VANCO EVSW21MV

AMX Module User Guide

Driver developed by

JANUS
TECHNOLOGY

Introduction

This driver has been designed to provide one-way control of a Vanco 2×1 HDMI® Switch with Multiview and PIP via RS232.

EVSW21MV Configuration

It is recommended that the Vanco system be installed, configured and tested by a suitably qualified engineer, according to Vanco documentation, prior to integration with AMX.

Module Installation & Configuration

Four Vanco driver files are included with the zip package. Extract the

Vanco_EVSW21MV.tko

driver and add it to your project. Next, add a define_module line to your master source file, similar to the following:

define_module 'Vanco_Vanco_EVSW21MV(vdvModule_EVSW21MV, dvVanco_SERIAL_115200);

Configuring Module Parameters

The following parameters are defined in the module:

Parameter	Description
vdvModule_EVSW21MV	Virtual device for the matrix
dvVanco_SERIAL_115200	Serial port device

Table 1: Module Parameters

Module Commands

For a complete example of the usage of this module, see the accompanying demonstration project included in the zip package. The module supports the following commands, sent using **send_command** e.g.

```
SEND_COMMAND vdvModule_EVSW1061,"'SELECT_INPUT_1;'"
```

Command	Description
SELECT_INPUT_1; SELECT_INPUT_2;	Set input mode.
RES_1080P; RES_720P; RES_1080I; RES_1024X768; RES_1360X768;	Set output screen resolution
MODE_SINGLE_SOURCE; MODE_PIP; MODE_SIDE_BY_SIDE_FULL; MODE_SIDE_BY_SIDE_16_9;	Mode 1: Single-view mode Mode 2: PIP (Picture in Picture) mode Mode 3: Side-by-Side (Split Screen) (4:3 format) Mode 4: Side-by-Side (Split Screen) (16:9 format)
POS_TOP_LEFT; POS_TOP_RIGHT; POS_BOTTOM_LEFT; POS_BOTTOM_RIGHT;	Changes the location of the smaller screen in PIP mode
SIZE_SMALL; SIZE_MEDIUM; SIZE_LARGE;	Changes the size of the smaller screen in PIP mode
BORDER_SHOW; BORDER_HIDE;	Show/hide border

Table 2: Module Commands

Module Feedback

The module is a one-way driver and does not provide any feedback.