

Partner: DVDO
Model: iScan VP50
Device Type: HD Video Processor and Hub



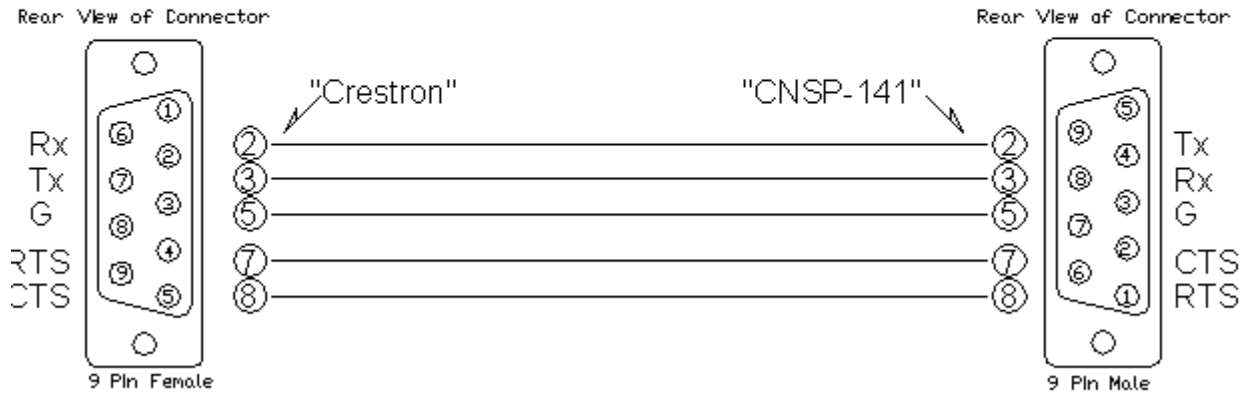
GENERAL INFORMATION

SIMPLWINDOWS NAME:	DVDO iScan VP50
CATEGORY:	Miscellaneous
VERSION:	1.0
SUMMARY:	This module controls most of the functions of the DVDO iScan VP50 HD Video Processor and Hub.
GENERAL NOTES:	This module controls most of the functions of the DVDO iScan VP50 HD Video Processor and Hub. This module uses solicited feedback. Initiate solicited feedback approximately every 2 seconds by putting a "1" on the signal named poll_enable. Note: Error Feedback is provided.
CRESTRON HARDWARE REQUIRED:	CNX-COM, C2-COM, ST-COM
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 19,200 Parity: N Data Bits: 8 Stop Bits: 1 Hardware Flow Control (RTS/CTS)
VENDOR FIRMWARE:	VP50-1.04
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-141

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CNSP-141



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CONTROL:

Power_On/Off/Toggle	D	Pulse for power states
Input_*	D	Pulse for each input
Auto_Input_Select_On/Off/Toggle	D	Pulse for auto input
Curtain_Open/Close	D	Pulse for curtain close (a 'curtain' over the image)
Menu	D	Pulse for Menu
Left	D	Pulse for OSD navigation
Right	D	Pulse for OSD navigation
Up	D	Pulse for OSD navigation
Down	D	Pulse for OSD navigation
Enter	D	Pulse for OSD enter key
Exit	D	Pulse for OSD exit key
Frame_Aspect_Ratio_*	D	Pulse for Frame Aspect Ratio
Active_Aspect_Ratio_*	D	Pulse for Active Aspect Ratio
Recall_Preset_*	D	Pulse for preset recall
Save_Preset_*	D	Pulse for preset save
Recall_Display_Profile_*	D	Pulse for display recall
Save_Display_Profile_*	D	Pulse for display save
Audio_Input_*	D	Pulse for audio input
Horizontal_Zoom_Up	D	Pulse for H. Zoom up
Horizontal_Zoom_Down	D	Pulse for H. Zoom down
Vertical_Zoom_Up	D	Pulse for V. Zoom up

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Vertical_Zoom_Down	D	Pulse for V. Zoom down
Set_Zoom_to_Zero	D	Pulse to set default zoom levels to 0 (no zoom)
Poll_Enable	D	Pulse to enable solicited feedback every 2 seconds
From_Device\$	S	Serial signal to be routed from a 2-way serial com port

FEEDBACK:

Power_*_Fb	D	Digital feedback representing power state
Input_*_Fb	D	Digital feedback representing input state
Auto_Input_Select_*_Fb	D	Digital feedback representing auto input state
Frame_Aspect_Ratio_Fb	D	Digital feedback representing frame aspect ratio state
Active_Aspect_Ratio_Fb	D	Digital feedback representing active aspect ratio state
Recall_Preset_*_Fb	D	Digital feedback representing recall preset state
Recall_Display_Profile_*_Fb	D	Digital feedback representing recall display state
Audio_Input_*_Fb	D	Digital feedback representing audio input state
Horizontal_Zoom_Value\$	S	Serial string with current Horizontal Zoom value.
Vertical_Zoom_Value\$	S	Serial string with current Vertical Zoom value.
To_Device\$	S	Serial signal to be routed to a 2-way serial com port

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**TESTING:**

OPS USED FOR TESTING:	PRO2 Cntrl Eng [v3.155.1240]
SIMPL WINDOWS USED FOR TESTING:	SIMPL 2.08.38
CRES DB USED FOR TESTING:	18.7.8
SYMBOL LIBRARY USED FOR TESTING:	472
SAMPLE PROGRAM:	DVDO iScan VP50 v1.0 Demo
REVISION HISTORY:	None