

**SIMPLWINDOWS NAME:** Telemetrics Serial Transfer Switch (TM-STS)

**CATEGORY:** Camera

**VERSION:** 1.0

**SUMMARY:** Performs RS232 routing to multiple camera controller units

**GENERAL NOTES:** This module controls a Telemetrics TM-STS serial switch. This device is typically used in conjunction with a Telemetrics camera control system. The switch allows either a Telemetrics controller or a Crestron controller to take control of a camera control unit such as the Telemetrics CP-RMR-S. Each CP-RMR-S unit can control up to 4 cameras. You could also have multiple CP-RMR-S units connected to the TM-STS which would allow more than 4 cameras to be controlled from a single Crestron or Telemetrics controller.

Each port on the switch has a number from 1 to 12. So to use this module, you first specify which port number you want to be connected to. Then you specify what action you would like to perform. Typically you would simply want to "switch" to the desired port, but you also have the option of switching to and locking a port, unlocking a port, etc.

After you select the port number and action, you pulse the Take input to perform the action.

**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:

<b>PORT_1-12</b>	D	Pulse to specify which port to connect to
<b>SELECT_PORT</b>	D	Pulse to specify the "connect" action
<b>SELECT_PORT_AND_LOCK</b>	D	Pulse to specify the "connect and lockout others" action
<b>UNLOCK_PORT</b>	D	Pulse to specify to clear an existing lockout action
<b>LOCKOUT_PORT</b>	D	Pulse to specify the "Lockout port" action
<b>UNLOCKOUT_PORT</b>	D	Pulse to specify to clear an existing lockout option
<b>UNIT_ID(0D-255D)</b>	P	Used to specify the unit id of the serial switch you are communicating with. This is set with DIP switches on the Telemetrics system.

## FEEDBACK:

<b>TO_DEVICES\$</b>	S	Serial signal to be routed to a com port
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**OPS USED FOR TESTING:** 5.12.63x.upz  
**COMPILER USED FOR TESTING:** SimplWindows Version 1.61.13  
**SAMPLE PROGRAM:** Telemetrys Camera Control Demo  
**REVISION HISTORY:** None