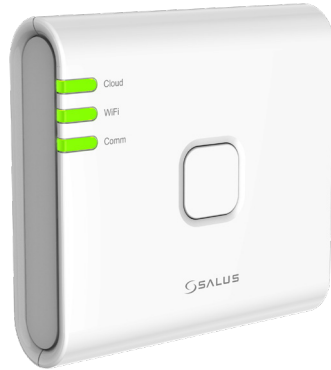# SALUS CONTROLS®

WIFI ADAPTER MODULE FOR INVERTER
Model: IW10

Quick Guide 🇬🇧

Multilanguage manual

HEAD OFFICE

SALUS Controls, Units 8-10, Northfield Business Park, Forge Way, Parkgate Rotherham, S60 1SD

SALUS Controls GmbH, Dieselstrasse 34, 63165 Mühlheim am Main, Germany

UK: tech@salus-tech.com
DE / NL: info@salus-controls.de
FR: technicalsupport@saluscontrols.fr
RO: tehnic@saluscontrols.ro
DK: Support@salus-controls.dk

INPUT: AC 100 - 240V, 50 - 60Hz, 0.3A
OUTPUT: 5.0V ⎓ 1.0A, 5.0W

www.saluscontrols.com

Computime

UK CA CE

V03
11/2024

Introduction

The IW10 WiFi Adapter Module is an advanced connectivity solution designed specifically for inverters, enabling seamless remote monitoring and control of your system via a wireless network. This compact and easy-to-install module allows users to connect their inverter to a local WiFi network, providing real-time access to performance data, status updates, and system diagnostics through a user-friendly mobile app or web interface. Whether you're at home or on the go, the IW10 ensures that you have complete oversight of your inverter's operation, helping to optimize performance, increase energy efficiency, and quickly address any issues that may arise.

This guide will take you through the setup process, key features, and essential usage tips, ensuring a smooth and hassle-free experience with your IW10 WiFi Adapter Module.

Product Compliance

This product complies with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU, 2014/53/EU and 2015/863/EU. The full text of the EU Declaration of Conformity is available at the following internet address: www.saluslegal.com. ((•)) 2405-2480MHz; <20dBm (Wifi).

⚠️ Safety Information

It is important to use the IW10 WiFi Adapter Module in accordance with all applicable regulations to ensure both safety and performance. This device is intended for indoor use only and should not be installed in outdoor or exposed environments where it may encounter moisture, extreme temperatures, or other external elements. Always keep the device completely dry, exposure to liquids could cause damage or malfunction. When cleaning the device, always disconnect it from power and use only a dry cloth to avoid introducing moisture.

Additionally, the IW10 module is designed to be installed at heights of 2 meters or lower to ensure easy access and safe operation. The maximum allowable operating temperature for the device is 45℃, so be sure to avoid placing it in areas that may exceed this limit to prevent overheating or damage. By following these guidelines, you will ensure the long-term functionality and reliability of the IW10 WiFi Adapter Module.

Product description
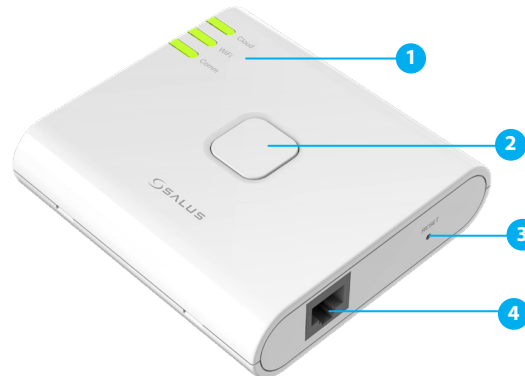
1. Cloud , WiFi, Comm LEDs
2. SETUP button
3. RESET button
4. RJ45 Ethernet port

LED Signal & Status

LED Signal	Status
Cloud (green solid)	- Dongle is connected to the cloud
WiFi (green solid)	- Dongle is connected to the WiFi router
Comm (green solid)	- Communication between the dongle and the inverter is correct
WiFi (orange flashing)	- Dongle is in WiFi Setup mode
Cloud, WiFi, Comm (orange solid)	- Dongle is in Factory Reset mode
Cloud (red flashing), WiFi (green solid)	- Firewall or Network Restrictions: Ensure no firewall is blocking the dongle's connection to the cloud. - Disable any firewall to stop connection to remote port 443 and 8443 - Check your Internet connection to any Website, e.g. www.bing.com - Check your broadband provider if the Internet is not working
Cloud (red flashing)	- Dongle is not connected to the cloud
WiFi (red flashing)	- WiFi Setup is not correct. - Possible reason: WiFi password is not correct
Comm (red flashing)	- Check the RJ45 plug, make sure the plug is fully inserted on the RJ45 socket. - Check the status of the Inverter, make sure the battery and main power supply is connected. - Contact the distributor of the Inverter for technical support.

