

Partner: Honeywell
Model: Vista 128/250FBP 128/250BPE
Device Type: Security



GENERAL INFORMATION

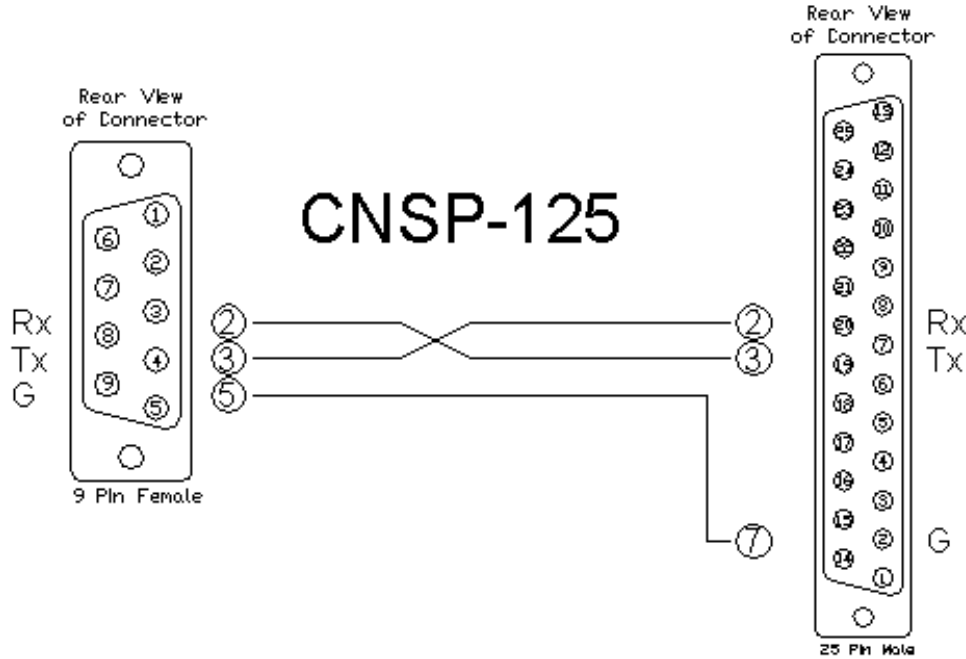
SIMPLWINDOWS NAME:	Honeywell Vista 128FBP+250FBP+128BPE+250BPE Event Log v4.1
CATEGORY:	Security
VERSION:	4.1
SUMMARY:	This module monitors the System Event Notification messages for each of the 250 zones.
GENERAL NOTES:	<p>This module will work with the Honeywell Vista security system. It will monitor the System Event Notification messages received from the Honeywell system. These messages are sent from the Honeywell as soon as each event occurs, such as a zone being opened or closed, so there is no need for polling.</p> <p>The module has 250 analog outputs, one for each zone. The analog value present at each output represents the last event notification received for that zone. An EQU symbol can be used for each zone to be monitored, to determine the last message received. The common EQU values and the corresponding messages are listed below. For a complete list, contact Honeywell. All values below are in HEX.</p> <ul style="list-style-type: none">1 = Fire Alarm2 = Fire Alarm Restore3 = Trouble4 = Trouble Restore5 = Bypass6 = Bypass Restore7 = Arm8 = Disarm11 = Duress12 = Duress Restore21 = Silent22 = Silent Restore27 = Quick Arm29 = Low Battery2A = Low Battery Restore31 = Audible32 = Audible Restore41 = Perimeter42 = Perimeter Restore47 = Partial Arm51 = Interior52 = Interior Restore71 = Day/Night

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	72 = Day/Night Restore C1 = Smoke Alarm C2 = Smoke Alarm Restore C3 = Fire Trouble C4 = Fire Trouble Restore C7 = Fail to Arm C8 = Fail to Disarm F5 = Fault F6 = Fault Restore
CRESTRON HARDWARE REQUIRED:	C2I-COM, C2-COM2, C2-COM3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 1200 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	BPE Rev 4.3
VENDOR SETUP:	<p>The Honeywell system must have the 4100SM RS232 Interface card or the VA8201 Alpha Pager Module installed. The card or module must then be enabled.</p> <p>For both the 4100SM and the VA8201</p> <ol style="list-style-type: none">1) In *05, enter a 1.2) In *14, enter a 1. You will not be able to use a serial printer.3) In 1*73, enter a 0.4) In 1*78, enter a 1.5) In 1*79, enter the following: 1110106) In 3*19, enter a 1. <p>For the VA8201, you will also need to go to 2*30 and enter a 1.</p>
CABLE DIAGRAM:	CNSP-125

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CONTROL:

From_Device\$	S	Serial signal to be routed from a 2-way serial com port.
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FEEDBACK:

Zone_*_Status	A	Analog signals providing the most recently received System Event Notification message for each zone.
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**TESTING:**

OPS USED FOR TESTING:	4.0001.1012
SIMPL WINDOWS USED FOR TESTING:	4.03.20
CRESTRON DB USED FOR TESTING:	54.05.005.00
DEVICE DB USED FOR TESTING:	73.00.001.00
SAMPLE PROGRAM:	Honeywell Vista 128FBP + 250FBP + 128BPE + 250BPE v4.1 Demo
REVISION HISTORY:	<p>V. 2.0 – added new commands included in the version-3 protocol from Honeywell.</p> <p>V. 2.4 – Fixed timing on the keypad emulation module. Also fixed an issue with the character case for some commands. Renamed To_Device\$ outputs.</p> <p>V. 3.0 – Added code to poll for the keypad text when the Vista tells us that the text has changed.</p> <p>V. 3.1 – Fixed an issue with a delimiter in the Zone Decode module.</p> <p>v. 3.1.1 – Fixed an issue where the module would occasionally send a command while it was still receiving data from the Vista. Also addressed changes to the way that keypad text updates are requested.</p> <p>V. 4.0 – Addressed differences in the protocols relating to the way in which the Vista updates the keypad text. Added three additional keypress inputs for each keypad.</p> <p>v. 4.1 – Incorporated 3-series best practices in all Simpl+.</p>