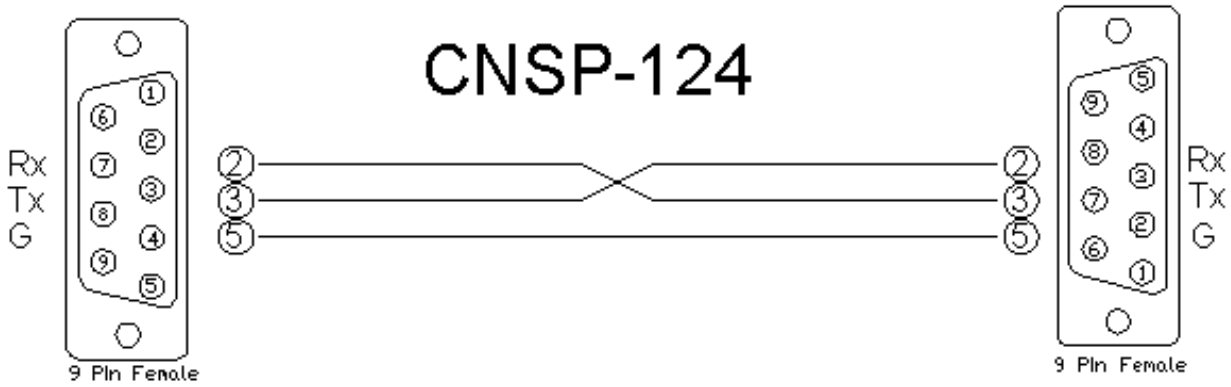
Partner: WolfVision
Model: Eye-12+VZ-9P/C32/C12-II
Device Type: Document Camera

GENERAL INFORMATION

SIMPLWINDOWS NAME:	WolfVision Document Cameras Serial v1.0
CATEGORY:	Camera
VERSION:	1.0
SUMMARY:	This module provides serial control of the WolfVision Document Cameras.
GENERAL NOTES:	This module provides serial control of the WolfVision Eye-12. It should also control the VZ-9P with serial number #1008068 and higher, the VZ-C12-II with serial number #1009412, and the VZ-C32 with serial number #1011797 and higher. THIS MODULE IS FOR 2-SERIES PROCESSORS ONLY.
CRESTRON HARDWARE REQUIRED:	C2I-COM*, C2COM-2/3
SETUP OF CRESTRON HARDWARE:	RS232 Baud: 115200 Parity: None Data Bits: 8 Stop Bits: 1
VENDOR FIRMWARE:	N/A
VENDOR SETUP:	None
CABLE DIAGRAM:	CNSP-124



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CONTROL:

Power_<On/Off/Toggle>	D	Pulse to turn the document camera on and off.
Zoom_<Wide/Tele>	D	Press and hold to adjust the camera's zoom. Once zoomed all the way in, releasing and pressing the Zoom_Tele again will cause the camera to zoom in farther using the digital zoom.
Focus_<Near/Far>	D	Press and hold to adjust the camera's focus.
Auto_Focus_<On/Off/Toggle>	D	Pulse to turn the auto focus on and off.
Iris_<Open/Close>	D	Press and hold to adjust the camera's iris.
Auto_Iris_<On/Off/Toggle>	D	Pulse to turn the auto iris on and off.
Iris_Priority_<Auto/Manual/Toggle>	D	Pulse to set the iris priority to auto or manual.
Image_Rotation_Off	D	Pulse to turn the image rotation off.
Image_Rotation_Cycle	D	Pulse to cycle through the image rotation settings, -90, 180, +90 and off.
Light_*	D	Pulse to turn the light, lightbox and slidebox on and off.
Lampchange	D	Pulse to allow a lamp change.
Reset_Lamp_<1/2>_Hours	D	Pulse to reset the lamp hours for the desired lamp.
Lamp_Voltage_*	D	Pulse to set the lamp voltage to the desired light level.
Recall_Preset_*	D	Pulse to recall a camera preset. Presets 1, 2, and 3 can be set using the Store_Preset_<1/2/3> inputs.
Store_Preset_<1/2/3>	D	Pulse to store the current camera settings in the desired preset.
Freeze_<On/Off/Toggle>	D	Pulse to turn the freeze function on and off.
Recall_Stored_Image_<1..9>	D	Pulse to recall the store image.
Memory_Off	D	Pulse to turn the recalled image off.
Show_All_<On/Off/Toggle>	D	Pulse to turn the show all images on and off.
Store_Image_<1..9>	D	Pulse to store the current image in the desired memory location.
Erase_All_Images	D	Pulse to erase all images.

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Poll_Enable	D	Set high to enable polling for status.
From_Device	S	Serial signal to be routed from a 2-way serial com port.

FEEDBACK:

Power_Is_<On/Off>	D	High to indicate the current power status.
Zoom_Position_Gauge	A	Analog signal indicating the current zoom position. To be displayed using a gauge on a touch panel.
Digital_Zoom_Position_Gauge	A	Analog signal indicating the current digital zoom position. To be displayed using a gauge on a touch panel.
Focus_Position_Gauge	A	Analog signal indicating the current focus position. To be displayed using a gauge on a touch panel.
Auto_Focus_Is_<On/Off>	D	High to indicate the current auto focus state.
Iris_Position_Gauge	A	Analog signal indicating the current iris position. To be displayed using a gauge on a touch panel.
Auto_Iris_Is_<On/Off>	D	High to indicate the current auto iris state.
Iris_Priority_Is_<Auto/Manual>	D	High to indicate the current iris priority state.
Freeze_Is_<On/Off>	D	High to indicate the current freeze state.
Show_All_Is_<On/Off>	D	High to indicate the current show all state.
To_Device	S	Serial signal to be routed to a 2-way serial com port.

TESTING:

OPS USED FOR TESTING:	4.001.1012
SIMPL WINDOWS USED FOR TESTING:	2.11.27
CRESTRON DB USED FOR TESTING:	20.08.003.00
DEVICE DB USED FOR TESTING:	22.06.003.00
SAMPLE PROGRAM:	WolfVision Document Cameras Serial v1.0 Demo PRO2.smw
REVISION HISTORY:	V. 1.0 – Original release.

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