



EVSW21MV HDMI Switch

Control4 Driver User Guide

Driver developed by



Introduction

This driver has been designed to provide control of the Vanco EVSW21MV, via RS232.

Driver Installation & Configuration

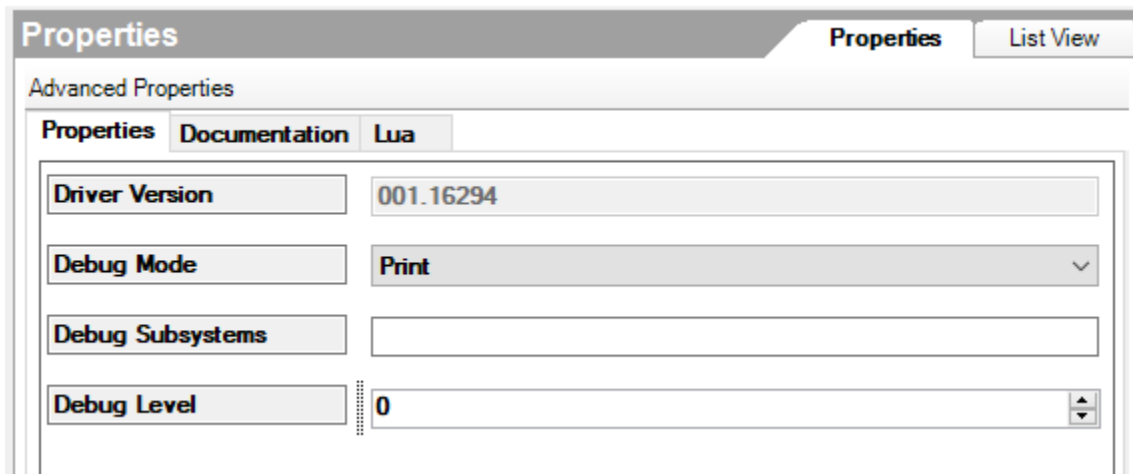
Copy the .c4z file from the zip package to your Control4 driver folder location (e.g. *My Documents\Control4\Drivers*) and then open Composer. The driver can be found under:

Device Type: A/V Switch

Manufacturer: Vanco

Model: Vanco EVSW21MV

The driver features a number of properties that report status or control configuration:



Advanced Properties		
Properties	Documentation	Lua
Driver Version	001.16294	
Debug Mode	Print	
Debug Subsystems		
Debug Level	0	

Figure 1: Driver Properties

Property	Description
Driver version	The release version of the driver
Debug Mode	Support Use Only
Debug Subsystems	Support Use Only
Debug Level	Support Use Only

Table 1: Driver Properties

To set up control via RS-232, a connection between the A/V switch and the Control4 unit must be established.

Go to **Connections**, select the A/V switch and drag the control input **Serial RS-232** to the relevant RS-232 output on the Control4 unit.

Control & Audio Video Connections

EVSW 21MV

Name	Type	Connection	Input/Output	Connected To
Audio/Video Inputs				
HDMI Input 1	Video	HDMI	Input	
HDMI Input 2	Video	HDMI	Input	
Audio/Video Outputs				
HDMI Output	Video	HDMI	Output	
Control Inputs				
Serial RS-232	Control	RS_232	Input	
Room Control				
Room Selection - OUTP...	RoomControl	AUDIO_SELECTION	Output	
Room Selection - OUTP...	RoomControl	VIDEO_SELECTION	Output	

RS_232 Output Devices			
Device	Name	Location	Connections
EA-1	SERIAL 1	Room	
EA-1	SERIAL 2	Room	




Figure 2: RS-232 Connection

Input Switching Commands

The driver supports the ability to control the input channel (source) of the A/V switch. Choose **System Design** and double click on the driver to load the test harness.



Figure 3: Input source control

Driver Specific Commands

In addition to providing input switching controls, the driver supports the ability to send discrete commands for controlling some of the settings of the A/V switch. Choose **Programming** and select the A/V switch driver in the **Actions** window.

Select a resolution to scale the output to. Choices are shown below.

