



**Crestron Module Documentation**  
**for an**

*Atlona AT-HDVS-300*

## General Information

<i>Module Name:</i>	<i>Atlona_HDVS-300_Module_Rev01.umc</i>
<i>Version:</i>	<i>Rev-01</i>
<i>Summary:</i>	<i>This module controls switching (AV &amp; USB), CEC and RS232 pass-thru for the Atlona HDVS-300.</i>
<i>Notes:</i>	<i>This module provides support for sending RS232 data from the HDVS-300-RX RS232 port. The configuration of this port must be configured in the parameter section of this module and not the WebGUI as the module will overwrite the configuration.</i>

## Parameters

<i>Parameter Name</i>	<i>Description</i>
<i>BaudRate</i>	<i>Sets the baud rate for the RS232 interface of the HDVS-300-RX</i>
<i>DataBits</i>	<i>Sets the data bits for the RS232 interface of the HDVS-300-RX</i>
<i>Parity</i>	<i>Sets the parity for the RS232 interface of the HDVS-300-RX</i>
<i>StopBits</i>	<i>Sets the stop bits for the RS232 Interface of the HDVS-300-RX</i>
<i>Telnet Username</i>	<i>Specifies the login username. Only required if login mode has been enabled in the WebGUI of the HDVS-300. Default is root.</i>
<i>Telnet Password</i>	<i>Specifies the login password. Only required if login mode has been enabled in the WebGUI of the HDVS-300. Default is Atlona.</i>

## Control

<i>Signal Name</i>	<i>Description</i>
<i>Input_HDMI_1</i>	<i>Pulse to select HDMI 1</i>
<i>Input_HDMI_2</i>	<i>Pulse to select HDMI 2</i>
<i>Input_VGA</i>	<i>Pulse to select VGA</i>
<i>Input_DisplayPort</i>	<i>Pulse to select DisplayPort</i>
<i>Input_HDMI_5</i>	<i>Pulse to select HDMI 5 (on HDVS-300-RX)</i>
<i>Input_Direct</i>	<i>Set to value 1~5 to represent the input to be sent to the output</i>
<i>USB_Host_1</i>	<i>Pulse to select USB Host 1</i>
<i>USB_Host_2</i>	<i>Pulse to select USB Host 2</i>
<i>USB_Host_3</i>	<i>Pulse to select USB Host 3 (on HDVS-300-RX)</i>
<i>USB_follows_Video</i>	<i>Pulse to have USB host follow the video input (see user manual for description)</i>
<i>Send_CEC_On</i>	<i>Pulse to send the CEC On command.</i>
<i>Send_CEC_Off</i>	<i>Pulse to send the CEC Off command</i>
<i>RS232_Direct_TX\$</i>	<i>Allows for sending RS232 data to the HDVS-300-RX RS232 port.</i>
<i>Polling</i>	<i>Pulse for a quick poll of the HDVS-300. If latched, module will poll every 30 seconds for as long as the signal is held high.</i>
<i>Device_RX\$</i>	<i>Connects to TCP/IP Client receive</i>

## Feedback

<i>Signal Name</i>	<i>Description</i>
<i>Input_HDMI_1_Fb</i>	<i>Input HDMI 1 is selected feedback</i>
<i>Input_HDMI_2_Fb</i>	<i>Input HDMI 2 is selected feedback</i>
<i>Input_VGA_Fb</i>	<i>Input VGA is selected feedback</i>
<i>Input_DisplayPort_Fb</i>	<i>Input DisplayPort is selected feedback</i>
<i>Input_HDMI_5_Fb</i>	<i>Input HDMI 5 is selected feedback</i>
<i>Input_Direct_Fb</i>	<i>Feedback representing the selected input</i>
<i>USB_Host_1_Fb</i>	<i>USB Host 1 is selected feedback</i>
<i>USB_Host_2_Fb</i>	<i>USB Host 2 is selected feedback</i>
<i>USB_Host_3_Fb</i>	<i>USB Host 3 is selected feedback</i>
<i>Send_CEC_On_FB</i>	<i>Momentary feedback indicating that the CEC command was sent.</i>
<i>Send_CEC_Off_Fb</i>	<i>Momentary feedback indicating that the CEC command was sent.</i>
<i>RS232_Direct_RX\$</i>	<i>Allows for sending RS232 data to the HDVS-300-RX RS232 port.</i>
<i>Polling_Busy</i>	<i>Indicates that the module is in the process of polling the HDVS-300</i>
<i>Device_TX\$</i>	<i>Connects to TCP/IP Client Transmit</i>

## *Revision History*

<i>Date</i>	<i>Initials</i>	<i>Comments</i>
<i>August 31 2016</i>	<i>MDS</i>	<i>Initial Release</i>