

SIMPLWINDOWS NAME: Telemetry Camera Controller (CP-RMR-S)

CATEGORY: Camera

VERSION: 1.0

SUMMARY: Allows up to 4 cameras to be controlled

GENERAL NOTES: This module will control a Telemetry CP-RMR-S camera control unit. This unit supports control of up to 4 cameras. To use this module, you first select the camera to control, then use the up/down/left/right/etc. to control the camera. For each camera you will have access to store/recall 16 presets. To store a preset, do the following:

1. Move the camera to the desired position
2. Press the Preset_Save input...Preset_Save_Fb will go high
3. Press the preset to store the location into

This module allows you to pick the speed of the camera movement. You can choose slow/medium/fast or auto. If Auto is selected, the camera will start moving at the slow speed, one second later, it will increase to medium speed, one second later, it will increase to fast speed.

This module also has inputs for use with the Crestron CPC-2000 Joystick Controller. These inputs can be connected directly to the corresponding outputs of the CPC-2000 object. If these inputs are not being used, they should have a dummy signal name placed on them. Do not define these inputs with 0, as this will cause undesired operation.

This module can either be used directly with the CP-RMR-S, or it can be used in conjunction with the Telemetry Serial Switch (TM-STS).

CRESTRON HARDWARE REQUIRED: ST-COM
CNXCOM

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

VENDOR FIRMWARE: None

VENDOR SETUP: None

CABLE NUMBER: CNSP-121

CONTROL:

| | | |
|---------------------------|---|--|
| CAMERA_1-4 | D | Pulse to select the camera to control. |
| SPEED_* | D | Pulse to select the speed to use |
| UP/DOWN/LEFT/RIGHT | D | Press and hold to activate the pan/tilt functions |
| ZOOM_IN/OUT | D | Press and hold to zoom in/out |
| FOCUS_IN/OUT | D | Press and hold to focus in/out |
| PRESET_1-16 | D | Pulse to select a preset to store/recall. |
| PRESET_SAVE | D | Pulse to activate preset save mode. If a preset is pulsed while save mode is active, the current position will be stored into that location. |

| | | |
|-------------------|---|--|
| *_JOYSTICK | A | Connect to the corresponding output of a CPC-2000 camera controller. If not being used, attach a dummy signal name to these inputs |
| *_SPEED | A | Connect to the corresponding output of a CPC-2000 camera controller. If not being used, attach a dummy signal name to these inputs |

FEEDBACK:

| | | |
|----------------------|---|--|
| CAMERA_1-4_FB | D | Indicates which camera has been selected for control |
| SPEED_*_FB | D | Indicates which speed has been selected |
| PRESET_*_FB | D | Indicates the last preset selected for each camera. |
| TO_DEVICE\$ | S | Serial signal to be routed to a com port |

| | |
|-----------------------------------|-------------------------------|
| OPS USED FOR TESTING: | 5.12.63x.upz |
| COMPILER USED FOR TESTING: | SimplWindows Version 1.61.13 |
| SAMPLE PROGRAM: | Telemetry Camera Control Demo |
| REVISION HISTORY: | None |