HomeGenie setup for Serial port

Options

U_Test_program.htm" Choose...

Import
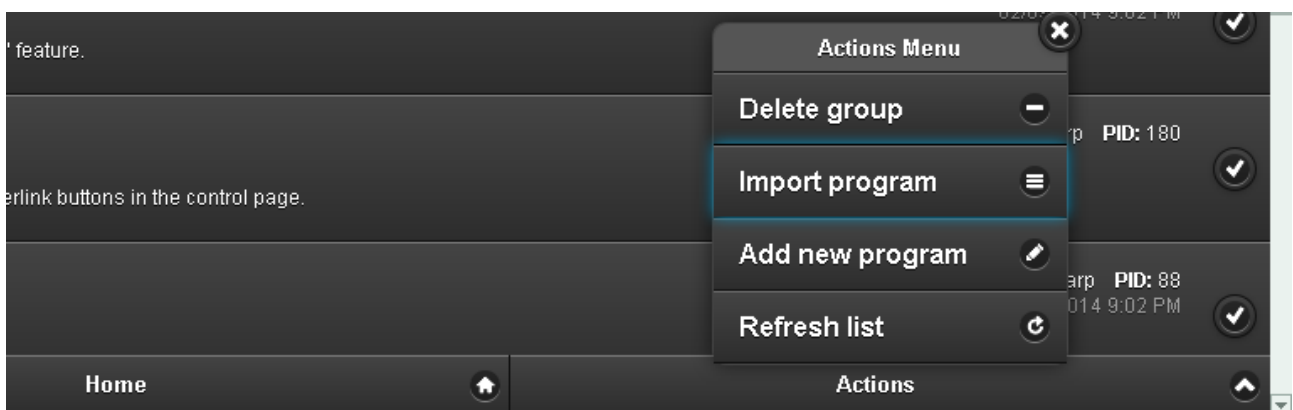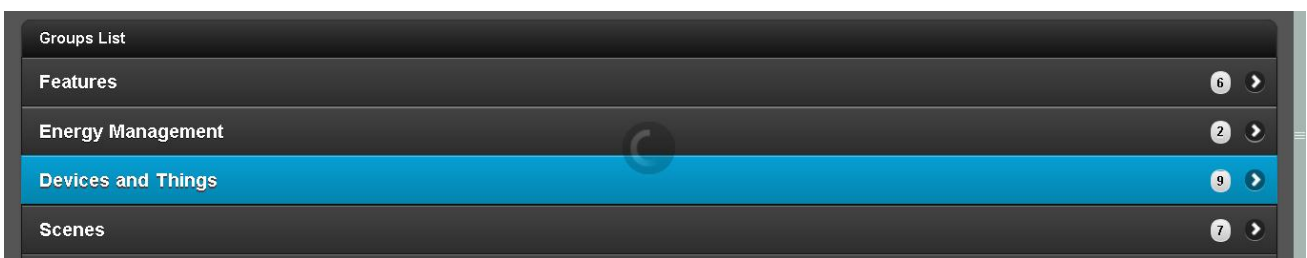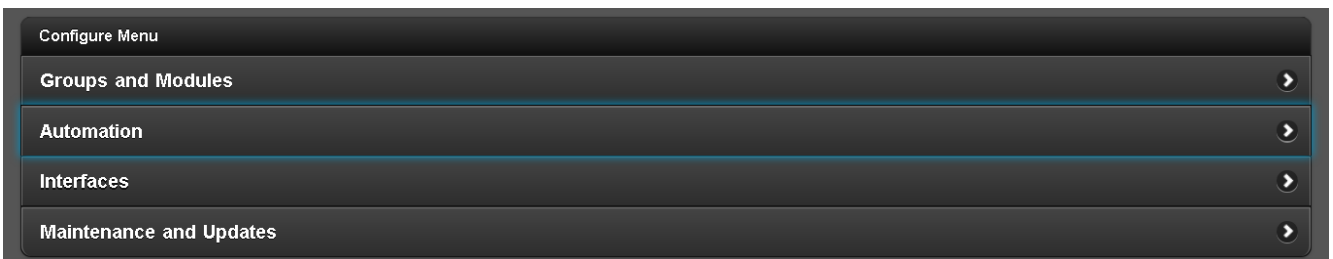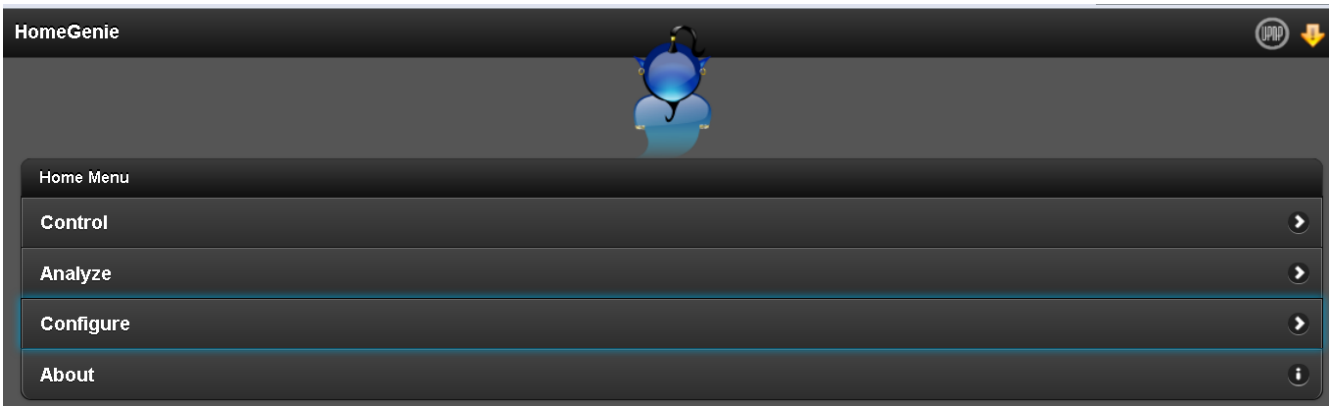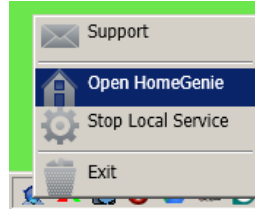
Favourites Links — CSharp **PID:** 180
Add 5 virtual modules with customizable url link. These can be added to groups and are then shown as hyperlink buttons in the control page.

