

QUICK START CONFIGURATION REMOTE MODE

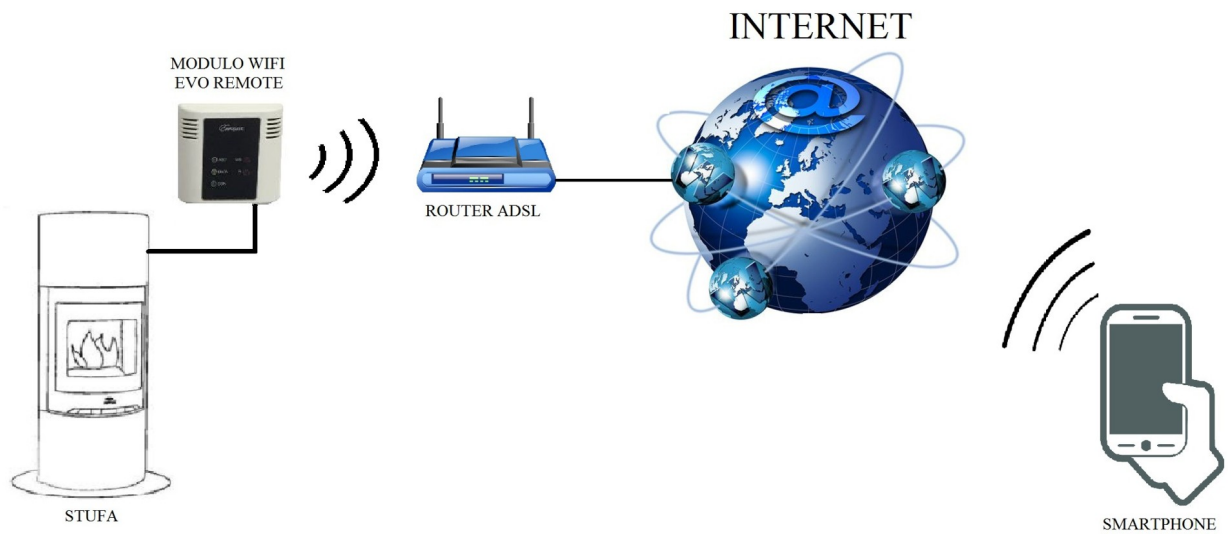


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2 Principle of operation



In remote mode, the Prometeo WiFi Module GW is wired to the stove and connected to a router through a wireless connection. The router connects the WiFi Module to the internet.

A smartphone, connected to the internet via data connection or WiFi, can communicate with the WiFi Module and manage the stove wherever you are.

3 Material and necessary information

To configure the WiFi Module in remote mode, you'll need:

- A WiFi Module Prometeo GW with its device code written on the back of the module.
- A device with WiFi connection (Smartphone, PC, tablet)

Access to the following information is also required:

- Name of the WiFi network to connect the module to
- Password of the WiFi network to connect the module to

This information is usually found in the manual or box of the router itself, or are provided by the staff who installed the router.

4 Warnings

The Prometeo GW WiFi Module **DOES NOT** support networks with spaces in their name **AND/OR** spaces in their password. If spaces are present, the module will not be usable in remote mode. If necessary, modify the name or password of the network accordingly.

The Prometeo GW WiFi Module only supports the networks with the following securities:

