WiFi configuration tutorial

https://bbq.smartpid.com
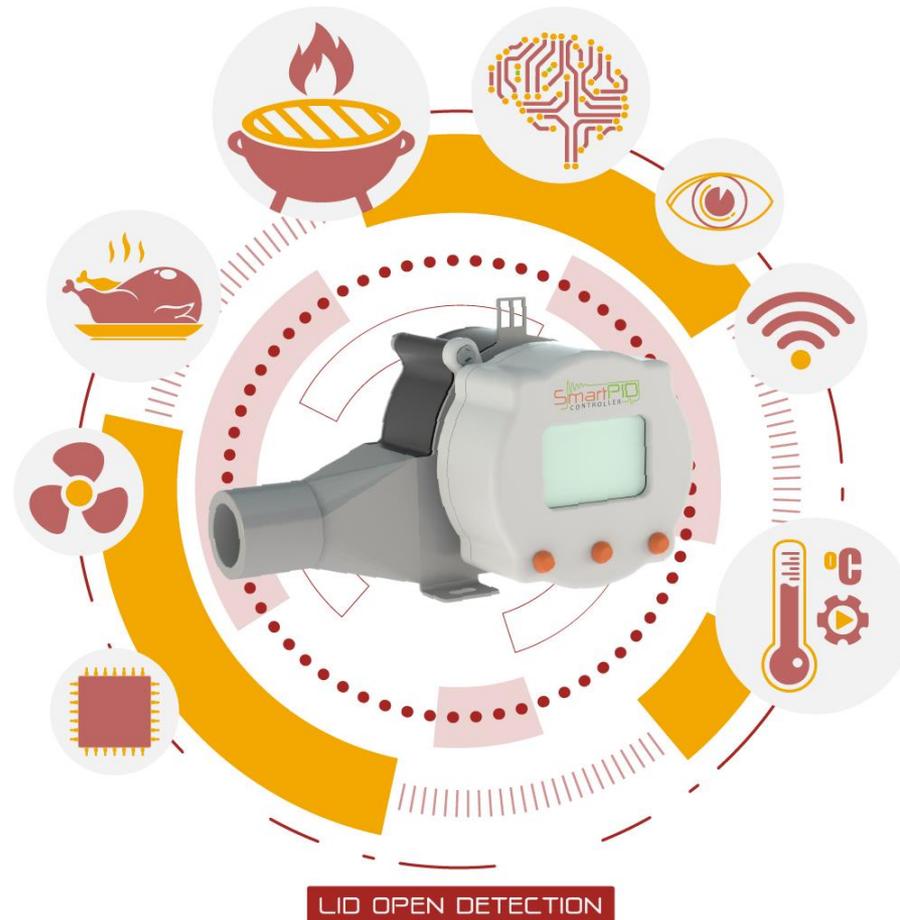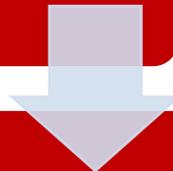
WiFi configuration and SmartPID BBQ cloud server connection

3 mains operations are needed to connect your smartPID BBQ controller to local WiFi network and to cloud server. This operations are needed to access controller remote features via web app (desktop or mobile)

Account configuration on SmartPID private cloud server (via web app)

Home WiFI configuration and connection
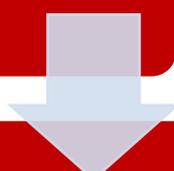
SmartPID pairing to account via serial number

Credentials needed for configuration process

In order to perform complete initial configurations you need to following credentials

Home WiFi

- SSID (WiFI network name)
- Password

SmartPID Account

- Login
- Password

SmartPID BBQ Serial number

- 14 digits string [check INFO menu]

SmartPID BBQ account creation

step 1.1

1. Open Browser (*) with following link to start web

https://mybbq.smartpid.com/

1. Start registration process by clicking on:
   NOT A MEMBER? SIGN UP NOW

(*) supported browsers: Chrome, Safari, Firefox

step 1.2

Email

Password

Confirm password

REGISTER   RETURN TO LOGIN

1. Insert valid e-mail address (needed in case of PWD lost)
2. Insert a new password
3. Repeat password for confirmation

step **1.3**

Email
smartpid@arzaman.com
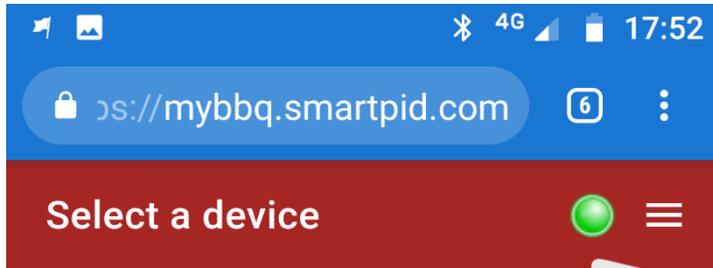
LOGIN

NOT A MEMBER? SIGN UP NOW

FORGOT PASSWORD?

