SIMPLWINDOWS NAME:	Polycom (PictureTel) iPower Infra-Red Remote Functions
CATEGORY:	Conferencing
VERSION:	1.0
SUMMARY:	Provides the same functions as the IR remote control
GENERAL NOTES:	This module is used to emmulate the IR remote of a Polycom iPower 900/9000 series codec. Most of the inputs on this module directly correspond to buttons on the Polycom IR remote.
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:

REMOTE-HELP	D	Toggles the help menu on/off
REMOTE-STANDBY	D	Toggles the PictureTel standby mode
REMOTE-OPTIONS	D	Toggles the options menu on/off
REMOTE-CALL/ANSWER	D	Brings up the dialing menu
REMOTE-0-9,*,#	D	Send numeric digit 0-9, * AND # of keypad
REMOTE-SET	D	Used to set a camera preset need to press a number after
REMOTE-CANCEL	D	Send keypad cancel (X)
REMOTE-PRESET	D	Used to recall a camera preset need to press a number after
REMOTE-UP	D	Send keypad up arrow
REMOTE-LEFT	D	Send keypad left arrow
REMOTE-ENTER	D	Send keypad enter
REMOTE-RIGHT	D	Send keypad right arrow
REMOTE-DOWN	D	Send keypad down arrow
REMOTE-PEOPLE	D	Used to access the people source menu
REMOTE-CONTENT	D	Used to access the content source menu
REMOTE-PIP	D	Toggles the picture_in_picture feature
REMOTE-VOL-UP	D	Increases the volume

REMOTE-VOL-DOWN	D	Decreases the volume
REMOTE-MIC-MUTE	D	Toggles the mute state of the local microphones
REMOTE-ZOOM-IN	D	Zooms in for the currently selected camera
REMOTE-ZOOM-OUT	D	Zooms out for the currently selected camera
REMOTE-AUTO-CAM-POINT	D	Toggles the state of the auto camera point

FEEDBACK:

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
	8/24/2001 -- version 2.0 fixed a timing issue for version 2.0 of the PTel iPower protocol.
	2/11/2002 -- version 3.0 completed testing with version 3.0 of the PTel iPower protocol.
REVISION HISTORY:	
	8/16/2002 -- version 4.0 completed testing with version 4.0 of the Ptel iPower protocol, and added Virtual Serial symbol
	3/13/2003 -- Tested with iPower 9000. Renamed series to "iPower"