- WPA-PSK
- WPA2-PSK

5 Terms of use

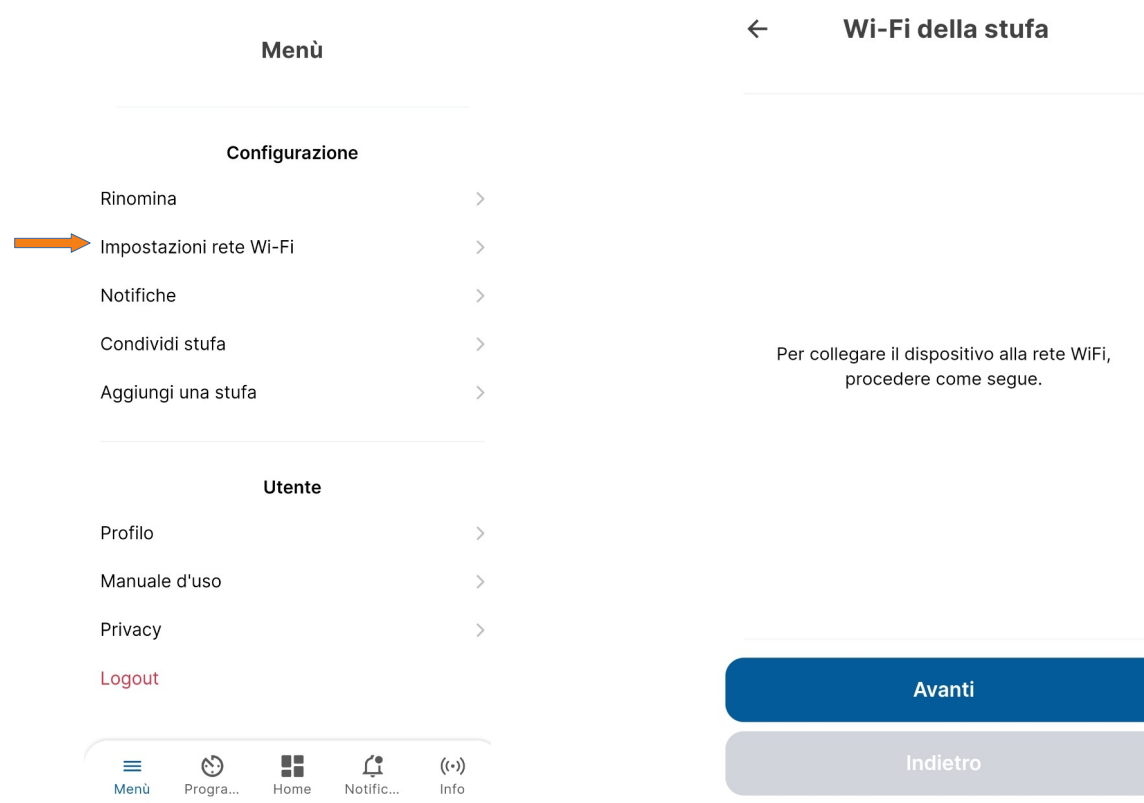
By installing and using the wifi module Prometeo GW and the PROMETEO Application you accept the conditions of use and the limitations of responsibility that you find at the link:

<https://duepigroup.com/condizioni-utilizzo-dpremote/>

6 Configuration WiFi Module with PROMETEO App

ATTENTION! The following operations must be carried out nearby the module (no more than 3-4 metres away). Make sure you have access to the module.

First, download the Prometeo application (or an equivalent customization) from Google Play (Android) or App Store (Ios) and accept the terms of use if requested. After that, the following screen will appear. Select “WiFi settings” and follow the instructions in the next page. It is important to connect to the Wi-Fi network generated via the Wi-Fi network setting of your smartphone and stay connected even if it warns you that the network you are connected to does not have an Internet connection. This network is for Wi-Fi module configuration only.



7 Configuration of the Prometeo GW Wi-Fi module

ATTENTION! The following operations must be carried out nearby the module (no more than 3-4 metres away). Make sure you have access to the module.