1. Enter your personal area using user/password created in previous step
2. Click **LOGIN** button

step 1.4

1. Check for GREEN LIGHT in top right corner, this guarantee correct server connection
2. Keep track of the user/password for the step #2
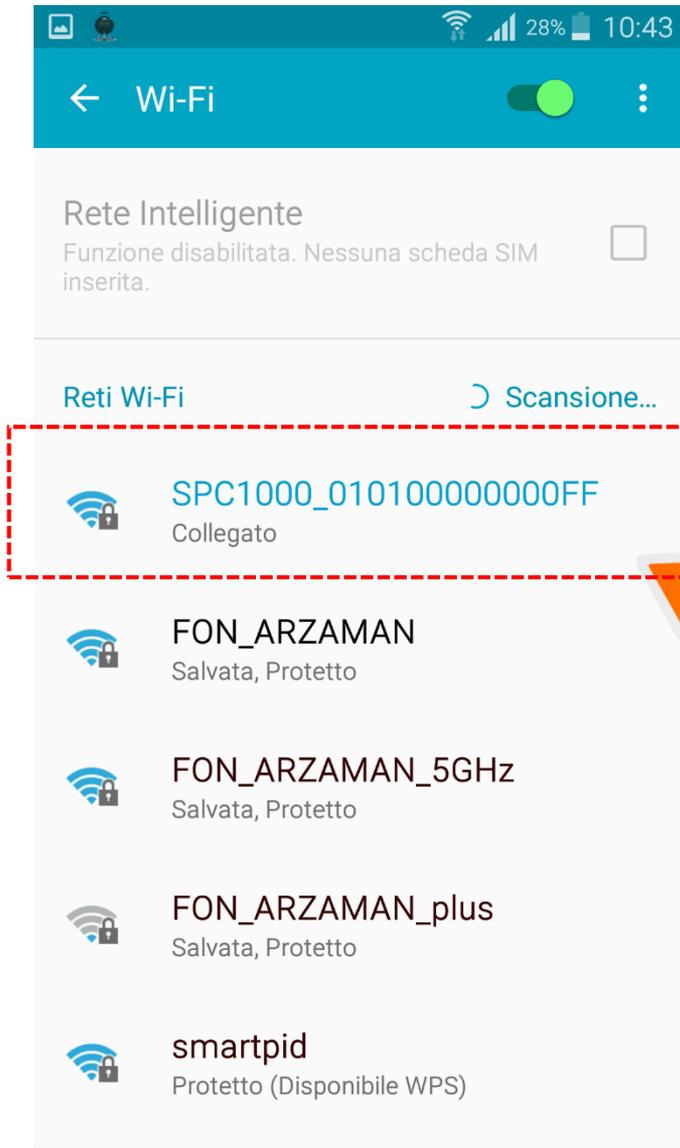
SmartPID BBQ WiFi configuration

