SnapAV Wattbox ELAN Driver

V1.0.5 rev20190711

Overview

This driver integrates a SnapAV Wattbox into your ELAN control system. The driver was created and tested on a gSC2 series controller using g!Viewer. To use this driver, add the driver to the system, and follow the setup.

Change Log

V1.7
Fixed outlet 17 and 18 bug

V1.6
Fixed 6 outlet bug preventing polling of ups and energy data

V1.5
Added Outlet Reset light toggle devices
Added string variables for outlet energy data
Added string variables for ups data
Added string variables for overall energy data

V1.4
Added support for wifi wattbox
Added support for 2 way feedback

V1.3
Removed serial number and added service tag

V1.2
Fixed Outlet Names with commas

V1.1
Added authentication

V1.0
Release

Specification

This package includes the following:

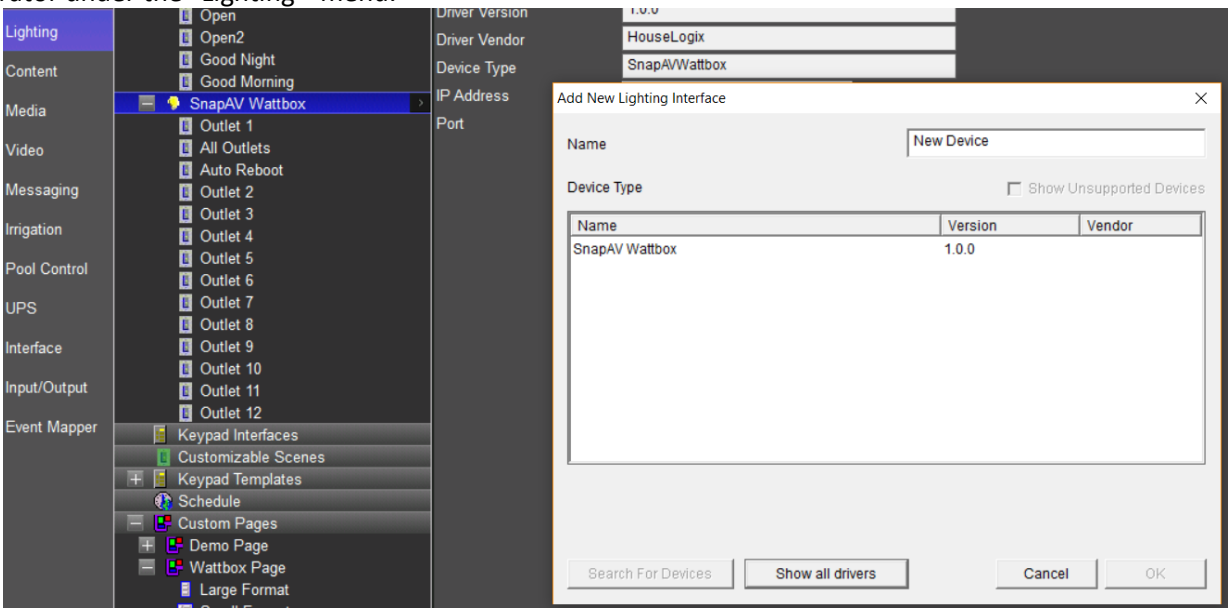
- Compiled ELAN Driver (SnapAVWattbox.EDRVC)
  - Controls hardware device.
  - Polls outlet status and updates every 30 seconds.

IP Connection

The driver communicates to and from the device through an IP connection and must be connected for the driver to function. Please note that certain features will not be populated depending on the piece of hardware used. For example, WiFi WattBox will not have UPS data or energy data.

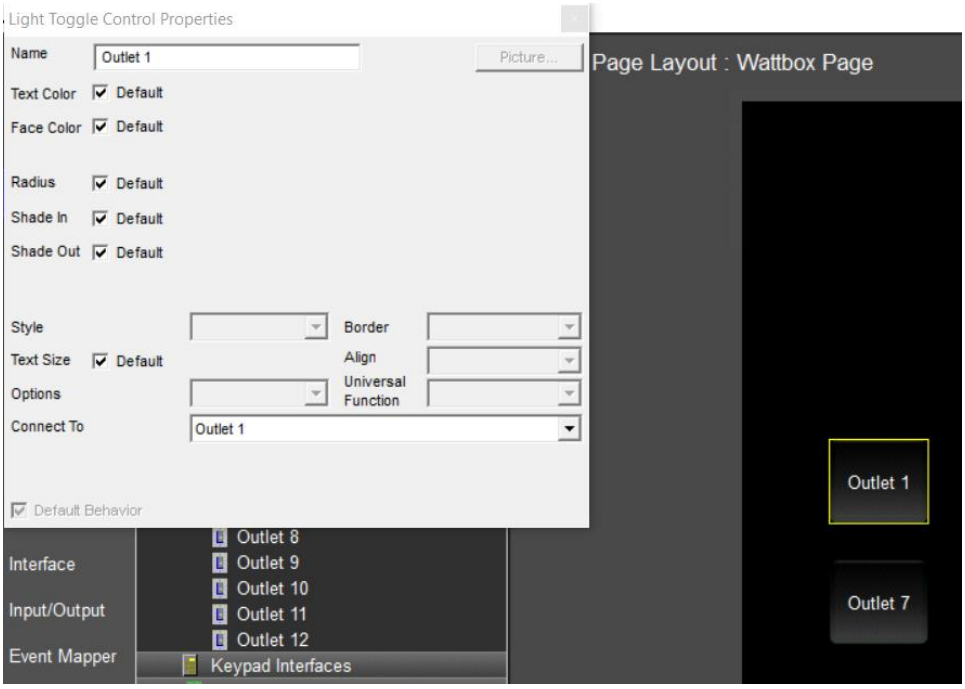
Setup

1. After setting up the Wattbox, add the driver to the controller as a "new Lighting Interface" in g!Tools Configurator under the "Lighting" menu.



2. Enter the IP Address of the Wattbox into the "IP Address" field and the Port in the "Port" field in the driver's configuration. **Default Port is 23.** Set the polling interval for querying the latest outlet states. **Default is 30 seconds which is the minimum.** Note, polling may be disabled if the device automatically sends feedback. Enter the username and password to login to the device. Once connected and logged in, the driver will auto configure and add a “on/off Lighting device” for each outlet.

3. Lastly, under “Custom Pages”, add a new page for the outlets and create “Light Toggle Control” buttons. These buttons can then be tied to the newly created On/Off light device. Also add text feedback buttons to display the model, service tag, hostname, or firmware version.



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