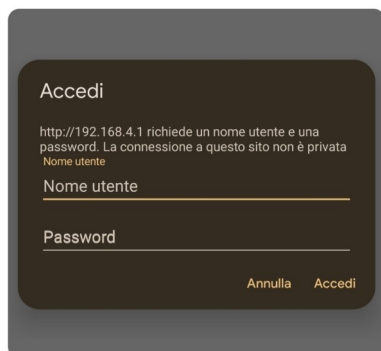
1. Connect the WiFi module to the stove. Press at the same time both the buttons **R** and **WS**. Keep pressed **WS** and release **R**. Wait until the LED red and green blink quickly (more or less 6 times per second). After this, you can release **WS**.
2. From now on you will have 10 minutes to set up the WiFi module, after which the module will reboot itself.
3. With the device equipped with connectivity, connect to the network generated by the module (the network name begins with 'PROMETEO_GW_'). This network **has no password**. This operation can be done by entering in “settings” → “WiFi” → “Scan Network” → “Connection”. Confirm and accept when you are asked to connect to a network without internet.



4. You will be redirected to the Wi-Fi configuration page of the module and you will need to enter some credentials:

user name: **user**

Password: **user**



- Once you have entered your credentials, choose the Wi-Fi network to which you want to connect from the list. Enter your Wi-Fi network credentials and save the configuration.

← **Wi-Fi della stufa**

Available Access Point

Scan Networks

SSID	RSSI	Security
<input type="radio"/> kura_gateway	-71 dBm	WPA2
<input type="radio"/> T-4Test	-53 dBm	WPA2
<input type="radio"/> T-Guest	-54 dBm	WPA2
<input checked="" type="radio"/> Tempestive Int	-55 dBm	WPA2
<input type="radio"/> Tempestive-Col	-53 dBm	
<input type="radio"/>	-60 dBm	WPA2
<input type="radio"/>	-90 dBm	WPA2

Your configuration

SSID:

Password:

Security:

- If in “Available access Point” does not appear your network, press “scan networks”.
- If the page does not open correctly, press the **Scan Networks** button again or clear the cache of the device you are using for configuration by following the instructions of the browser you are using. Possible display anomalies depend on the device and browser used.



RSSI value indicates the signal level of the WiFi network received from the module. In case the value is lower than -65dBm (for example -75dBm), the communication between the module and **PROMETEO** is not optimal. It is therefore necessary to bring the WiFi module closer to the router, or add a WiFi repeater.

Select the desired network by pressing the button next to the network name (SSID). If it does not appear even after pressing the Scan Networks button, you can manually enter the name in the **SSID** field;

- Enter the network password in the Password field (leave the field blank if it is an open network without a password);

ATTENTION! Always check that you have not entered any spaces before and after the password.

- Press **Save & Exit**

192.168.4.1 dice:

Press OK to confirm!

Cancel to return to the page!

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OK

10. Confirm the save by pressing the **OK** button.
11. At this point, it's possible to close the web page and the module will connect to the selected WiFi. If the module does not restart, press **R** for a few seconds.

After restarting, in a few minute the module will be connected to your favourite WiFi network. You can verify this by looking at the green led, that should be on. In case this doesn't happen, redo the configuration checking carefully the data or go to **Par. 14** for troubleshooting. The table below details the functionality of the WiFi module according to the status of the LEDs.

12. If all operations have been done correctly, the green LED should start blinking slowly and once it stops the blinking and stays on, the module will be connected to the Wi-Fi network.

8 Led status

Green LED	Yellow LED	Red LED	Situation	What to do
OFF	OFF	OFF	The module isn't powered	Check the connection between module and stove
On Solid	OFF	OFF	The module is connected to internet and is waiting for a communication from the DPRemote app	No operations, the module is working correctly
On Solid	Fast Blink	OFF	The module is connected to the DPRemote app and is communicating correctly	No operations, the module is working correctly
Slow Blink (once every 1 seconds)	OFF	OFF	The module is connected to the router but doesn't have an internet connection yet	If in few minutes the green LED doesn't stay on solid, try to reset the module and the router. Some settings could deny the module connection
Fast Blink (twice a second)	OFF	OFF	The module is waiting a router connection	If in few minutes the green LED doesn't stay on solid, try to reset the module and the router. If the problem persists, check the router settings


9 Configure with QR code

To connect your smartphone to the newly configured WiFi module, follow this procedure if there is a QR code with the code.