Generic IP Camera — CSharp **PID:** 88 — 02/09/2014 9:02 PM
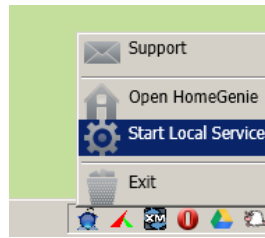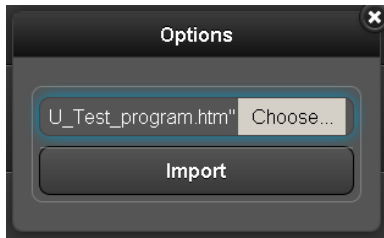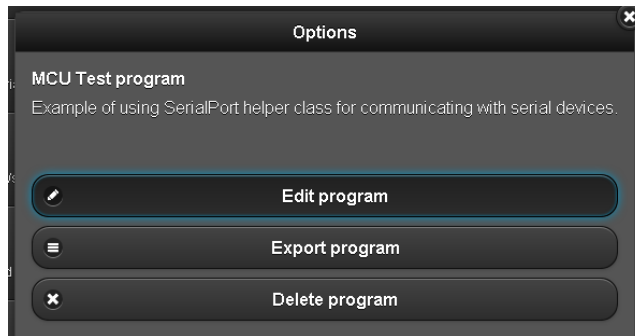Generic IP Camera driver.

MCU Test program — CSharp **PID:** 1002
Example of using SerialPort helper class for communicating with serial devices.

Philips Hue Bridge — CSharp **PID:** 26 — 02/09/2014 9:02 PM

Options

MCU Test program
Example of using SerialPort helper class for communicating with serial devices.

Edit program

Export program

Delete program

Scroll down -> Edit/Compile

Program Name

MCU Test program

Program Description

Example of using SerialPort helper class for communicating with serial devices.