step **2.1**

1. Enter Wi-Fi configuration menu of smartPID BBQ controller
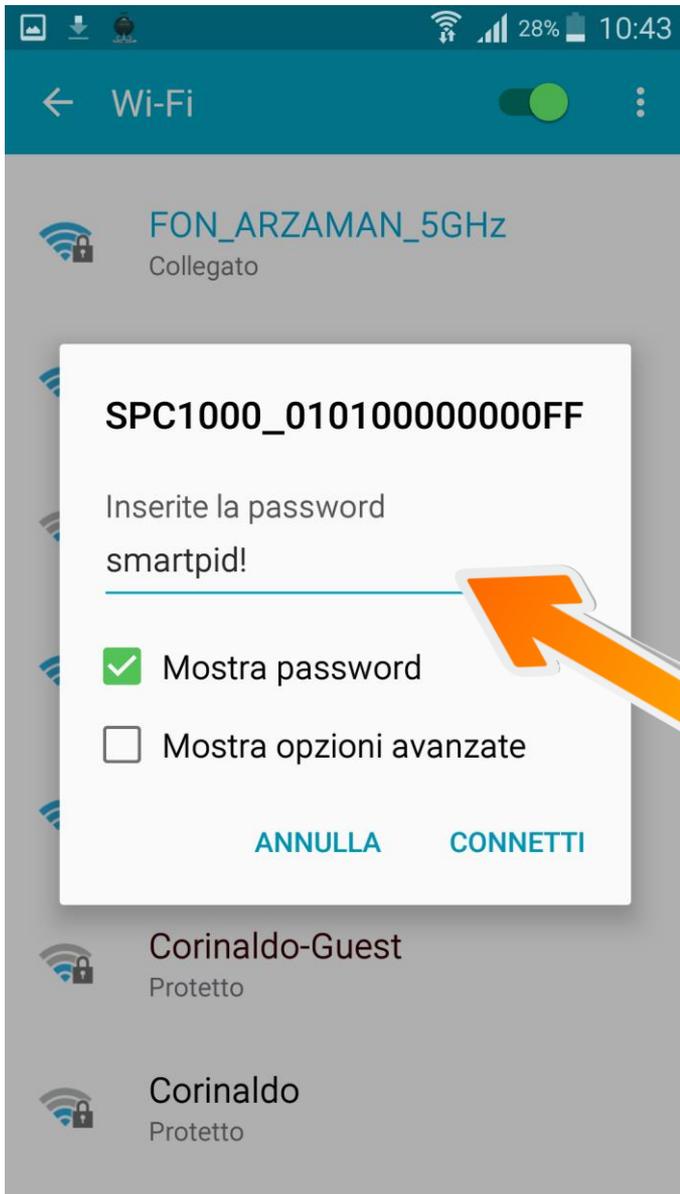2. Configure Wi-Fi mode in **AP mode**

step 2.2

1. From a smartphone or laptop PC perform Wi-Fi network scan / search
2. Look for the WiFi network SPC1000_XXXXXXXXX
1. Select above network and connect to it

NOTE : in case of smartphone usage is strongly suggested to disconnect from 3g/4g mobile data connection during the whole operation (keep only Wi-Fi ON)

step 2.3

1. Connect to WiFi network SPC1000_XXXXXXXXXXXXXXXX
2. Default password **smartpid!**
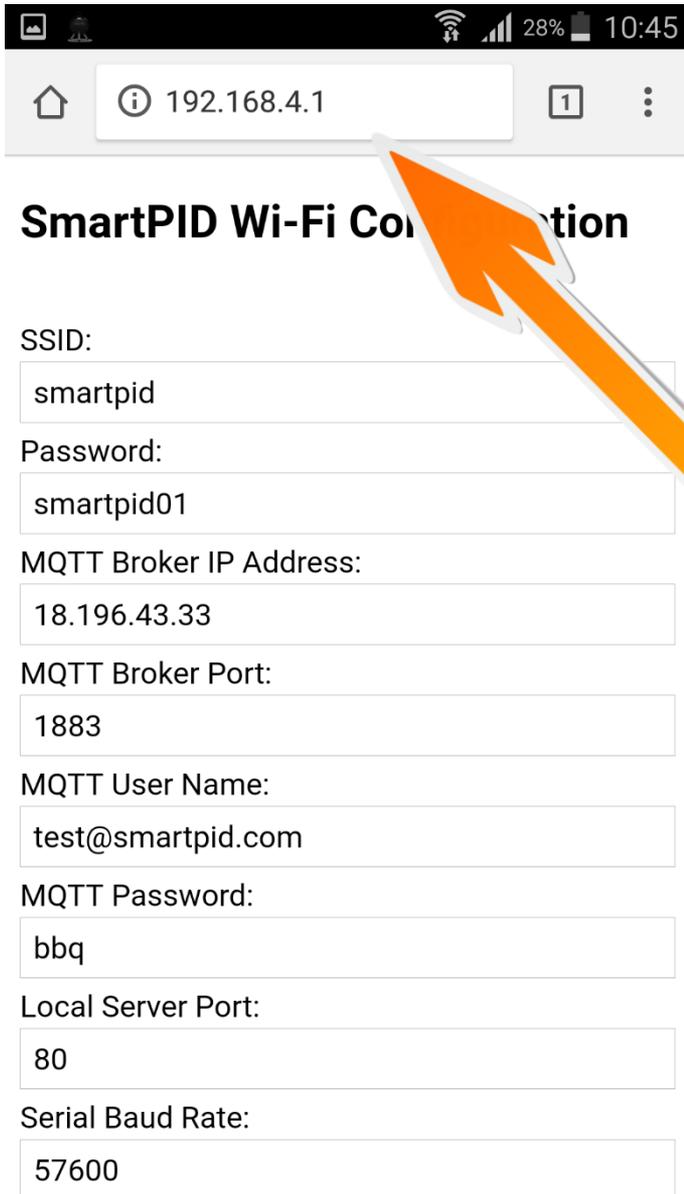
SmartPID Wi-Fi Configuration