From the PROMETEO app configuration menu, select "ADD A STOVE".

Press the QR Code symbol on the right, authorize the use of the camera and, always through the app, frame the PROMETEO QR code present in the packaging of the Wi-Fi module and the fields of the application will be filled out automatically. Otherwise follow Par. 10 to enter the data manually.

← Nuova stufa

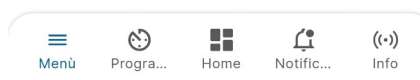
Seriale 

Nome della stufa

+ AGGIUNGI



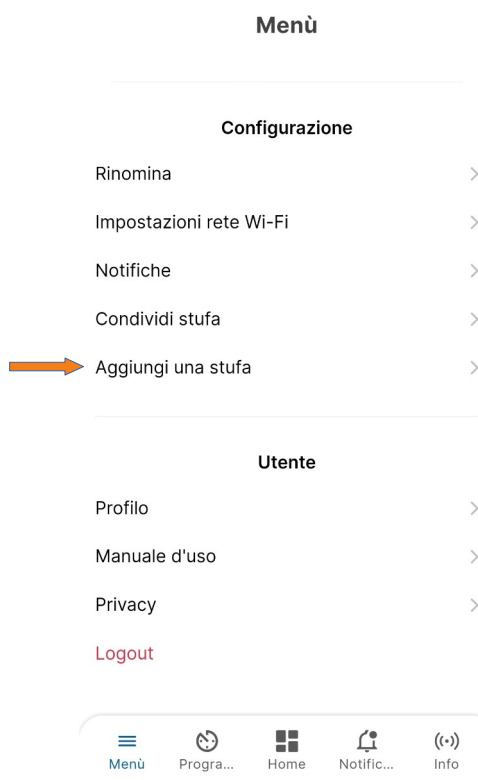
Warning: This is an example of code that you find with the Wi-Fi module.



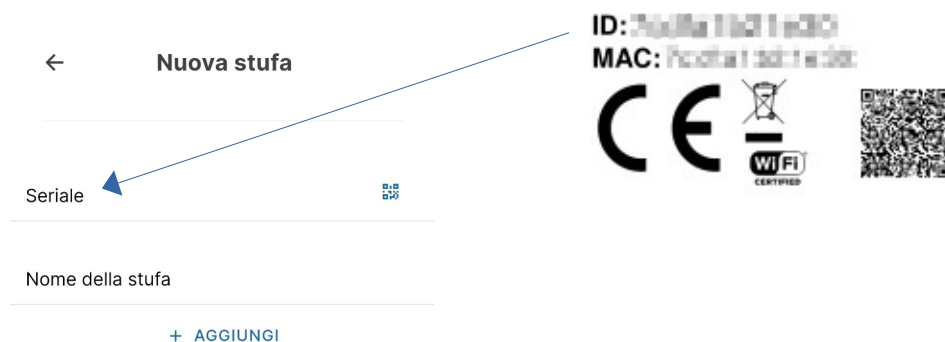
10 Configure without QR code

To connect your smartphone to the newly configured WiFi module, follow this procedure:

1. make sure you are connected to the internet by WiFi or data connection.
2. Download the PROMETEO app from Google Play or the App Store, depending on your device.
3. Start the Prometeo App by pressing the icon.
4. At the start, press "MENU" in the bottom left and then press "Add a stove".

