SIMPLWINDOWS NAME:	Polycom (PictureTel) iPower Video Switching
CATEGORY:	Conferencing
VERSION:	1.0
SUMMARY:	Control Video switching and send graphics
GENERAL NOTES:	The intention of this module is to provide switching functions. The AUX camera can be set up a people source or as a content source. Use the appropriate input on this module to select the aux camera. The AUX camera must be set using the Administrator tools program on the Polycom.

True feedback is provided indicating the currently transitted source(s). Some inconsistencies have been found when selecting and exiting from the Windows Desktop (Win-TOT) mode, while a call is not in progress. When a call is in progress, all switching and feedback appear to work correctly. |
CRESTRON HARDWARE:	CNXCOM-2 ST-COM
SETUP OF CRESTRON HARDWARE:	Baud Rate - 9600 Parity - Odd Data Bits - 8 Stop Bits - 1
VENDOR FIRMWARE:	iPower 900 Series - 4.0.2.520 iPower 9000 Series - 4.2.0.1009
VENDOR SETUP:	The Polycom system has 2 DB-9 serial ports. YOU MUST USE PORT 1 TO COMMUNICATE FROM CRESTRON TO POLYCOM.

Also, you must enable external control as follows:

1. Using the Start Menu, select Programs > Polycom iPower > Administrator Information > Admin Tools
2. Select "Utilities" from the Category list
3. Select the Custom Control tab
4. Check the box to enable control from an external control system
5. Press OK, and restart the Collaboration software |
| **CABLE NUMBER:** | CNSP-124 |

CONTROL:

MAIN-CAMERA	D	Selects the main camera as the current people source
PEOPLE-AUX-CAMERA	D	Selects the aux camera when it is set up as a people source
DOC-CAMERA	D	Selects the document camera as the current content source
CONTENT-AUX-CAMERA	D	Selects the aux camera when it is set up as a content source
VCR	D	Selects the vcr as a content source
IMAGE-SHARE	D	Selects the image share as the current content source
WIN-TOT	D	Selects WIN-TOT function which allows the system to send the iPower window desktop to the far-end as the content source during a video conference.

Serial signal to be routed from a 2-way |

From_Device$	S	RS232 port

FEEDBACK:

*-FB	D	True feedback indicating which source (or sources) are currently selected for transmission to the far end
To_Device$	S	Serial data string to be routed to a 2-way RS232 port

OPS USED FOR TESTING:	v3.029.cuz 5.12.63x.upz
COMPILER USED FOR TESTING:	SimplWindows Ver 2.03.18
SAMPLE PROGRAM:	Polycom iPower Demo
	2/11/2002 -- version 3 completed testing with version 3.0 of the PTel iPower protocol.
	8/13/2002 -- version 4 completed testing with version 4.0.2 of the PTel iPower protocol.
REVISION HISTORY:	8/16/2002 -- version 4a added true feedback for source selections Added Virtual Serial symbol
	3/13/2003 -- Tested with iPower 9000 system. Renamed module to "iPower" series.