SSID:
smartpid

Password:
smartpid01

MQTT Broker IP Address:
18.196.43.33

MQTT Broker Port:
1883

MQTT User Name:
test@smartpid.com

MQTT Password:
bbq

Local Server Port:
80

Serial Baud Rate:
57600

step 2.4

1. Open browser (chrome o other)
2. Insert in the top bar following URL

192.168.4.1

3. You will be redirected to a landing page with some forms to fill

SmartPID Wi-Fi Configuration

SSID:

smartpid

Password:

smartpid01

MQTT Broker IP Address:

18.196.43.33

MQTT Broker Port:

1883

MQTT User Name:

test@smartpid.com

MQTT Password:

bbq

Local Server Port:

80

Serial Baud Rate:

57600

Save

step 2.5

Home WiFi
Username e Password

IP address and port of cloud server
18.196.43.33

smartPID BBQ username and password create during step #1

Click on Save button
SmartPID will perform a "reboot"

step 2.6

1. Go back to WiFi/MQTT menu on smartPID BBQ controller
2. Configure «Wi-FI mode» as **Client**
3. Verify SSID e PWD of your home network
4. Verify status "**connected**" and valid IP assignment by your home router
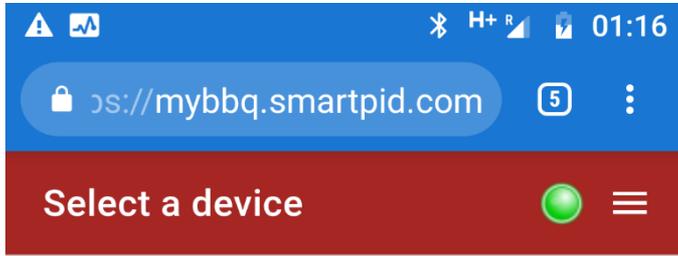
step 2.7

1. Enter in MQTT config menu and check user&pwd saved
2. Enter the Logging menu and enable "Log Mode" via WiFi
3. Configure the info sample time (5s or more)
4. Verify the "**MQTT connection OK**" status

SmartPID BBQ pairing via serial number to web app

step 3.1

1. In the home screen the list of configured device is reported with basic info.
2. In order to add a NEW device press the following button

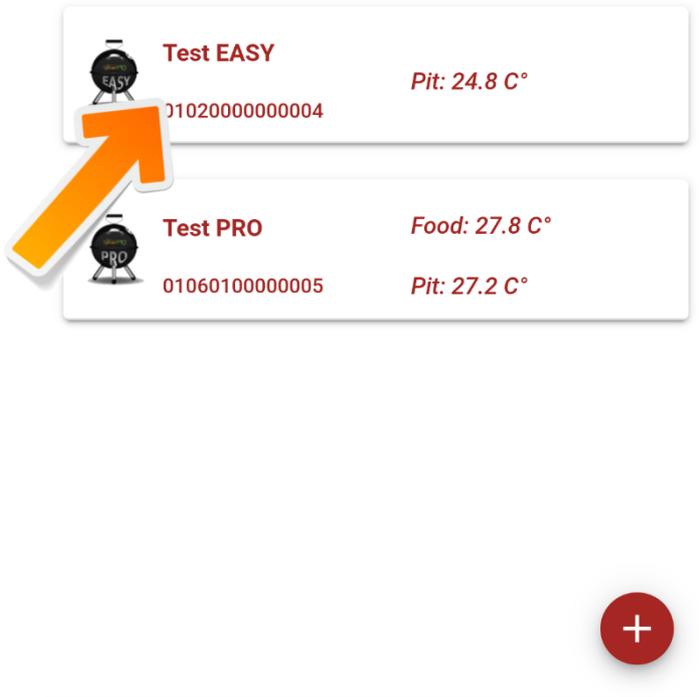# step 3.2

1. Insert a symbolic name
2. Insert 14 digits serial number (available in INFO smartPID BBQ
3. Select SmartPID BBQ type (**Easy**)
4. Press **SAVE**
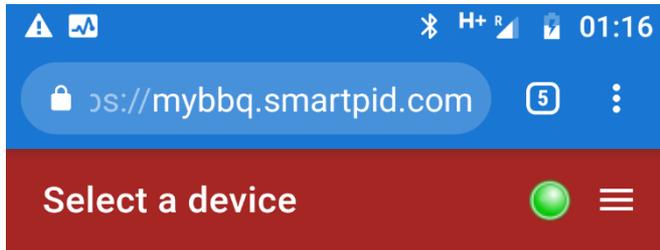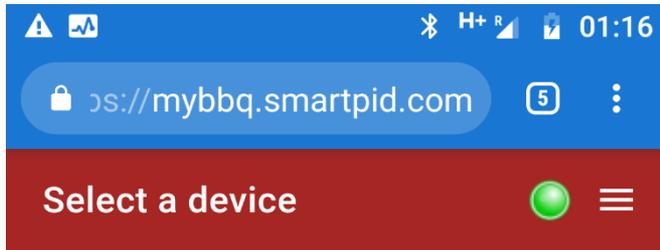
step 3.3