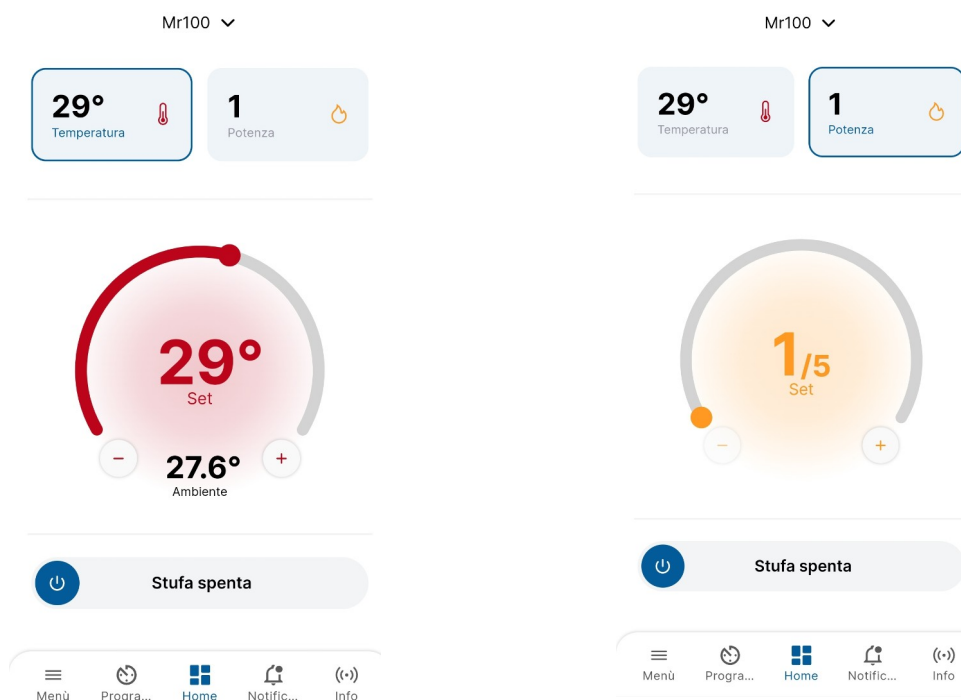


1. Type the serial number, which is the ID code in the package of the Wi-Fi module.



2. Assign a name to the stove in the "stove name" field.
3. Press the "Add" button to save the entered settings.

4. At this point, the app will attempt to connect to the WiFi module. If the fields are filled out correctly, you will be able to control the stove through the following screens:

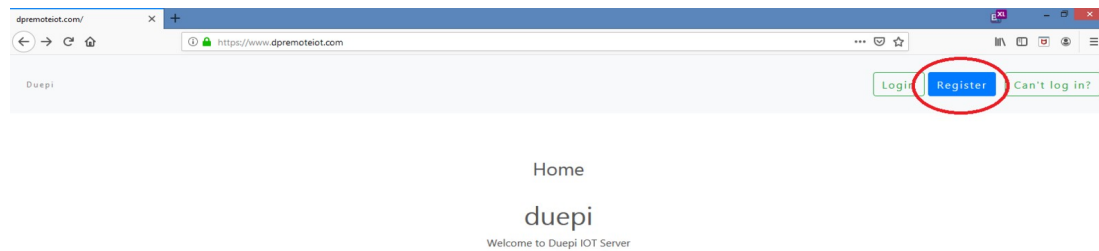


5. The application is now connected to the WiFi module of the stove. If this doesn't happen, redo the configuration of the App checking carefully the data you typed, or check Par. 14 for troubleshooting.

11 Connecting Alexa App

IoT server registration

To connect to the Alexa app, first you have to register yourself in the server <https://www.dpremiot.com>. Click on “Register” to start.



First of all, it's necessary to fill the blank spaces with your name, your email and your password, as shown in the picture down below. Confirm the password and agree the terms and conditions.

Then click on “Signup” to continue.

Register

Your name	Type your name
Your email	Type your email
Your password	Insert your password
Confirm your password	Confirm the password

☐ I agree to the terms and conditions

Signup

After, click on “Create Device” to create a new device.

Dashboard

Add Smart Home Device

Click on Add button to create a smart home device

Create Device

Your Smart Home Device(s)

You do not have any Smart Home Device(s) created yet. Click on the create button to create a Smart Home Device.

To create a new device, insert in the blank spaces the name of the device, a brief description of the device itself and the unique code, a code written on the back of the wifi module.