*Legend* ⚡ Flashing Light   ▭ Solid Light
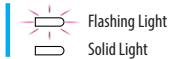
Installation:

ℹ️ Installation: The mounting height is less than 2m The maximum operating temperature is 45℃.

To perform the installation, a cable with an RJ45 Ethernet connector on one end and a round aviation plug on the other will be used. This cable has the purpose to set the connection of the IW10 Dongle to the Single or Triple phase inverter.
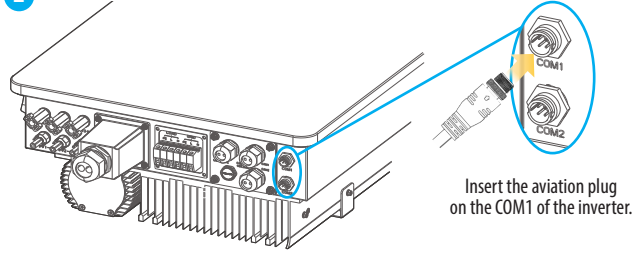
Cable with RJ45 and Round aviation plug

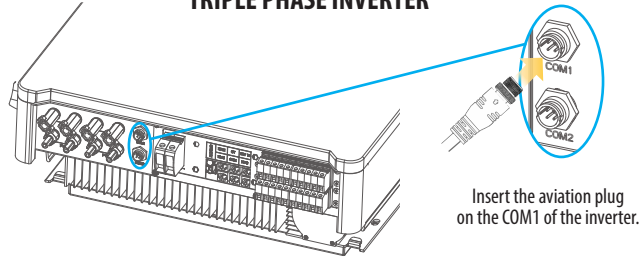⚠️ Note: Max. output of power supply source for WIFI Adapter module is less 15W
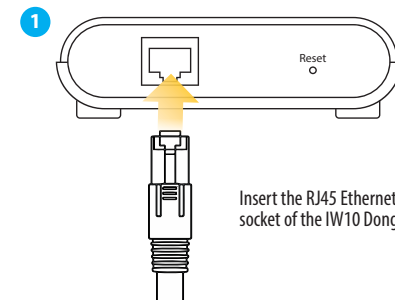
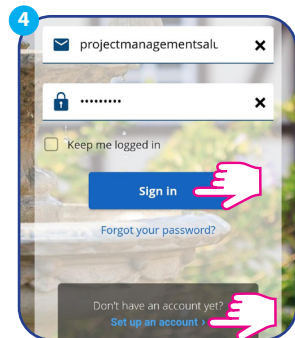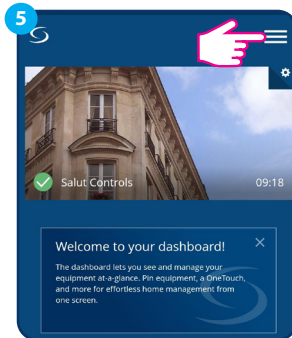Insert the RJ45 Ethernet plug to the socket of the IW10 Dongle.

SINGLE PHASE INVERTER

2

Insert the aviation plug on the COM1 of the inverter.

TRIPLE PHASE INVERTER

Insert the aviation plug on the COM1 of the inverter.

3 Make sure that you have downloaded the SALUS Premium Lite App from the Google Play or App Store.

GET IT ON Google Play
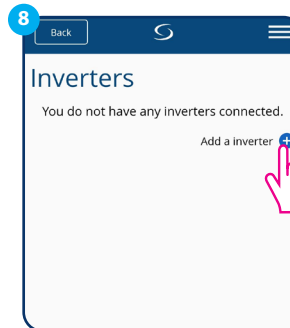
Download on the App Store

SALUS PREMIUM Lite

4

projectmanagementsalu.

••••••••

☐ Keep me logged in

Sign in

Forgot your password?

Don't have an account yet? Set up an account ›

Sign In or create an account.

5

Salut Controls 09:18

Welcome to your dashboard!

The dashboard lets you see and manage your equipment at-a-glance. Pin equipment, a OneTouch, and more for effortless home management from one screen.

Select the top-right **Menu** option.

6

Home

Equipment ›

Users and Permissions

Settings ›

My Status

Location ›

Select **Equipment**.

7

Home

Equipment ✓

All equipment

OneTouch

Gateways

Inverters

Select **Inverters**.