1. Under the "list of devices" tab you will find the new controller added
2. If the controller is connected to WiFi and cloud server and in monitor or run mode PIT e FOOD (only pro) temperature value are reported

step 3.4

1. It's possible to remove a device "swiping" towards left
2. It's possible to modify the smartPID information swiping towards right
3. By clicking on the device you will enter the detailed info tab
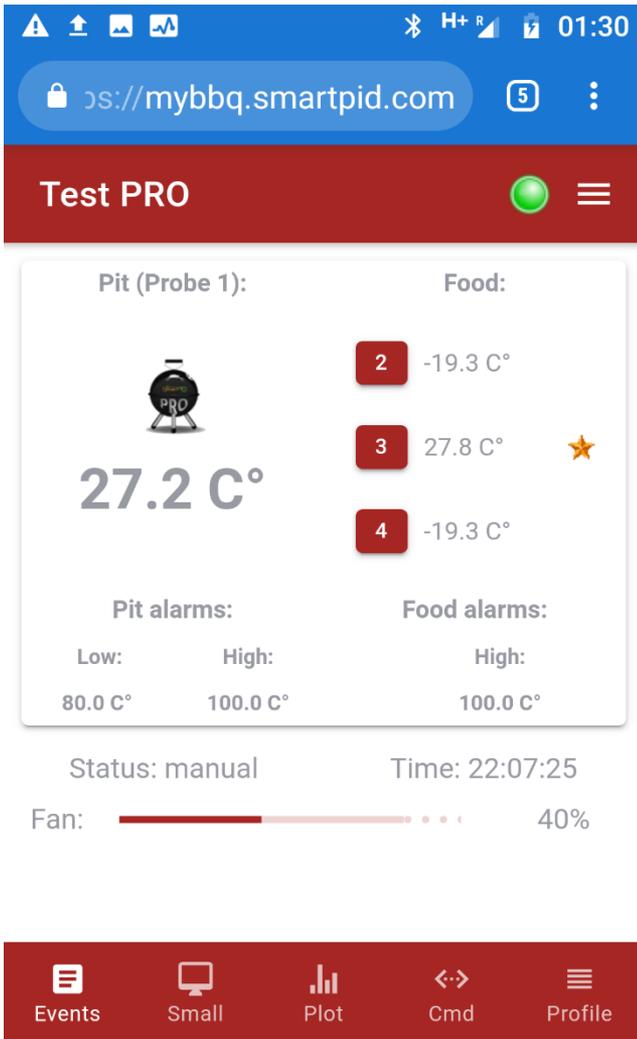
step 3.5

1. In this tab all the relevant info for the current device are reported
2. Please refer to USER MANUAL for details information and usage

Troubleshooting guide

In case of any problem in SmarPID BBQ configuration or web app pairing please perform following check

1. Check that PC or smartphone running web app is connected to public internet (now firewall, 1883 port blocking or corporate LAN policy etc..)
2. Check the green light on top right corner of the web app. In case of red light this means that is not possible to connect to cloud server. Please logout and check your credentials
3. Check on SmartPID BBQ controller WiFi connection inside the menu WiFi/Logging ➔ WiFi ➔ status. The "connected" status must be reported and valid IP address from home router must be assigned
4. Check on SmartPID BBQ controller the connection to cloud server form menu WiFi/Logging ➔ logging ➔ status. The «MQTT Connection OK» must be reported. In case of KO please check the credentials created with step 1

PLEASE DO DOUBLE CHECK TO **AVOID TYPO ERRORS** EXPECIALLY USING SMARTPHONE FOR CONFIGURAITON CHECK THE PRESENCE OF UNWANTED CAPITAL LETTERS OR SPACES AT THE END ADDED BY AUTO CORRECTION FEATURES

In order to repeat configuration (for example if you want to change WiFI netowork) you need to move again smsartPID BBQ controller to "AP mode" and repeat step 2.x

C2 General