Program Type

C# Program

Program Trigger

when condition evaluation switches to 'true'

C# Program

Edit / Compile

Back   Home

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```
 1  var portname = "COM9";  /* Serial port on PC or on Raspberry Pi */
 2
 3  /* Virtual module added in Setup(Trigger) section (other tab) */
 4  /* In this case we added one module with the address "A0" in the domain "HomeAutomation.MCU"
 5   domain of type "Switch" and using the "generic switch" widget for displaying it in the control
 6   panel. There are other widgets that can be used (sensor, door, window, light, dimmer etc..)
 7   Btw, a program can also create more that just one module by using AddVirtualModules. */
 8  //Program.AddVirtualModule("HomeAutomation.MCU", "A0", "Switch", "homegenie/generic/switch");
 9
10  /* We will use this module */
11  /* Now, to get a reference to your virtual module: */
12  var module = Modules.InDomain("HomeAutomation.MCU").withAddress("A0").Get();
13  /* var mod1 = Modules.InDomain("HomeAutomation.X10").WithAddress("A2"); */
14
15  /* Serial Reception */
16  /* HandleMessageReceived(): ASCII
17   * HandleStringReceived(): UTF-8 */
18  Action<string>
19  HandleStringReceived = (string message) =>
20  {
```

Actions Menu		✖
Run		⚙
Compile		✔

Back	↺	Edit Trigger Code	⚙	Actions

SerialPort Status
CONNECTED!

```
aspberry Pi */

(other tab) */
s "A0" in the domain "HomeAutomation.MCU"
tch" widget for displaying it in the control
ensor, door, window, light, dimmer etc..)
module by using AddVirtualModules. */
0", "Switch", "homegenie/generic/switch");