8

Back

Inverters

You do not have any inverters connected.
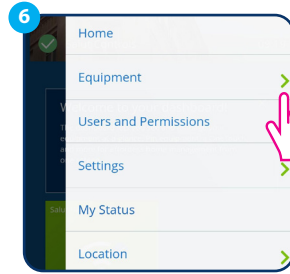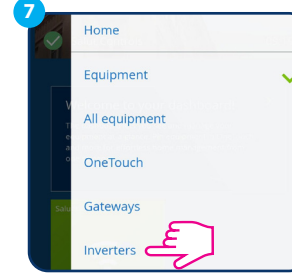
Add a inverter ⊕

Select the **Add an inverter** option.

9

Choose Connection Mode

Please select the connection mode:

Wi-Fi

Connect via WiFi

Supported Inverters

Hybrid Inverter
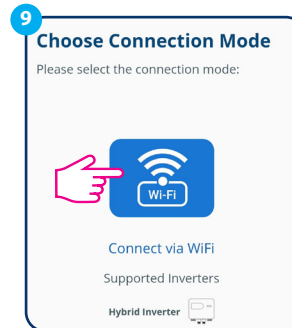
Select in **Connect via WiFi.**

10

Cloud
WiFi
Comm
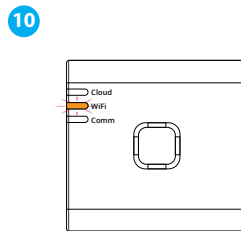
Make sure the WiFi adapter is powered on and searching for WiFi connection (WiFi Setup mode).

11

Welcome to SALUS!

As a first-time user, please complete a few simple steps to manage your account and equipment.
Let's get started setting up your new system.

Activate your device

Power ON the device

● Press the main button on the Wifi adapter to activate the pairing mode

Setup with Bluetooth
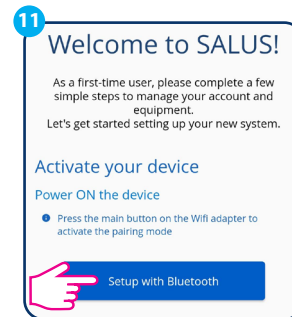
Select **Setup with Bluetooth.**

12

Connect to Device

To provision your new device, please make sure that your Phone's Bluetooth is turned on and within range of your new device.
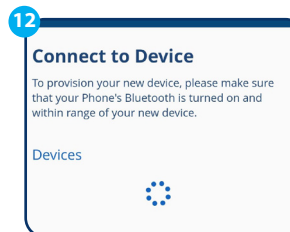
Devices

App is searching for devices.

13

Connect to Device

To provision your new device, please make sure that your Phone's Bluetooth is turned on and within range of your new device.

Devices

Hybrid inverter
IW10_001E5E000001

Select the Inverter.

14

Select WIFI Network

Select the desired network from the drop-down list.
Enter the WIFI password.

Select the Wi-Fi Network ↻

Test-Link_Wifi 🔒 📶

TP-Link_Guest 🔒 📶

TP-Link_2.4GHz 🔒 📶

Join Other Network

Select the WiFi network.

15

Select the desired network from the drop-down list.
Enter the WIFI password.

Test-Link_Wifi

Password

Cancel | Provision

Test
TP-L
TP-L

Join Other Network

Provide the password.

16

Provisioning

✓ Sending Wi-Fi credentials

✓ Applying Wi-Fi connection

Wait for the connection to be established.

17

Back

Gateways

Hybrid inverter
IW10_001E5E000001   Online

Add a gateway ⊕
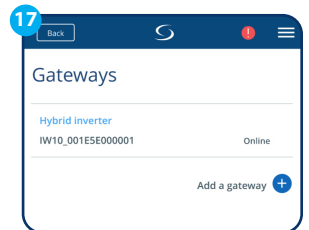
The inverter has been associated.

18

Cloud
WiFi
Comm
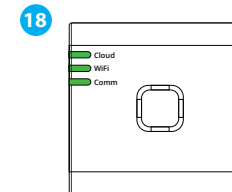
After successful setup, the 3 LED's will be all green.

SETUP Button & Functionalities

Cloud
WiFi
Comm
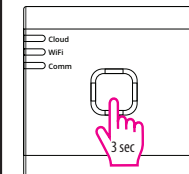
3 sec

Press and hold for 3 seconds and release to enter WiFi setup mode

Cloud
WiFi
Comm
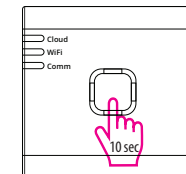
10 sec

Press and hold for 10 seconds, three LEDs turn to orange, and release to conduct a factory reset

Cloud
WiFi
Comm
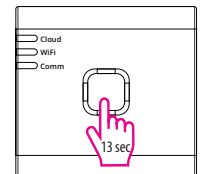
13 sec

Press and hold for more than 13 seconds, return to normal mode, without any action.

RESET button

Press and release to reset the dongle

ℹ You need a needle to conduct the action press and release

Reset