



VANCO EVSP14VW

Crestron Driver User Guide

Driver developed by





Introduction

This driver has been designed to provide control of the Vanco EVSP14VW Multiview 2x1 HDMI switcher via RS-232.

Installation

Add the module in to your Crestron Simpl Windows program and copy the following files to the location where your project is stored:

Vanco_Evsp14vw_*[version]*.ush
Vanco_Evsp14vw_*[version]*.usp
Vanco_Evsp14vw_*[version]*.ush
Vanco_Evsp14vw_*[version]*sharp.clz
Vanco_Evsp14vw_ip_*[version]*.umc
Vanco_Evsp14vw_serial_*[version]*.umc
J_Debug_v2.clz
J_MessageHandler_v5.clz
J_Networking_v5.clz
J_Timers_v2.clz

Note that the package includes a demonstration smw file and an accompanying vtp file. These are not required for integration, but can be used to test or confirm the compatibility of the module.

For the RS-232 link use the following settings:

Baud rate: 115200
Data bits: 8
Parity: None
Stop bits: 1

Click **Tools** -> **Reload Device and Symbol Libraries from disk** and select the module from the **Symbol Library**.

Inputs

The module has the following commands available as input:

Name	Type	Explanation
SELECT_INPUT_XX	DIGITAL	Set Input mode. XX from {HDMI, VGA, AV, USB}
SELECT_OUTPUT_XX	DIGITAL	Set Output mode. XX from {DVI, HDMI}
SELECT_XX	DIGITAL	Set Resolution. XX from {1080P, 720P, 1024x768, 1360x768}
PRESETS_XX	DIGITAL	Configure wall tiling. XX from {1X1, 1X2H, 1X2V, 1X3H, 1X3V, 1X4H, 1X4V, 2X2, 2X1, 3X1, 4X1, 2X3, 3X2, 2X4, 4X2, 3X3}
X_AXIS_INCR	DIGITAL	Bezel correction - Increase X Axis
X_AXIS_DECR	DIGITAL	Bezel correction - Decrease X Axis
Y_AXIS_INCR	DIGITAL	Bezel correction - Increase Y Axis
Y_AXIS_DECR	DIGITAL	Bezel correction - Decrease Y Axis
VOL_INCR	DIGITAL	Increase Volume
VOL_DECR	DIGITAL	Decrease Volume
MUTE_TOGGLE	DIGITAL	Toggle mute mode
AUTO_CONFIG	DIGITAL	Set to auto configure mode
ZOOM	DIGITAL	Set zoom mode on
RX	SERIAL	Input to console (RS-232 mode only)

Output

The module does not report any feedback.

Name	Type	Explanation
TX	SERIAL	Serialized data from console (RS-232 mode only)

Parameters

The IP module has the following parameters:

Name	Type	Explanation
ip_address	STRING	Enter the IP address of the matrix (the default IP address is "192.168.0.100")
port	INTEGER	Enter the port number used to communicate with the matrix (this will usually be 8000)