*/
.WithAddress("A0").Get();
).WithAddress("A2"); */
```
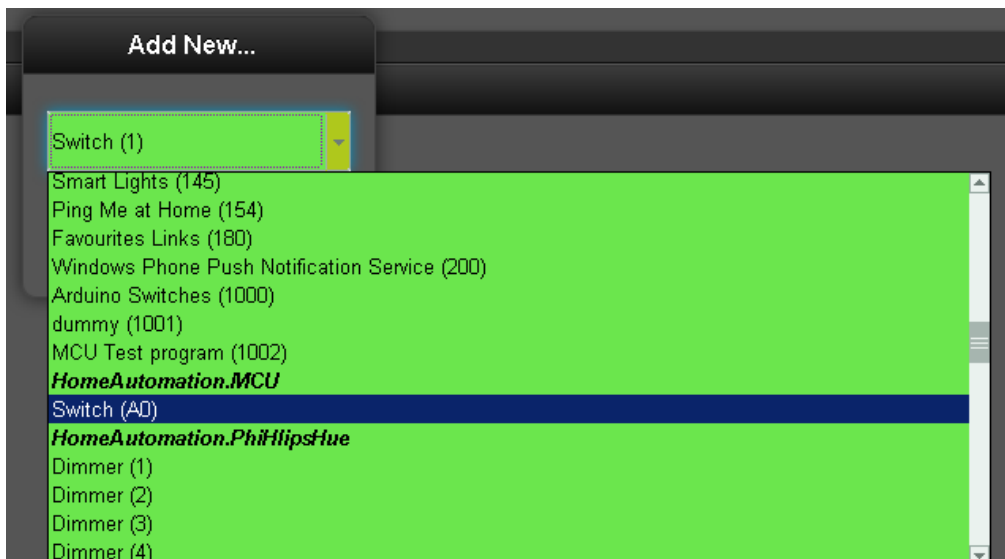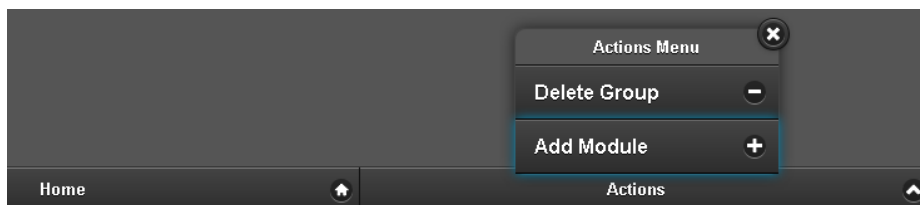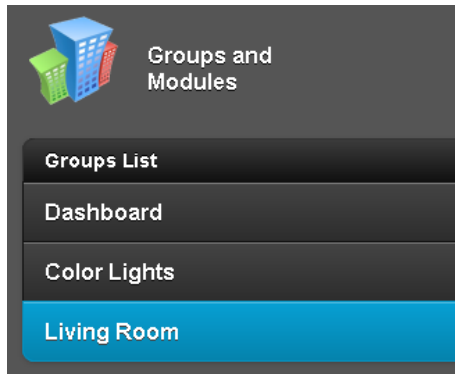
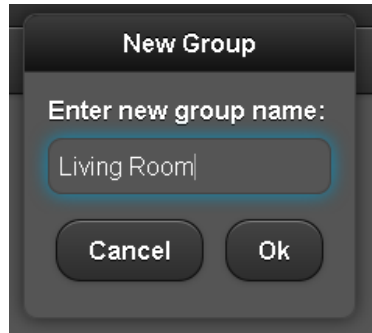| Edit Trigger Code	⚙	Actions	⌃

Back

Back	↺	Home	🏠	Actions

Home Menu

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Configure	⚙	Home	🏠	Actions

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Groups and Modules

Automation

Interfaces

Maintenance and Updates

Back ↻	Home ⌂	Add Group ✚

New Group

Enter new group name:

Living Room

Cancel   Ok

Groups and Modules

Groups List

Dashboard

Color Lights

Living Room

Actions Menu ✖

Delete Group ➖

Add Module ✚

Home ⌂	Actions ⌃

Add New...

Switch (1) ▼

Smart Lights (145)
