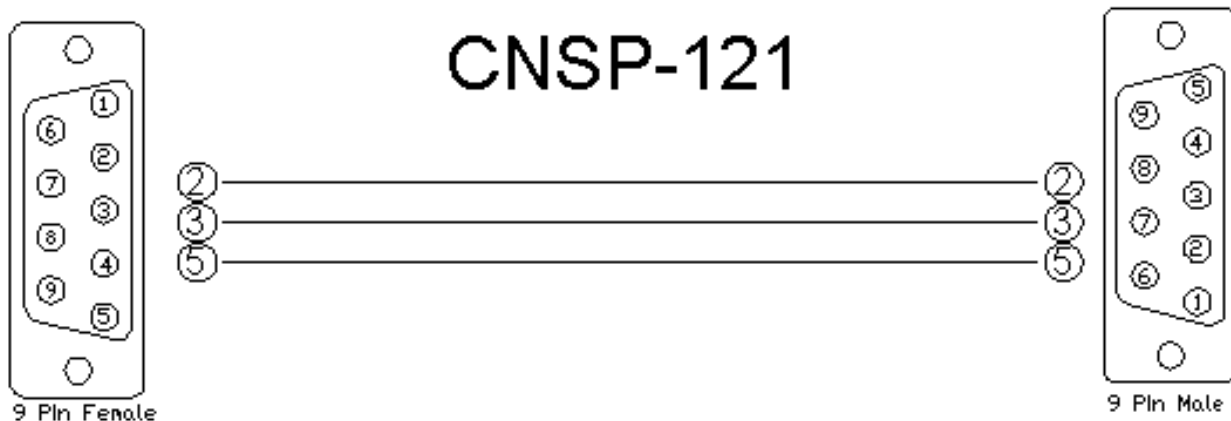


Partner: KDS
Model: KD-HD1080P
Device Type: Video Scaler



GENERAL INFORMATION

SIMPLWINDOWS NAME:	KD-HD1080P.umc
CATEGORY:	Miscellaneous
VERSION:	1.0
SUMMARY:	This module controls all available RS-232 functions for the KD-HD1080P video scaler.
GENERAL NOTES:	This module provides all of the available functionality. The unit must be powered on with an IR command. The module will synchronize itself with the HD1080 5 seconds after the first poll command. If a "1" is assigned to the Poll signal name then this will be 5 seconds after the crestron processor powers up. In order to successfully use this module, one must specify a Refresh rate prior to selecting an Output Resolution. A default Refresh rate of 48 Hz will be set, unless a value is specified for "Refresh_Init". The default Refresh rate is selected in the module only. A command will not be sent to the HD1080 until a Resolution is selected.
CRESTRON HARDWARE REQUIRED:	ST-COM, CNX-COM6, CNXCOM-2, C2-COM6, C2-COM-2, C2-COM-3
SETUP OF CRESTRON HARDWARE:	RS232 Baud Rate: 19200 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	HD Leeza ver.5.5.55
VENDOR SETUP:	



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CONTROL:

Input_*	D	Selects one of the ten inputs.
AR_In_*	D	Selects the aspect ratio for the input.
AR_Out_*	D	Selects the aspect ratio for the output
VGA_Bypass_*	D	On, Off, and Toggle.
Ext_12V_*	D	On, Off, and Toggle.
OSD_*	D	On, Off, and Toggle.
Resolution_*	D	Selects the resolution.
Refresh_*	D	Selects the refresh rate.
SDI_Sync_*	D	Embedded or Separate
Display_*	D	DVI or RGB
Blue_*	D	Increase or Decrease Blue Saturation
Red_*	D	Increase or Decrease Red Saturation
Refresh_Init	A	1d = 48 Hz 2d = 50 Hz 3d = 60 Hz 4d = 72 Hz 5d = 75 Hz
Poll	D	Requests status of device every 63 seconds or on pulse.
From_Device\$	S	Serial signal to be routed from a 2 way serial com port.

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FEEDBACK:

Input*_Fb	D	Input Selected.
AR_In*_Fb	D	Input Aspect Ratio Selected. See input for value key.
AR_Out*_Fb	D	Output Aspect Ratio Selected. See input for value key.
VGA_Bypass*_Fb	D	On or Off
Ext_12V*_Fb	D	On or Off
OSD*_Fb	D	On or Off
Input_Resolution\$	S	Input Resolution detected.
Resolution*_Fb	D	Resolution Selected.
Refresh*_Fb	D	Refresh rate Selected.
SDI_Sync*_Fb	D	SDI Sync Selected.
Display*_Fb	D	Output display Selected.
Blue_Saturation	A	Blue Saturation default value is 0.
Red_Saturation	A	Red Saturation default value is 0.
To_Device\$	S	Serial signal to be routed to a 2 way serial com port.

TESTING:

OPS USED FOR TESTING:	PRO2: 3.088 CNMSX: 5.14.02x
COMPILER USED FOR TESTING:	2.05.17
SAMPLE PROGRAM:	KDS KD-HD1080P PRO2 Demo KDS KD-HD1080P CNMSX Demo
REVISION HISTORY:	V. 1.0 – First release.