Then click on “Enable email when device status change” and save.

Create Device

Friendly Name (Alexa invocation name)

Insert the name of the device

Description

brief description of the device

univocal ID

Insert the univocal ID address

Thermostat

▼

☒ Enable email when device status change

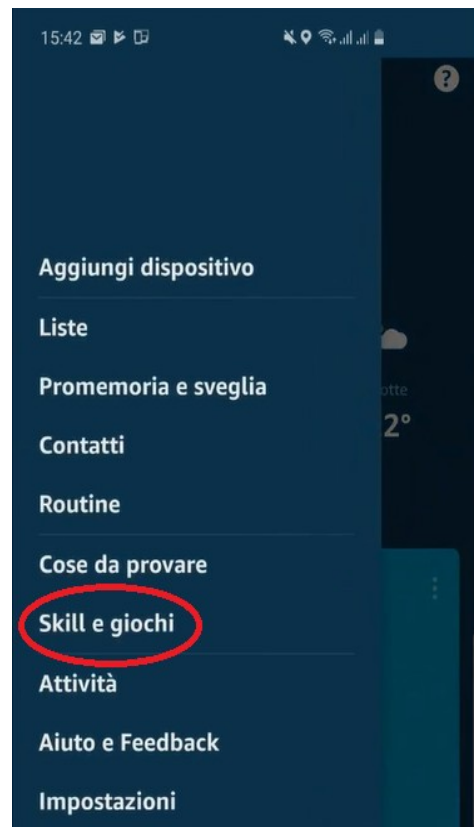
Save

Once saved, you will be able to see your device in the Dashboard, where you can add up to three devices.

When the process is done, restart the wifi module and after two minutes the status will change from offline to online.

Configure the Alexa App.

Open the Alexa application and select from the menu “skill and games”. Type in the search bar the name of the skill, in this case “Dpremove”



Scopri dispositivi

È necessario rilevare i dispositivi per la Casa Intelligente prima di poterli usare con Alexa.

Select the Dpremove skill and then press “Enable use” to start.

After that, insert your email and password in the dedicated spaces. Then press “sign in” to continue.

The skill now has been connected. Close the screen to see the devices to control.

To see the devices, enter in the skill's page and click on “settings”. Then press on “discover devices”. Alexa will search the devices and the entire operation may last more than 20 seconds.

Discover the devices

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SCOPRI
DISPOSITIVI

The operation will be finished when this screen will appear: Alexa has found a thermostat. Now it's necessary to configure the devices.



To configure the devices, click on “All devices”. Then select the device, set it ON/OFF and choose the temperature.

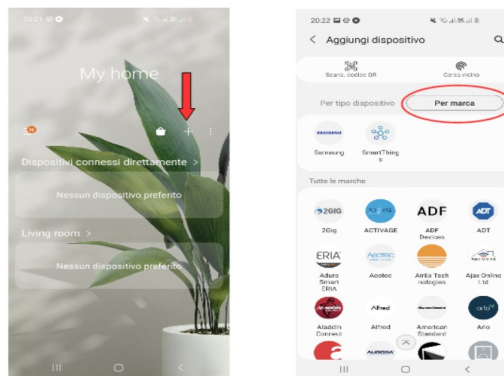


12 Samsung SmartThings App Connection

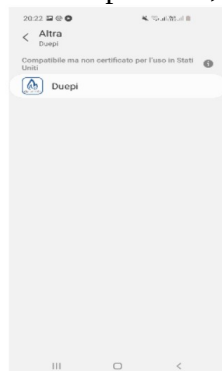
- Register on our IOT web page <https://www.dpremiteiot.com> as Par. 10
- Download SmartThings App be in Google Play for Android or in the IOS App Store according to the mobile device you have.



- Una volta installato avviare l'applicazione
- Add the device by pressing the + button and selecting the device search by Brand on the DUEPI search bar.