Ping Me at Home (154)
Favourites Links (180)
Windows Phone Push Notification Service (200)
Arduino Switches (1000)
dummy (1001)
MCU Test program (1002)
HomeAutomation.MCU
Switch (A0)
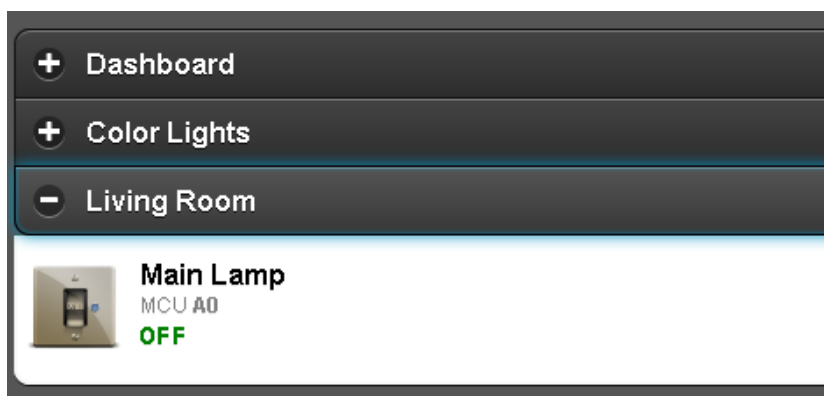*HomeAutomation.PhiHlipsHue*
Dimmer (1)
Dimmer (2)
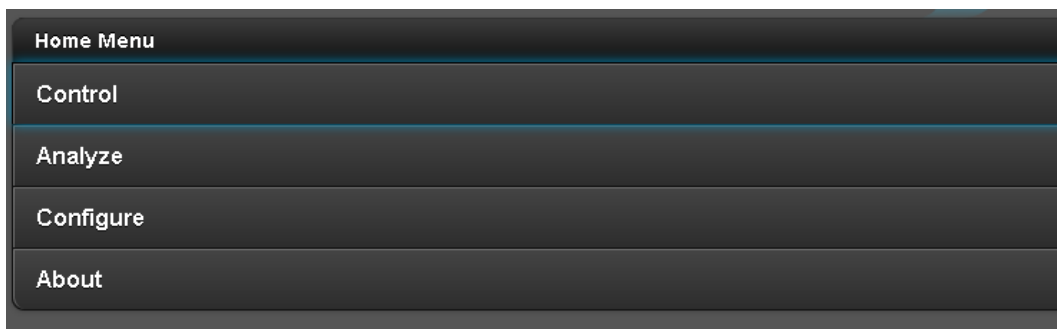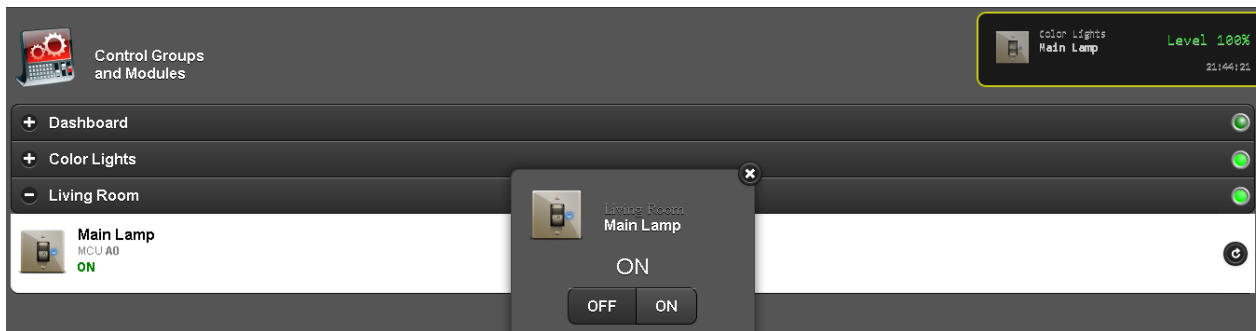Dimmer (3)
Dimmer (4)

Update module

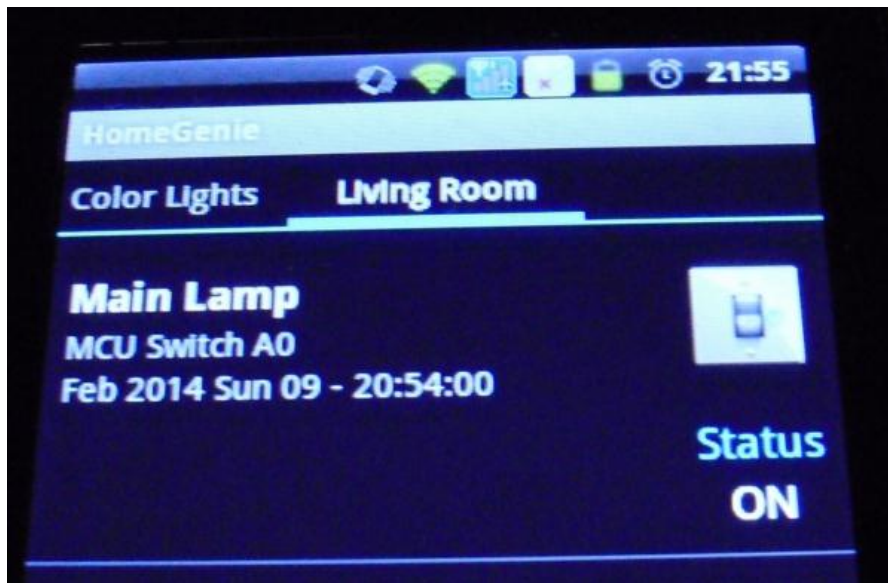For Advanced users list of parameters:
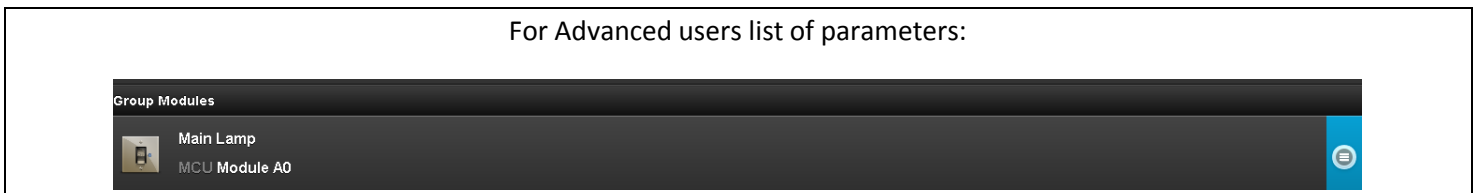
Control: this is what you would normally use

Now you are ready to play around.

Best part is that it automaticly shows up on Andoid/WindowsMobile app:

API documentation

http://www.homegenie.it/docs_old/learn.html

Hint:

Check other sample codes in HomeGenie.