

SmartPID M5 Mini WiFi and web app configuration

quick start guide

Configuration steps

1. Open <https://mypid.smartpid.com/> URL in a browser (chrome/firefox/safari)
2. Perform the SignUP procedure to create a valid account
3. Perform the login with the created credentials and check the “green light” in the top right corner
4. Power on SmartPID M5 mini and connect with smartphone or laptop to the created hot spot smartpid_xxxxxxxxxx
5. Open the browser at the address 192.168.4.1 and fill the form with wifi password and the MQTT part with user/pwd created on step 2
6. SmartPID m5 mini reboot and connect to WIFI and cloud server
7. Check the “wifi” and “mqtt” status in info menu
8. Add your device to the web app via serial number

Web App sign up - sign in

The image displays three sequential screenshots of the SmartPID Controller web application's user interface, illustrating the registration and login process. Each screenshot features the SmartPID Controller logo at the top center, which consists of a green circle with a white thermometer icon and the text 'SmartPID CONTROLLER'.

Left Screenshot (SIGN UP): This screen is for account registration. It contains three input fields: 'Email', 'Password', and 'Confirm password'. Below these fields are two green buttons: 'REGISTER' and 'RETURN TO LOGIN'. A red arrow points from the text 'register your account' to the 'REGISTER' button.

Middle Screenshot: This screen shows the login process. The 'Email' field is pre-filled with 'smartpid@arzaman.com'. Below the email field is a password input field with a toggle icon. A green 'LOGIN' button is positioned below the password field. A red arrow points from the text 'enter your personal area' to the 'LOGIN' button. Below the 'LOGIN' button are two green buttons: 'NOT A MEMBER? SIGN UP NOW' and 'FORGOT PASSWORD?'.

Right Screenshot (SIGN IN): This screen is for logging in. The 'Email' field is pre-filled with 'smartpid@arzaman.com'. Below the email field is a password input field with a toggle icon. A green 'LOGIN' button is positioned below the password field. Below the 'LOGIN' button are two green buttons: 'NOT A MEMBER? SIGN UP NOW' and 'FORGOT PASSWORD?'.

At the bottom of each screenshot is the SmartPID Controller logo. Below the first and third screenshots, the text 'SIGN UP' and 'SIGN IN' respectively, is displayed.

SmartPID M5 mini WiFi Configuration

- Power on your smartPID M5 mini
- Scan available WiFi network with smartphone or laptop PC.
- Connect to WiFi network smartpid_xxxxxxx with password **smartpid!**
- Open in the browser any page and you will be redirected to the input form (in case of problem open directly the page 192.168.4.1).
- Fill the form with relevant data and press save.
- SmartPID m5 will reboot and connect to your home WiFi and cloud server.
- Check WiFi and server status in the info or WiFi menu.

14:13

192.168.4.1

SmartPID Wi-Fi Configuration

WiFi Network:

Select from List: smartpid

Refresh

Enter SSID: smartpid

WiFi Password:

smartpid01

MQTT Broker Address:

mqtt.smartpid.com

MQTT Broker Port:

1883

MQTT TLS Connection

MQTT User Name:

MQTT Password:

