

SIMPLWINDOWS NAME: Sony PCS-5100 Camera Control

CATEGORY: Video Conference

VERSION: 1.0

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

GENERAL NOTES: This module will control a Sony PCS-5100 Video Codec. The same set of commands should also control a PCS-5000 and a PCS-3000, although some functions may only be supported on the PCS-5100.

Before performing any control of the codec, you must first establish communications with it. This is done by turning RS232 on using the S5K-INI module.

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.

CRESTRON HARDWARE: ST-COM, CNXCOM

SETUP OF CRESTRON HARDWARE: Baud Rate - 9600
Parity - None
Data Bits - 8
Stop Bits - 2

VENDOR FIRMWARE: Tested with 4.0, however 5.0 is needed for full functionality

VENDOR SETUP: The codec must be taken out of standby (power on) before communications can be initiated. This can only be done with the Sony Infrared remote control, or using a CNIR port and CNIRP from the Crestron system.

Depending on the options installed/enabled on the Sony system, some functions may or may not be available

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
FOCUS-AUTO	D	Activate auto focus.
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
AUTOTRACK-*	D	Activate autotrack functions on Sony camera

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
SONY-TX\$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	5.02.22x, 3.18.06
COMPILER USED FOR TESTING:	SimplWindows Version 1.21.04
SAMPLE PROGRAM:	S5K-TST
REVISION HISTORY:	None