

**Partner: DVDO**  
**Model: iScan VP30**  
**Device Type: HD Video Processor and Hub**



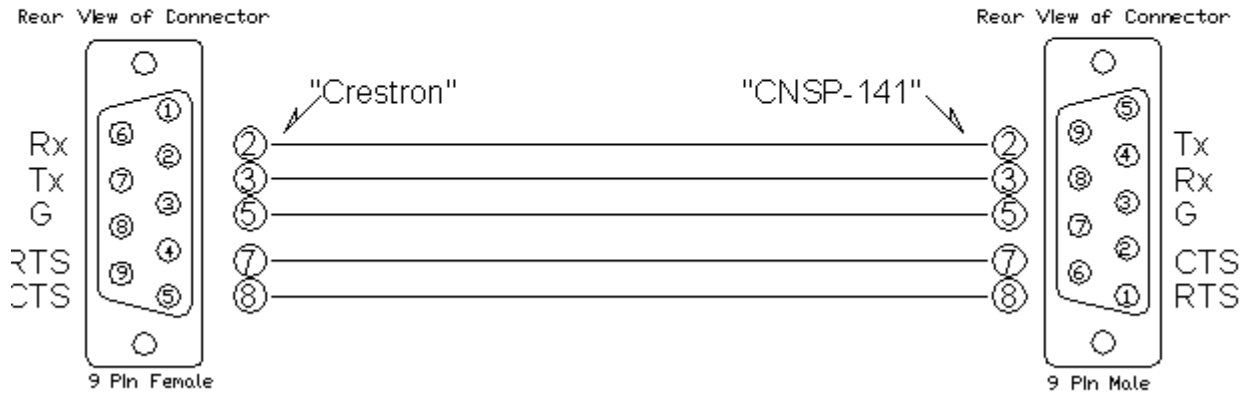
## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	DVDO iScan VP30
<b>CATEGORY:</b>	Miscellaneous
<b>VERSION:</b>	1.0
<b>SUMMARY:</b>	This module controls most of the functions of the DVDO iScan VP30 HD Video Processor and Hub.
<b>GENERAL NOTES:</b>	This module controls most of the functions of the DVDO iScan VP30 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. <b>Note:</b> Error Feedback is provided.
<b>CRESTRON HARDWARE REQUIRED:</b>	CNX-COM, C2-COM, ST-COM
<b>SETUP OF CRESTRON HARDWARE:</b>	RS232 Baud: 19,200 Parity: N Data Bits: 8 Stop Bits: 1 Hardware Flow Control (RTS/CTS)
<b>VENDOR FIRMWARE:</b>	VP30-1.10
<b>VENDOR SETUP:</b>	None
<b>CABLE DIAGRAM:</b>	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_Pan_Up	D	Pulse for H. Pan up
Horizontal_Pan_Down	D	Pulse for H. Pan down
Vertical_Pan_Up	D	Pulse for V. Pan up

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Vertical_Pan_Down	D	Pulse for V. Pan down
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
Vertical_Zoom_Down	D	Pulse for V. Zoom down
Set_Pan_and_Zoom_to_Zero	D	Pulse to set default pan and zoom levels to 0 (no pan, 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_Pan_Value_Scaled	A	Analog value for Pan level to be displayed on a touch panel gauge
Vertical_Pan_Value_Scaled	A	Analog value for Pan level to be displayed on a touch panel gauge
Horizontal_Zoom_Value_Scaled	A	Analog value for Zoom level to be displayed on a touch panel gauge
Vertical_Zoom_Value_Scaled	A	Analog value for Zoom level to be displayed on a touch panel gauge
To_Device\$	S	Serial signal to be routed to a 2-way serial com port

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**TESTING:**

<b>OPS USED FOR TESTING:</b>	PRO2 Cntrl Eng [v3.155.1240]
<b>SIMPL WINDOWS USED FOR TESTING:</b>	SIMPL 2.08.38
<b>CRES DB USED FOR TESTING:</b>	18.7.8
<b>SYMBOL LIBRARY USED FOR TESTING:</b>	472
<b>SAMPLE PROGRAM:</b>	DVDO iScan VP30 v1.0 Demo
<b>REVISION HISTORY:</b>	None