Save

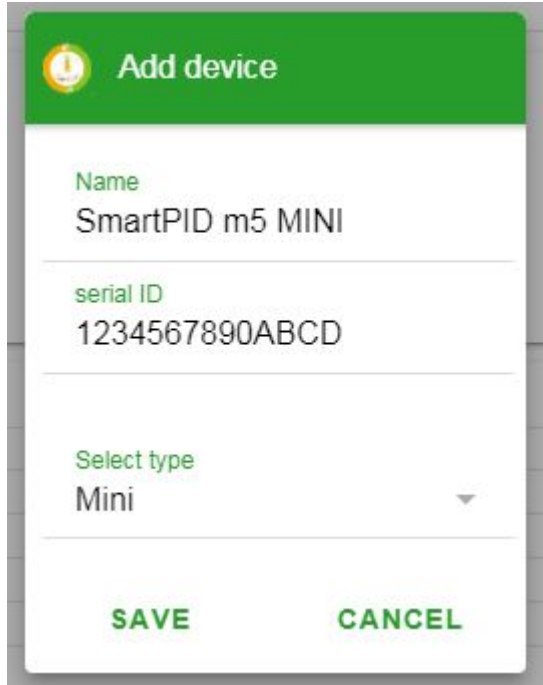
WiFi network selection

WiFi network password

Cloud server address

Cloud server credentials

Add device to the web app



Add device

Name
SmartPID m5 MINI

serial ID
1234567890ABCD

Select type
Mini

SAVE **CANCEL**

- press the + button in bottom right corner to add a new device
- insert a mnemonic name
- insert the 14 digits SmartPID m5 mini serial number (menu info)
- Select type “mini”
- Save

SmartPID M5 mini dashboard

command tab

SmartPID m5 mini
0401100000000C

Navigation icons: back, menu, full screen, edit, delete

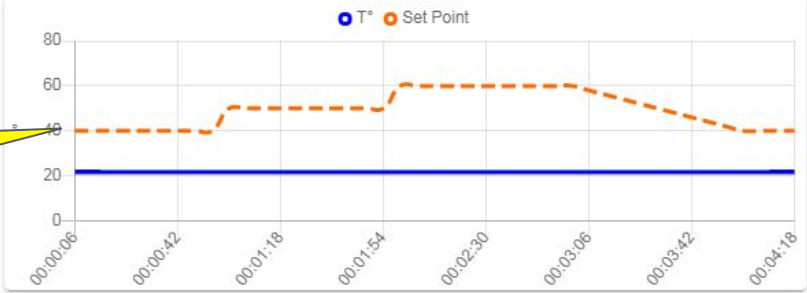
profile tab

full screen view

Dynamic process data

T°:	Mode:	cooling
21.7 C°	Run Mode:	advanced
SP:	Time:	00:04:18
40 C°	Relay:	off

Set Point temp/humidity plot



Events
Alarms
notification

Events:

soak 4 00:03:59

Event notification icon

Commands TAB

The image shows the 'Commands TAB' interface for 'SmartPID Mini'. The interface has a green header with the title 'SmartPID Mini' and a device ID '0401100000000C'. Below the header are five icons: a double-headed arrow, a hamburger menu, a monitor, a pencil, and a trash can. The main area is divided into three sections. The top section has 'Run mode:' with 'STANDARD' and 'ADVANCED' buttons, and a 'START' button. The middle section has 'Temp SP:' and 'RH SP:' input fields, and an 'UPDATE T°/H SP' button. The bottom section has four buttons: 'STOP', 'PAUSE', 'STATUS', and 'EXPORT CSV'. Yellow callout boxes provide descriptions for each button.

SmartPID Mini
0401100000000C

Run mode: STANDARD ADVANCED START

Temp SP: RH SP: UPDATE T°/H SP

STOP PAUSE STATUS EXPORT CSV

switch to advanced mode command (profile selection)

start new process (specify SP)

input temperature or humidity set point

update the temperature/humidity Set Point

stop running process

pause/resume running process

retrieve information status of device and shelly2.5 relay

export process log data in CSV format

Profile configuration

SmartPID Mini
040110000000C

Profile:
1

SP n.1: 10	➔	Soak n.1: 120	➔	Ramp n.1: 120
SP n.2: 20	➔	Soak n.2: 180	➔	Ramp n.2: 180
SP n.3: 30	➔	Soak n.3: 240	➔	Ramp n.3: 300
SP n.4: 40	➔	Soak n.4: 0	➔	Ramp n.4: 0
SP n.5: 40	➔	Soak n.5: 0	➔	Ramp n.5: 0

select profile index number to update

STEP set point

ramp/soak duration
In seconds

SAVE

Save to SmartPID M5 mini