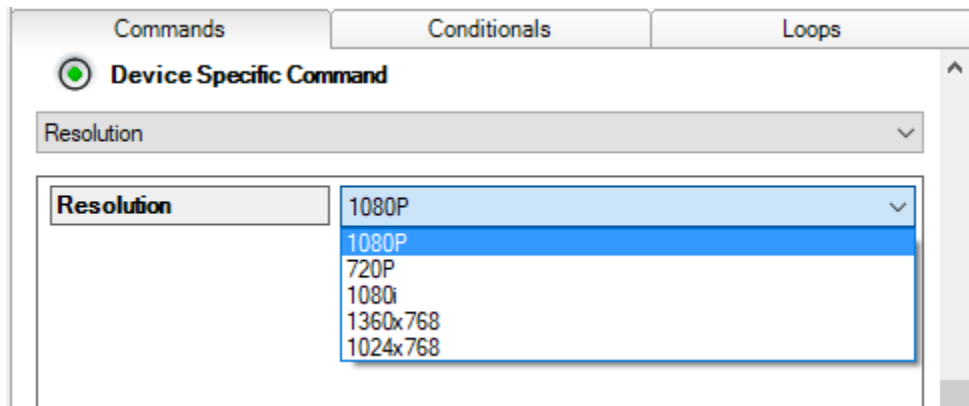


Figure 3: Driver Specific Commands – Resolution

Use Mode to select display mode. Choices are **Single-view**, **PIP (Picture in picture)** and **Side-by-side (split screen)** in **4:3** and **16:9** format

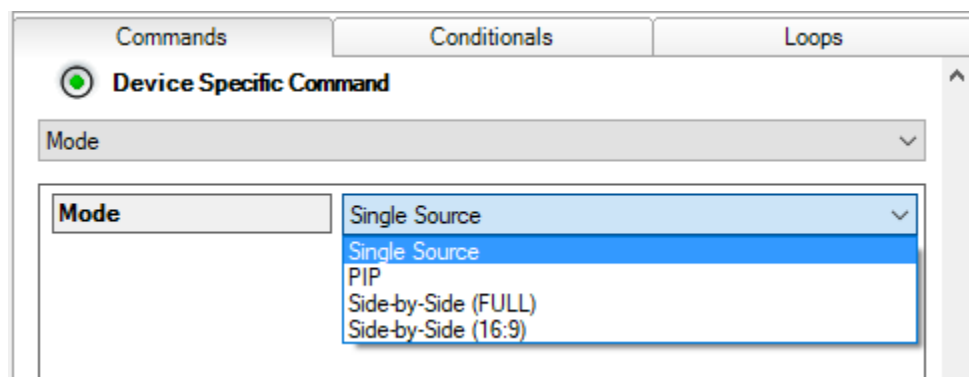


Figure 5: Driver Specific Commands – Standby Mode Control

The Picture-in-picture position and size can be adjusted with the **PIP Properties** command. Choose the position and size of the seconds picture.

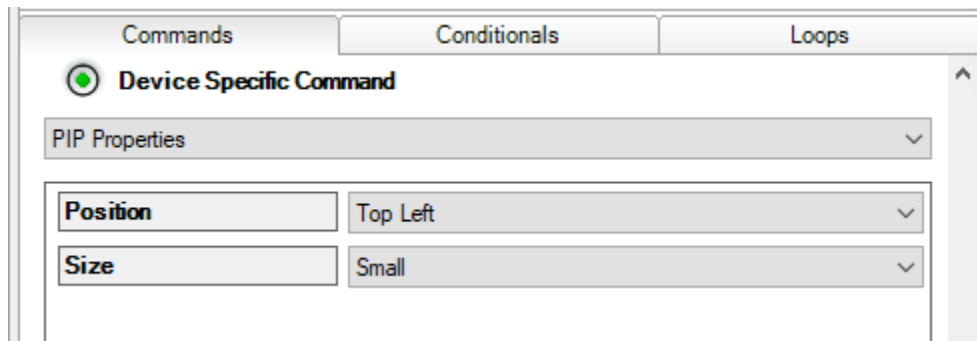


Figure 6: Driver Specific Commands – PIP Properties

The border can be shown or hidden with the command **Border**.