- Once the Duepi device appears, select it and follow the instructions of the App to continue. At the end of the operation, the added DUEPI device will be available.



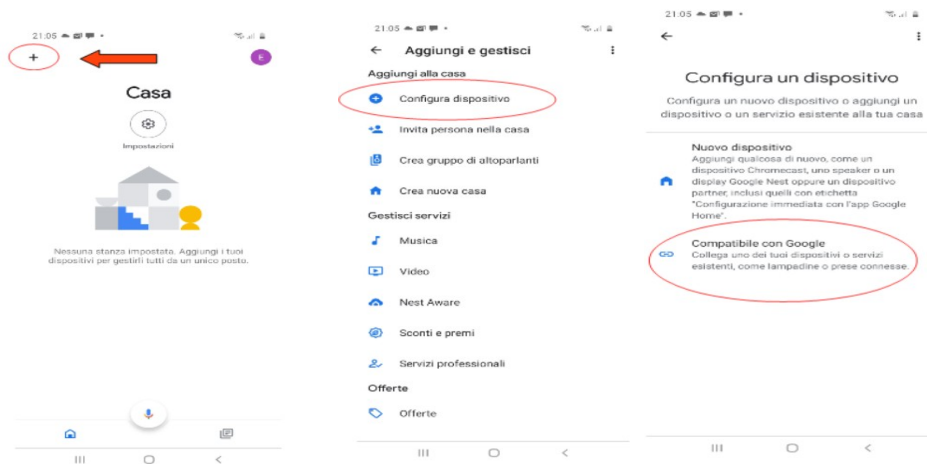
- Refer to the SmartThings App for the features available for the devices.

13 Google Home App Connection

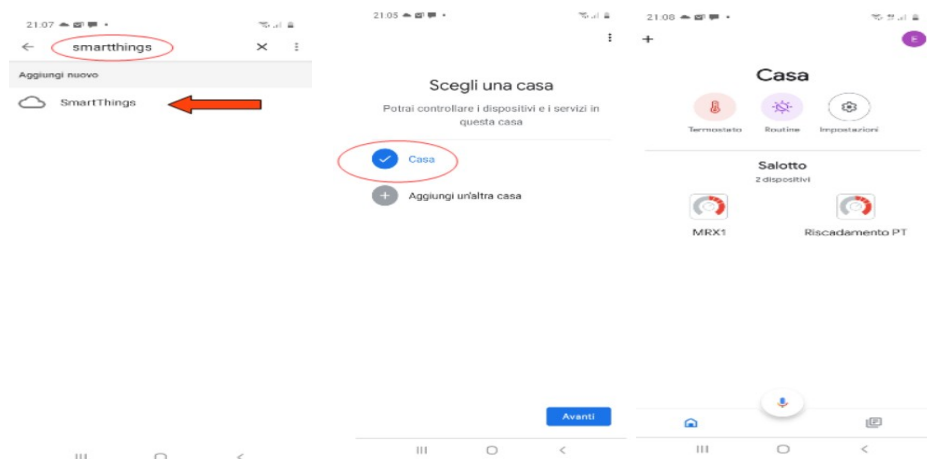
- Download the Google Home App present in Google Play for Android or in the IOS App Store according to the mobile device you have.



- Once the APP is open, add the device by selecting a model compatible with Google Home.



- Search for SmartThings by selecting it and adding it to your home



- At the end of the operation the wifi module will be connected to the Home App.
- Refer to user guide of the Google Home App, it will be possible to implement functions connected to other devices and voice commands.

14 Frequently Asked Questions

Q: The module doesn't power up itself.

A: Control if the module is correctly connected to the stove.

Q: After following the network setup sequence in section 6 (R and WS buttons), I can't find the WiFi network generated by the module.

A: Try turning the WiFi on the device you're using off and on again.

Q: I can connect to the module, but while I'm writing my WiFi network informations, I was disconnected.

