

SIMPLWINDOWS NAME: VTEL Camera Controls

CATEGORY: Conferencing

VERSION: None

SUMMARY: Controls all available camera functions on both near and far ends

GENERAL NOTES: This module should work with the following VTEL codec models - TC1000, TC2000, LC3000, LC3200, LC5000. They should have ESA Version 2.0 or later software loaded. All testing at Crestron was performed using a LC3000 with ESA Version 2.0 loaded.

The Crestron control system uses the port that would normally be used by the VTEL tablet.

In a dual monitor system, video output 1 will show the near end video being sent, and allow previewing of the PC and PEN-PAL. Video outputs 2 and 3 will show the far end video, and the PIP (if turned on) will show the video currently being sent to the far end.

In a single monitor system, video output 1 will show the far end video, and allow previewing of the PC and the PEN-PAL. The PIP, if turned on, will show the video currently being sent to the far end.

This module allows control of the currently selected near or far end camera. You must first choose the camera to control using the NEAR-CAMERA or REMOTE-CAMERA inputs. The controls will then operate on that camera. Note that iris controls will only work on the near end camera.

There are six presets available for the near end camera, and six available for the far end camera. These are separate sets of presets. Therefore, the presets you set on your near end camera will be different from the presets which a far end would set on your near end camera.

After selecting a preset, you should wait until the camera has stopped moving before selecting another preset. Otherwise the camera may go to the incorrect position.

CRESTRON HARDWARE REQUIRED: ST-COM, CNXCOM

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

VENDOR FIRMWARE: ESA Version 2.0 or later

VENDOR SETUP: Command touch must be loaded. This is done as follows:

1. Choose the Set Configuration Menu under the Show Tools Toolbar.
2. Choose Launch Advanced Configuration Program.
3. Scroll the menu bar over, and select Pointing Devices.
4. Select the VTEL Command Touch box
5. Select No Tablet
6. Choose Finish. You will be prompted to reboot the codec.

CABLE NUMBER: CNSP-124

CONTROL:

NEAR-CAMERA	D	Selects the near end camera for control
REMOTE-CAMERA	D	Selects the far end camera for control
LEFT, RIGHT, UP, DOWN	D	Pan/tilt controls
ZOOM-IN, ZOOM-OUT	D	Zoom controls
FOCUS-IN, FOCUS-OUT	D	Focus controls
IRIS-OPEN-(NEAR-ONLY)	D	Iris open, Functions only on the near end camera
IRIS-CLOSE-(NEAR-ONLY)	D	Iris close. Functions only on the near end camera
PRESET-1-6	D	Selects presets 1-6
SET-PRESET	D	Press before selecting presets 1-6 to store the current location to a preset

FEEDBACK:

NEAR-CAMERA-FB	D	Indicates the near end camera is currently selected for control
REMOTE-CAMERA-FB	D	Indicates the far end camera is currently selected for control
PRESET-1-6-FB	D	Indicates the last preset selected from the Crestron system
VTEL-TX\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	3.18.06, 5.01.29x
COMPILER USED FOR TESTING:	SimplWindows Version 1.21.00
SAMPLE PROGRAM:	VTELTSTA
REVISION HISTORY:	None