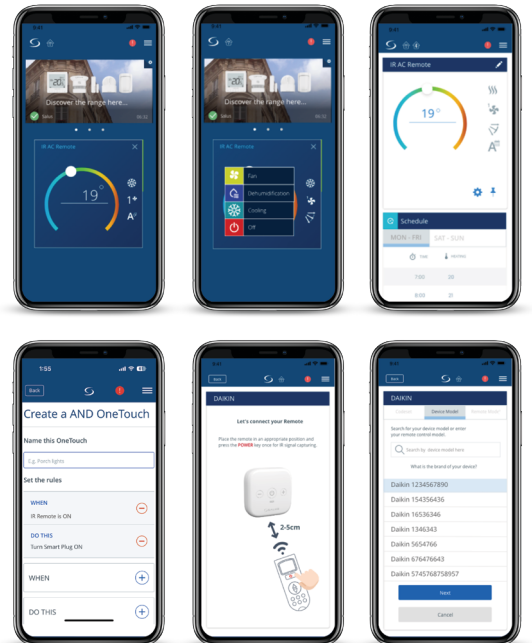
Easy to install and operate ...

The SIR600 Smart IR AC Controller boasts extensive compatibility, supporting hundreds of AC brands with infrared remotes. This wide-ranging compatibility means you can bring smart functionality to almost any split unit air conditioner you already own. Installation is a breeze with the simple steps of capturing the IR code or selecting your unit from the database, plugging in the device near your AC, choosing the ideal location, and connecting it to the SALUS Premium Lite App. Once connected, enjoy a dedicated interface that replicates your remote's functions, customizable programming for specific schedules, and the ability to synchronize heating and cooling for uniform temperatures. Additionally, create multiple scenarios to automate your home climate control according to your preferences, making the SIR600 an essential addition to your smart home ecosystem.



Control via the App...

Easily control and monitor from your phone.



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