

**SIMPLWINDOWS NAME:** Aspi Vortex Logic Inputs+Outputs

**CATEGORY:** Conferencing

**VERSION:** 1.0

**SUMMARY:** Allows all of the logic inputs and outputs to be monitored.

**GENERAL NOTES:** The commands used for the Aspi Vortex may be similar to commands used for other Aspi products. Therefore, the same modules developed for the Vortex may work on other Aspi products. To allow for this flexibility of use, you must specify which Aspi model is being controlled using the TYPE-ID-HEX parameter field. This must be a 2 digit hex representation of the model type as defined by Aspi. For the Vortex, the model type is F, therefore the parameter value to use is 46 which is the hex representation of the letter F. This can be seen by checking any standard ASCII chart. There should be no suffix used after the 46.

Multiple devices can be connected to the Aspi bus and controlled from a single RS232 port. Therefore, it is also necessary to enter the Unit ID of the device being controlled. This should be entered in the UNIT-ID-ASCII parameter field as a two digit number from 00-07 with no suffix.

This module allows the automatic reporting of logic input/output states to be enabled/disabled. If the automatic status is disabled, you can use the POLL input to manually poll the status. The state of the logic inputs/outputs will be reflected at the INPUT-\* -ON and OUTPUT-\* -ON outputs.

**CRESTRON HARDWARE REQUIRED:** ST-COM, CNXCOM

**SETUP OF CRESTRON HARDWARE:** Tested and verified at the following settings:

Baud Rate - 9600  
 Parity - None  
 Data Bits - 8  
 Stop Bits - 1

RTS/CTS Handshaking should be enabled to insure no data is lost.

**VENDOR FIRMWARE:** 1.15

**VENDOR SETUP:** Ack mode must be set to "on"

**CABLE NUMBER:** CNSP-141

**CONTROL:**

<b>ENABLE/DISABLE-AUTO-UPDATE</b>	D	Pulse to enable or disable the automatic reporting of the gating status.
<b>POLL</b>	D	Pulse to manually poll the gating status. This should not be needed if automatic reporting has been enabled
<b>FROM-ASPI-PROCESSOR\$</b>	S	Must be routed from the output of the Aspi Vortex Feedback Processor module
<b>TYPE-ID-ASCII</b>	P	Enter 46 for Vortex
<b>UNIT-ID-ASCII</b>	P	Enter the unit number of the Vortex. Should be a number from 00-07

## FEEDBACK:

<b>INPUT-*-ON</b>	D	True feedback indicating which logic inputs are on
<b>OUTPUT-*-ON</b>	D	True feedback indicating which logic outputs are on
<b>ASPI-TX\$</b>	S	Serial signal to be routed to a 2-way RS232 port

<b>OPS USED FOR TESTING:</b>	5.12.26x
<b>COMPILER USED FOR TESTING:</b>	SimplWindows Version 1.61.12
<b>SAMPLE PROGRAM:</b>	Aspi Vortex Demo Program
<b>REVISION HISTORY:</b>	None