

Partner: Honeywell
Model: Vista Turbo 128-BPT
Device Type: Security



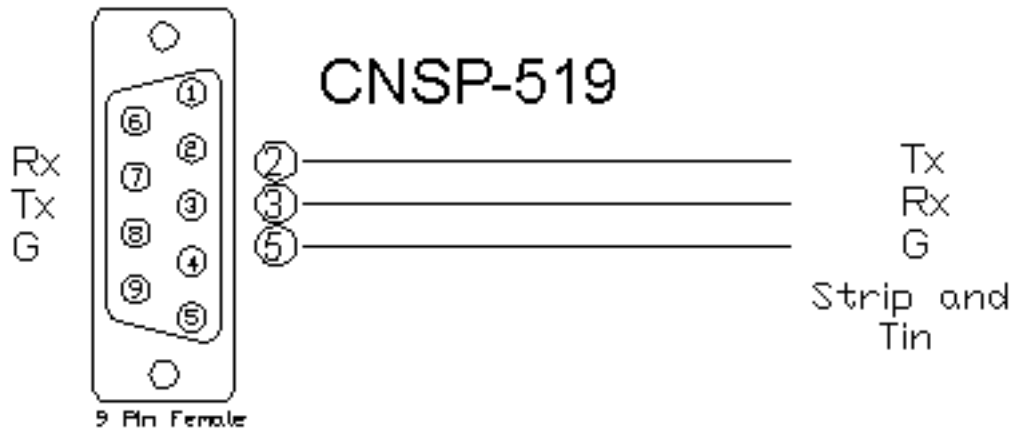
GENERAL INFORMATION

SIMPLWINDOWS NAME:	Honeywell Vista Turbo 128-BPT Keypad All Partitions v1.2
CATEGORY:	Security
VERSION:	1.2
SUMMARY:	This module emulates a Honeywell Keypad.
GENERAL NOTES:	<p>This macro will work with the Honeywell Vista Turbo security system. It allows the Crestron system to act like a Honeywell keypad.</p> <p>This macro also provides feedback including the two lines of text.</p> <p>This module has an input called To_Queue\$. The To_Device\$ outputs of all other Honeywell modules must be connected to this input.</p> <p>This module will update the text outputs only when the text received from the Honeywell changes. If the text received from the Honeywell is the same as the previous text, the outputs will not update. There is an input called Refresh. Pulsing this input will cause the text outputs to update even if the text is the same.</p> <p>NOTE: KEYPAD TEXT IS UPDATED EVERY 7 SECONDS.</p> <p>NOTE: IN ORDER FOR THE KEYPAD FUNCTIONS TO WORK FOR THE DESIRED PARTITION, THERE MUST BE AT LEAST ONE ACTUAL KEYPAD PROGRAMMED FOR THAT PARTITION.</p>
CRESTRON HARDWARE REQUIRED:	C2I-COM, C2-COM2, C2-COM3
SETUP OF CRESTRON HARDWARE:	<p>RS232</p> <p>Baud: 9600</p> <p>Parity: None</p> <p>Data Bits: 8</p> <p>Stop Bits: 1</p>
VENDOR FIRMWARE:	<p>WAVIS128BP-20.1</p> <p>REV 10.1</p>
VENDOR SETUP:	<p>The RS232 cable connects to a screw type connector on the top right corner of the main board.</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: 111010 6) In 3*19, enter a 1.
CABLE DIAGRAM:	CNSP-519

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Rear View of Connector



CONTROL:

Partition_*_Keypad_*	D	Pulse to use the keypad keys for the desired partition.
Refresh	D	Pulse to cause the text outputs to update.
Poll_Partition_*	D	Hold high to poll for keypad text for the desired partition(s).
To_Queue\$	S	Serial signal to be routed from the To_Device\$ outputs of all other Honeywell modules. This is only required when using the keypad emulation portion of this module.
From_Device\$	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Partition_*_Text_Line_*\$	S	Serial signal with the text as it appears on the keypad for the partition.
Partition_*_*_LED_Fb	D	High to indicate that the LEDs are on for the partition.
Partition_*_Back_Light_Fb	D	High to indicate that the keypad's backlight is on.
Partition_*_Back_Light_Mode	A	Analog value to be used for multi mode text displays. Value 0 = backlight off, 1 = backlight on.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port.

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**TESTING:**

OPS USED FOR TESTING:	4.003.0015
SIMPL WINDOWS USED FOR TESTING:	4.03.20
CRESTRON DB USED FOR TESTING:	73.00.001.00
DEVICE DB USED FOR TESTING:	54.05.005.00
SAMPLE PROGRAM:	Honeywell Vista Turbo 128-BPT v1.2 Demo
REVISION HISTORY:	V. 1.0 – Original Release. V. 1.1 – Added the ability to enter the user to the Honeywell Vista Turbo 128-BPT Arm module. V. 1.2 – Incorporated 3-series best practices for processing data from the Honeywell.