



VANCO EVSP24VW

Crestron Driver User Guide

V1.0

Introduction

This driver has been designed to provide control of the Vanco EVSP24VW Multiview HDMI switcher via RS-232 or TCP/IP.

Installation

You need to copy all the files in the folder (EVSP24VW) to your project directory to support Simpl Windows to recognize the driver module.

➤ **For the RS-232 link use the following settings:**

Baud rate: 57600

Data bits: 8

Parity: None

Stop bits: 1

➤ **For the Tcp/Ip Client link use the following settings:**

Ip: The IP you set for the product, if not set, the factory default IP is **192.168.0.247**

Port: The Port you set for the product, if not set, the factory default Port is **23**

Inputs

The module has the following commands available as input:

Name	Type	Explanation
Dev_RX	SERIAL	Product information feedback input.
GetSystemStatus	DIGITAL	Get the status of the system, trigger on rising edge.
Splice_Mode_Select	ANALOG	Configure video wall mode: 1 -> 1X2(H) 2 -> 1X3(H) 3 -> 1X4(H) 4 -> 2X1 5 -> 3X1 6 -> 4X1 7 -> 2X2

Cancel_Port_Splicing	ANALOG	Cancel output port X splicing mode: 1 -> Output 1 2 -> Output 2 3 -> Output 3 4 -> Output 4
Output1_Singal_Select	ANALOG	Output port X to select the video input source: 1 -> Input 1 2 -> Input 2
Output2_Singal_Select	ANALOG	
Output3_Singal_Select	ANALOG	
Output4_Singal_Select	ANALOG	
Main_Loop_Signal_Select	ANALOG	Main loop output select the video input source: 1 -> Input 1 2 -> Input 2
Audio_Output_Signal_Select	ANALOG	Audio output select the input source: 1 -> Input 1 2 -> Input 2
Output1_Video_Type	ANALOG	Output port X select output type: 1 -> HDMI 2 -> DVI
Output2_Video_Type	ANALOG	
Output3_Video_Type	ANALOG	
Output4_Video_Type	ANALOG	
Output1_Resolution_Select	ANALOG	Output port X select output resolution: 01 -> 3840x2160p60 02 -> 3840x2160p50 03 -> 1920x1200p60 04 -> 1920x1080p60 05 -> 1920x1080p50 06 -> 1600x1200p60 07 -> 1400x1050p60 08 -> 1366x768p60 09 -> 1360x768p60 10 -> 1280x1024p60 11 -> 1280x768p60 12 -> 1280x768p60 13 -> 1280x720p60 14 -> 1024x768p60
Output2_Resolution_Select	ANALOG	
Output3_Resolution_Select	ANALOG	
Output4_Resolution_Select	ANALOG	

Output1_Bezel_Up	ANALOG	In splicing mode, the output port X frame (up, down, left, and right) adjustment: Up -> 0(min)~100(max) Down -> 0(min)~100(max) Left -> 0(min)~100(max) Right -> 0(min)~100(max)
Output1_Bezel_Down	ANALOG	
Output1_Bezel_Left	ANALOG	
Output1_Bezel_Right	ANALOG	
Output2_Bezel_Up	ANALOG	
Output2_Bezel_Down	ANALOG	
Output2_Bezel_Left	ANALOG	
Output2_Bezel_Right	ANALOG	
Output3_Bezel_Up	ANALOG	
Output3_Bezel_Down	ANALOG	
Output3_Bezel_Left	ANALOG	
Output3_Bezel_Right	ANALOG	
Output4_Bezel_Up	ANALOG	
Output4_Bezel_Down	ANALOG	
Output4_Bezel_Left	ANALOG	
Output4_Bezel_Right	ANALOG	

Output

The module has the following commands that can be used as feedback output:

Name	Type	Explanation
Dev_TX	SERIAL	Equipment control command issuance
Cancel_Output1_Splice_FB	DIGITAL	Output port X cancel splicing mode feedback: 0 -> Non-spliced mode 1 -> Splicing mode
Cancel_Output2_Splice_FB		
Cancel_Output3_Splice_FB		
Cancel_Output4_Splice_FB		

Splice_Mode_Select_FB	ANALOG	<p>video wall mode feedback:</p> <p>0 -> 1X1</p> <p>1 -> 1X2(H)</p> <p>2 -> 1X3(H)</p> <p>3 -> 1X4(H)</p> <p>4 -> 2X1</p> <p>5 -> 3X1</p> <p>6 -> 4X1</p> <p>7 -> 2X2</p>
Output1_Singal_Select_FB	ANALOG	<p>Output port X to select the video input source feedback:</p> <p>1 -> Input 1</p> <p>2 -> Input 2</p>
Output2_Singal_Select_FB	ANALOG	
Output3_Singal_Select_FB	ANALOG	
Output4_Singal_Select_FB	ANALOG	
Main_Loop_Signal_Select_FB	ANALOG	<p>Main loop output select the video input source feedback:</p> <p>1 -> Input 1</p> <p>2 -> Input 2</p>
Audio_Output_Signal_Select_FB	ANALOG	<p>Audio output select the input source feedback:</p> <p>1 -> Input 1</p> <p>2 -> Input 2</p>
Output1_Video_Type_FB	ANALOG	<p>Output port X select output type feedback:</p> <p>1 -> HDMI</p> <p>2 -> DVI</p>
Output2_Video_Type_FB	ANALOG	
Output3_Video_Type_FB	ANALOG	
Output4_Video_Type_FB	ANALOG	
Output1_Resolution_Select_FB	ANALOG	<p>Output port X select output resolution feedback:</p> <p>1 -> 3840x2160p60</p> <p>2 -> 3840x2160p50</p> <p>3 -> 1920x1200p60</p> <p>4 -> 1920x1080p60</p> <p>5 -> 1920x1080p50</p> <p>6 -> 1600x1200p60</p> <p>7 -> 1400x1050p60</p> <p>8 -> 1366x768p60</p> <p>9 -> 1360x768p60</p>
Output2_Resolution_Select_FB	ANALOG	
Output3_Resolution_Select_FB	ANALOG	
Output4_Resolution_Select_FB	ANALOG	

		<p>10 -> 1280x1024p60</p> <p>11 -> 1280x768p60</p> <p>12 -> 1280x768p60</p> <p>13 -> 1280x720p60</p> <p>14 -> 1024x768p60</p>
Output1_Bezel_Up_FB	ANALOG	<p>In splicing mode, the output port X frame (up, down, left, and right) adjustment feedback:</p> <p>Up -> 0(min)~100(max)</p> <p>Down -> 0(min)~100(max)</p> <p>Left -> 0(min)~100(max)</p> <p>Right -> 0 (min)~100(max)</p>
Output1_Bezel_Down_FB	ANALOG	
Output1_Bezel_Left_FB	ANALOG	
Output1_Bezel_Right_FB	ANALOG	
Output2_Bezel_Up_FB	ANALOG	
Output2_Bezel_Down_FB	ANALOG	
Output2_Bezel_Left_FB	ANALOG	
Output2_Bezel_Right_FB	ANALOG	
Output3_Bezel_Up_FB	ANALOG	
Output3_Bezel_Down_FB	ANALOG	
Output3_Bezel_Left_FB	ANALOG	
Output3_Bezel_Right_FB	ANALOG	
Output4_Bezel_Up_FB	ANALOG	
Output4_Bezel_Down_FB	ANALOG	
Output4_Bezel_Left_FB	ANALOG	
Output4_Bezel_Right_FB	ANALOG	