A: The module wait for 10 minutes, after that reset itself. Reset the module by pressing the “**R**” button for few seconds, and try again the operation.

Q: I can connect to the module, but when I try to open its internet page, it disconnect itself.

A: Reset the module by pressing the “**R**” button for few seconds, and try again the operation.

Q: I can connect to the module, but I can't open the internet page to configure it.

A: Try to delete the cache of the internet program you are using and recharge the page. The way of how to do that change from program to program, control the web site for the modality. Generally you have to delete the “**temp**” data.

Q: The configuration page of the module is shown, but if I press the **Scan Network** or **Save & Exit** button an error appear.

A: Try to delete the cache of the internet program you are using and recharge the page. The way of how to do that change from program to program, control the web site for the modality. Generally you have to delete the “**temp**” data.

Q: After pressing **Scan Network** button, my WiFi network isn't in the list.

A: Try to approach the module to the router. Otherwise you can configure manually your WiFi network inserting the network name (SSID), security and password in the correct fields.

Q: When I press the **Save & Exit** button, the page shows an error on the network name SSID.

A: The module doesn't support network name and/or password with spaces. In this case you have to access to the configuration of your router and change the name/password of the network.

Q: I configured the WiFi module, but it doesn't connect to the network and the green and red LEDs are flashing.

A:

- Check that the information you entered is correct.
- Try moving the module closer to your WiFi router. Check the RSSI level of your WiFi network.
- Disconnect the WiFi module from the board, wait a few seconds, and then reconnect it.
- Consult the table in Section 8, which indicates the module status based on the LEDs.

A: Check that the WiFi module's green LED is solid and that the red and yellow LEDs are off. Make sure your smartphone is connected to the internet via data connection or WiFi. Make sure you entered the "**Device Code**" correctly.

Q: I can't find an answer in these FAQ.

A: Try to disconnect the module from the stove, wait some seconds, reconnect it to the stove and repeat the configuration of the module and/or the application.

15 Technical features

Frequency band WiFi 2.412 GHz to 2.484 GHz

Wi-Fi standard IEEE 802.11b/g/n (channels 1 to 14)

Protocolli Comunicazione supportati:

802.11b: 1, 2, 5.5, or 11 (Mbit/s)

802.11g: 6, 9, 12, 18, 24, 36, 48, or 54 (Mbit/s)

802.11n: HT20 MCS0 to MCS7

Antenna type PCB antenna guadagni tipico 1.5 dBi

Temperatura di Utilizzo: 0°C - 45°C

Umidità: 10% - 85%

Alimentazione: DC 5V/220 mA

Potenza Massima: 16 dBm Max

Sistemi Operativi supportati: iOS 8.0 or superiore, Android 4.0 o superiore.

16 Declaration of Conformity

Il prodotto è conforme alle direttive europee vigenti



EMC 2014/30/UE [CEI EN 61000-6-1:2007-01 CEI EN 61000-6-3:2007-01]

LVD 2014/35/UE [CEI EN 60335-1:2013-05]

RAEE 2012/19/UE

ROHS 2011/65/UE

Wi-Fi:

CE TCF-672CC17 ETSI EN300 328 V2.1.1

EMC Draft ETSI EN 301 489-1 V2.2.0

Draft ETSI EN 301 489-17 V3.2.0

(Radio Equipment Directive) RED 2014/53/UE

FCC 2AC7Z-ESPWROOM02 Rule Part: 15C

Wi-Fi WFA63622 Wi-Fi CERTIFIED™ b, g

WPA™ – Enterprise, Personal

WPA2™ – Enterprise, Personal

Wi-Fi Protected Setup™

17 Information on product disposal

Il simbolo significa che questo prodotto al termine della sua vita deve essere smaltito separatamente dai normali rifiuti domestici. Tieni presente che è tua responsabilità smaltire le apparecchiature elettroniche presso i centri di riciclaggio per contribuire a preservare le risorse naturali.

