

SIMPLWINDOWS NAME: Tandberg Vision 2000 Camera Control module

CATEGORY: Codec

VERSION: 1.0

SUMMARY: Controls all near and far end camera functions

GENERAL NOTES: This module will send all camera control commands to the Tandberg codec. You must first choose a camera to be controlled with the NEAR-END-CAMERA or FAR-END-CAMERA inputs. Then all the controls will operate on that camera. Storing a preset is a three step process:

1. Move the camera to the desired position
2. Press SET-PRESET (SET-PRESET-FB will go high)
3. Press the preset to save the location to.

CRESTRON HARDWARE: ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 1

VENDOR FIRMWARE: Tested with Software version B3.1

VENDOR SETUP: Use Data Port 1 to communicate with the Crestron system. The Tandberg codec should have data port 1 set to "control mode"

CABLE NUMBER: CNSP-121

CONTROL:

NEAR-END-CAMERA	D	Pulse to select the near end camera for control
FAR-END-CAMERA	D	Pulse to select the far end camera for control
LEFT	D	Camera will move left for as long as this input is high
RIGHT	D	Camera will move right for as long as this input is high
UP	D	Camera will move up for as long as this input is high
DOWN	D	Camera will move down for as long as this input is high
ZOOM-IN	D	Camera will zoom in for as long as this input is high
ZOOM-OUT	D	Camera will zoom out for as long as this input is high
FOCUS-IN	D	Camera will focus in for as long as this input is high
FOCUS-OUT	D	Camera will focus out for as long as this input is high
PRESET-1-10	D	Select the preset to store/recall
SET-PRESET	D	Place the system into save mode. If a preset is pressed while in save mode, that location will be stored.
HOME	D	Send the camera to it's home (centered) position
TANDBERG-RX\$	S	Serial data string to be routed from a 2-way RS232 com port

FEEDBACK:

NEAR-END-CAMERA-FB	D	High while the near end camera control is selected
FAR-END-CAMERA-FB	D	High while the far end camera control is active
PRESET-1-10-FB	D	Real feedback indicating which preset was last chosen
SET-PRESET-FB	D	High while the system is in save mode
TANDBERG-TX\$	S	Serial data string to be routed to a 2-way RS232 com port

OPS USED FOR TESTING:	3.18.01
COMPILER USED FOR TESTING:	SimplWindows Version 1.20.04
SAMPLE PROGRAM:	TANDTSTD
REVISION HISTORY:	None