SALUS CONTROLS

SIR600

Smart IR AC Controller

SALUS PREMIUM Lite — Part of the SALUS Smart Home Range

Provides Smart-App control of an existing RF AC unit, using your phone.

About this product...

The SALUS SIR600 Smart IR AC Controller is a cutting-edge device designed to elevate home comfort by App control over your air conditioning. Now compatible with the optional SALUS Quantum, allowing the user to operate the air-conditioner from the thermostat. Whether you're cooling down in summer or warming up in winter, the SIR600 delivers a seamless, efficient solution. Combining advanced technology with intuitive features, it ensures a more comfortable and convenient living environment.
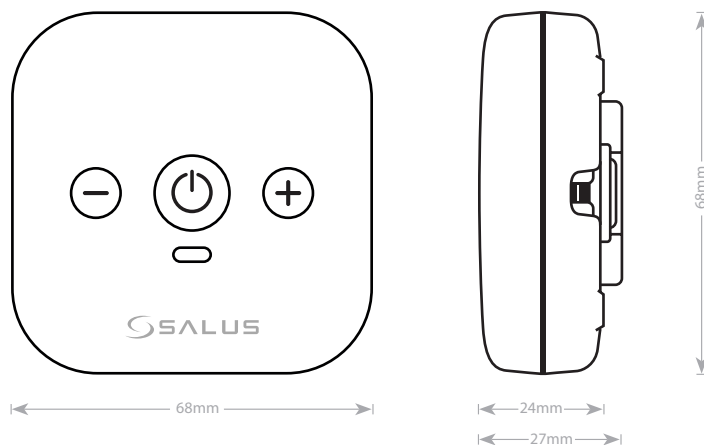
Features

• Integrates with SALUS Smart Home system and mobile App

• Compatible with hundreds of AC brands

• Converts most traditional RF AC units into Smart App controlled ones

• Works with SALUS smart gateway via WiFi

• Compatible with the SALUS Quantum thermostat, allowing the user to operate the air-conditioner from the thermostat

• Add schedules and multiple scenarios by automating your devices according to your preferences

Specification

Connectivity	WiFi
Input voltage	5Vdc 1A by USB-C
Fan Speed	Auto and 1-7
Communication	Via Mobile App
LED status indicator	Red = IR status Green = WiFi Status Blue = BLE status
Guarantee	2 Years

Dimensions

68mm

68mm

24mm

27mm

SIR600 Smart IR AC Controller - Technical Data

Electrical and Mechanical Specifications

Input voltage	5Vdc 1A by USB-C
Connectivity	WiFi
Power Mode	On/Off or Power Toggle
Supports 5 modes	Auto, Cool, Dry, Fan and Heat (Depending on the AC model)
Compatible Thermostats	SALUS SQ610RF Quantum Thermostat
Swing	Supports only vertical swing and up to 7 positions
Fan Speed	Auto and 1 - 7 (Depending on the AC model)
Local Control	Local 3 buttons control, Temp. +/- and Power On/Off or Power Toggle
AC IR synchronization	Able to report air-con status to gateway or APP once received the IR command from the original AC remote controller.
AC IR range	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

Local Wi-Fi Control	
Bluetooth Range	≥ 10 m (outdoors, unobstructed view)
Wi-Fi Range	≥ 50 m (outdoors, unobstructed view)

Communication & Updates	
Communication	Mobile App operation
Firmware update	Over the air firmware update capability

User Interface	
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 = 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

Physical Specifications	
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°
IR Alternative	≥ 5 m ±60° @ LOS indoor and depend on IR protocols

Power Consumption	
Istandby	70 mA typ. @ 5.0V
Iuse IR Tx	150 mA typ. @ 5.0V depend on IR protocol

Control & monitor your existing AC unit from anywhere

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

SALUS PREMIUM Lite

GET IT ON Google Play

Download on the App Store

Optional SQ610RF Quantum Thermostat for visual temperature control.

SIR600 transmits signal by Infrared to the AC device.

UG800 Gateway receives command from mobile App and send signal to SIR600

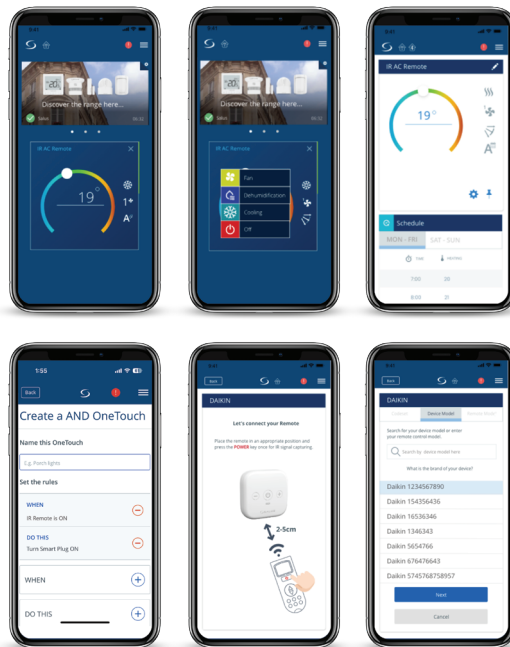## Easy to install and operate ...

The SIR600 Smart IR AC Controller is now fully compatible with the SALUS Quantum Thermostat, giving you even greater control over your indoor climate. Manage your air conditioning directly from the Quantum Thermostat, through the SALUS Premium Lite App, or via the SIR600 itself, renowned for its broad compatibility with hundreds of AC brands that use infrared remotes.

This extensive compatibility means you can easily add smart features to nearly any split unit AC system you already own. Installation is quick and straightforward: capture your AC's IR code or select it from the built-in database, plug in the SIR600 near your unit, choose the optimal placement, and connect it to the SALUS app.

Once connected, you'll enjoy a user-friendly interface that mirrors your original remote, programmable schedules tailored to your routine, and the ability to sync heating and cooling for consistent room temperatures. Plus, create personalized automation scenarios for seamless climate control throughout your home—making the SIR600 a smart, powerful upgrade to your connected living space.

SIR600
Wall Mount

Now compatible with the SALUS Quantum Thermostat

Control via the App...

Easily control and monitor from your phone.

UKCA CE

Scan QR Code to View Product on Website