

# AquaControl Portal access via other devices or software

AquaControl Portal is a Windows PC application that simulates an Ashly AquaControl device. It provides a webserver with the full client and data model of a real AquaControl device, so it can be used to setup working parameters, accounts, presets, remote screens, and events that can be exported to real hardware units. AquaControl Portal can also be used as a test platform for third party control system developers, or to test remote screens created in Portal with mobile devices connect to the same network that the PC running Portal is connected to.

## How to access AquaControl Portal from other software on the same PC

1. Install and launch AquaControl Portal on your PC.
2. Login as an admin, (default username: "admin" , password: "secret").
3. Launch network browser/control software on the same PC such as Chrome/Edge/Safari web browser or third-party control system software.
4. Enter the following, IPv4, loopback address into the address bar or your control software app, to access the AquaControl Portal client...  
For AquaControl Portal (mXa1502): <http://127.0.0.1:8000/index.html>  
For AquaControl Portal 2.0 (AQM1208, AQM408, and newer products): <http://127.0.0.1:8002/index.html>

## How to access AquaControl Portal from other devices on your network

1. Install and launch AquaControl Portal on your PC.
2. Login as an admin, (default username: "admin" , password: "secret").
3. From another device connected to the same network, such as the browser on your mobile device or a network remote panel, you can access AquaControl Portal via the IPv4 address of the computer that AquaControl Portal is running on, at port 8000 for AquaControl Portal (mXa1502) and port 8002 for AquaControl Portal 2.0 (AQM1208, AQM408, and other new products). Here are the formats...  
<http://<PC IPv4 ADDRESS>:8000/index.html>  
<http://<PC IPv4 ADDRESS>:8002/index.html>

For example, my PC running AquaControl Portal is assigned IPv4 address 192.168.1.240. I can access AquaControl Portal running on it from any other computer/device connect to the same network. Just open a browser on the other computer/device and enter the following into the address bar..  
(mXa1502 Portal) <http://192.168.1.240:8000/index.html>  
(AQM1208 Portal) <http://192.168.1.240:8002/index.html>

NOTE: you can find a Windows PC's IPv4 address in: Windows Settings -> Network & Internet -> Status -> Local Area Connection -> Properties. Scroll down to the bottom where you see the IPv4 setting of your PC.

## How to access the AquaControl Portal interactive Swagger API documentation

Note: this shows third-party control system developers how to access and control Ashly AquaControl product parameters and features.

1. Install and launch AquaControl Portal or AquaControl Portal 2.0 on your PC.
2. Login as an admin, (default username: "admin" , password: "secret").
3. Launch a compatible web browser, (the latest version of Chrome, Edge, or Safari), on the same PC that's running AquaControl Portal.
4. Enter the following in the browser address bar..  
For AquaControl Portal (mXa1502): <http://127.0.0.1:8000/documentation>  
For AquaControl Portal 2.0 (AQM1208, AQM408, and other new products): <http://127.0.0.1:8002/documentation>
5. You must first execute a /session/login post, as shown below, to establish a connection to Portal before other APIs will work. The only exception are the "simplecontrol" APIs, which do not use security cookies but require a user account setup in Portal/AquaControl with the username: SimpleControl

session Show/Hide List Operations Expand Operations

**POST** /session/authorizedlogout

**GET** /session/checkCurrentLogin

**POST** /session/login

Response Class (Status default)

Response Content Type

Parameters

| Parameter | Value | Description | Parameter Type | Data Type             |
|-----------|-------|-------------|----------------|-----------------------|
| body      | -     |             | body           | Model   Example Value |

username

password

keepLoggedIn

Parameter content type:

[Try it out!](#) [Hide Response](#)

**Curl**

```
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' -d '{"username":"admin","password":"secret","keepLoggedIn":true}'
```

**Request URL**

```
http://192.168.111.135:8000/v1.0-beta/session/login
```

In some products it may look like this...

session ^

**POST** /session/authorizedlogout v

**GET** /session/checkCurrentLogin v

**POST** /session/login ^

Parameters **Click here** [Try it out](#)

| Name               | Description           |
|--------------------|-----------------------|
| body object (body) | Example Value   Model |

```
{
  "username": "string",
  "password": "string",
  "keepLoggedIn": true
}
```

Parameter content type

Responses Response content type

| Code    | Description |
|---------|-------------|
| default | Successful  |

```
"string"
```

Enter the correct username and password string values and click Execute:

POST /session/login

Parameters

Cancel

| Name | Description |
|------|-------------|
|------|-------------|

|                    |                    |
|--------------------|--------------------|
| body object (body) | Edit Value   Model |
|--------------------|--------------------|

```
{
  "username": "admin",
  "password": "secret",
  "keepLoggedIn": true
}
```

Cancel

Parameter content type

application/json



Execute