

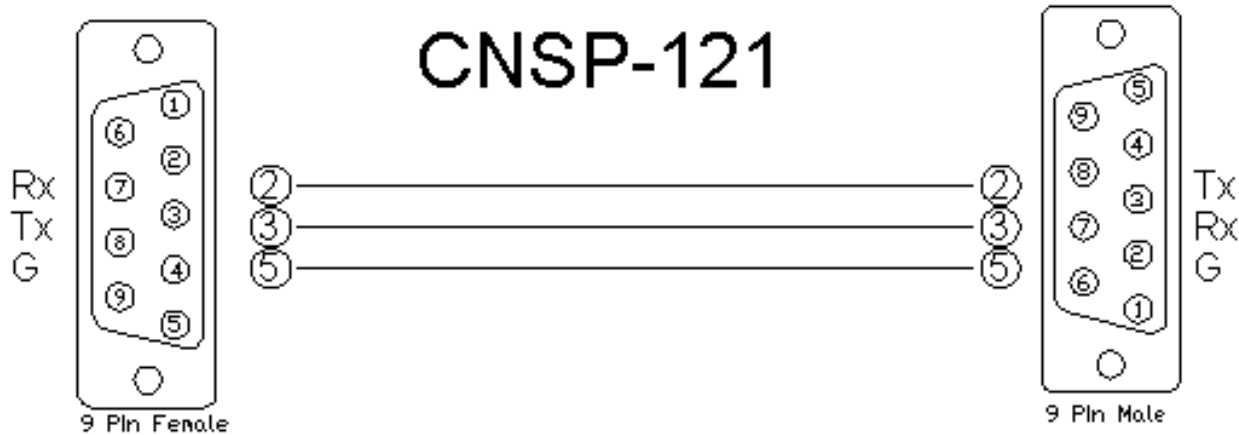
Partner: Digital Projection
Model: iVison HD2
Device Type: Projector



GENERAL INFORMATION

SIMPLWINDOWS NAME:	Digital Projection iVison HD2 Projector
CATEGORY:	Projector
VERSION:	1.0
SUMMARY:	Power, Source Select, Picture Mute, Auto Sync, Aspect Ratio, Contrast, Brightness, Elapsed Lamp Hours.
GENERAL NOTES:	<p>This module will control the Digital Projection iVison H2 projector. True feedback is provided for Power, source selection and elapsed lamp hours. When the appropriate command is sent to the projector, it will acknowledge that the command was processed properly and the corresponding feedback will be reflected at the outputs of this module. Picture settings will only be updated when the appropriate input is selected.</p> <p>Note: Due to limitations in the Vendor's firmware, contrast and brightness adjustment response time will be slower than using the handheld IR remote.</p> <p>When the Poll_Enable input is asserted(Default is High), the projector will be polled every 15 seconds to determine the state of power.</p> <p>If it is desired to poll the projector for picture setting changes made using the IR remote control, or by the controls on the projector itself, you can assert the Poll_Settings input(Default is High). When this input is high, the projector will be polled every 45 seconds to determine the state of input source, brightness, contrast, and elapsed Lamp Hours. Typically, you could enable either polling option when the projector's particular control page is active and displayed on a touch panel. You would then disable polling at other times.</p>
CRESTRON HARDWARE REQUIRED:	C2-COM, ST-COM, CNMSX Internal Com Ports
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 192000 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	v20.04
VENDOR SETUP:	Recommend disabling auto source search
CABLE DIAGRAM:	CNSP-121

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CONTROL:		
Power_On	D	Turn projector on.
Power_Off	D	Turn projector off.
Power_Toggle	D	Toggles the power state of projector.
Input_Video	D	Selects projector's composite video input.
Input_S-Video	D	Selects projector's S-Video input.
Input_VGA	D	Selects projector's computer (VGA) input.
Input_DVI	D	Selects projector's Digital (DVI) input.
Input_YPbPr1	D	Selects projector's Component 1 input.
Input_YPbPr2	D	Selects projector's Component 2 input.
Auto_Sync	D	Pulse to activate projector's auto synchronize mode (Computer)
Picture_Mute_On	D	Activate picture mute (blank the screen).
Picture_Mute_Off	D	Deactivate picture mute (unblank the screen).
Aspect_1to1	D	Selects 1:1 aspect ratio.



Aspect_16-9	D	Selects 16:9 aspect ratio.
Aspect_Anamorphic	D	Selects Anamorphic aspect ratio.
Aspect_Fill AR	D	Selects Fill aspect Ratio.
Aspect_Fill All	D	Selects Fill All aspect ratio.
Contrast_Up/Down	D	Adjusts display's contrast level up/down.
Brightness_Up/Down	D	Adjusts display's brightness level up/down.
Poll_Enable	D	When high, projector will be polled for power status every 15 seconds (Default is High).
Poll_Settings	D	When high, projector will be polled for its picture settings and elapsed lamp hours every 45 seconds (Default is High).
From_Device\$	S	Serial data signal to be routed from a 2-way Com Port.

FEEDBACK:

Power_On/Off	D	True feedback indicating current power state.
Input_*_FB	D	True feedback indicating current selected input source.
*_Analog	A	Analog value of picture levels to be sent to a bar graph.
Lamp_Hours	A	Decimal value indicating elapsed lamp hours.
To_Device\$	S	Serial data signal to be routed to a 2-way Com Port.

TESTING:

OPS USED FOR TESTING:	X-GEN SERIES OPS USED FOR TESTING: 5.12.63 2 SERIES OPS USED FOR TESTING: 3.088
SIMPLWINDOWS USED FOR TESTING:	2.05.12
SAMPLE PROGRAM:	Digital Projection iVision HD2 Demo Pro2
REVISION HISTORY:	None