

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type: Video Conference
 Manufacturer: Polycom
 Firmware Version: 4.1.3
 Model(s): RealPresence Group 700

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
13	7/31/2015	1.6.0	3.5.2	Updated Power management to stop polling when Sleep is executed.
12	1/14/2015	1.6.0	3.5.2	Added Selfview control.
7	4/08/2014	1.6.0	3.5.2	Extron Certified. Tested on Group 700. Added IR Remote Emulation. Ringing status no longer supported with firmware 4.1.3. For Ringing status use Ethernet driver.
4	10/18/2013	1.6.0	3.5.1	Added Call Type for Video or Analog.
2	7/09/2013	1.6.0	3.5.1	Fixed Ringing Status and Camera Control.
1	2/28/2013	1.5.1	3.3.2	Initial version.

Driver Notes:

The driver includes optimization to the features listed below:

- a. Dynamic Text
- b. Dialing Feedback
- c. Volume

Power Management: Sleep will stop polling to prevent device from waking up. Any action from the driver will disable Sleep and polling will resume.

Dialing Configuration:



The Keypad is configured to display the digits on the field located at the top of the page. When the desired number is entered, press the Call button and that will connect you with the number you entered.

When in a call, the keypad will be used the same as the DTMF tone where each number press will get sent out immediately.

The Delete button will delete the last number displayed on the touch panel and is configured with the press/repeat functionality. The Clear button will clear all numbers entered.

The Label on the top of the page, "Please enter a number and press Call", is configured in GUI Configurator with an ID of 50000-50020 and with the Dynamic text parameter enabled.

Control Commands & States:

Auto Answer	On	Off	Do Not Disturb
Auto Show Content	On	Off	
Call Type	Video	Audio	
Camera 1 – 4 Input	Content	People	
Camera Preset Recall (Far)	0 – 15		
Camera Preset Recall (Near)	0 – 99		
Camera Preset Save (Far)	0 – 15		
Camera Preset Save (Near)	0 – 99		
Conference Mode	Auto Full Screen	Presentation	Discussion
Content	1 – 4		
Content Mode	Start	Stop	2,3,4,6
Dial Keypad	0 – 9 .	* Delete	# Clear
Dynamic Text ID	50000 – 50020		
Far Site (Level)	-20 to 30 in steps of 1		
Far Site (Step)	Up	Down	
Hook	On	Off	
Input (Far)	1 – 4		
Input (Near)	1 – 4		
IR Remote Emulation	0 – 9 . Left Back Hang Up Volume Up Directory	# Up Right Call Help Volume Down Home	* Down Select Graphics Mute Delete Keyboard

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	PIP Info	Preset	Period
Microphones	Enable	Disable	
Mute (Near)	On	Off	Toggle
Pan-Tilt (Far and Near)¹	Up Right	Down Stop	Left
Pan-Tilt (Near)¹	Up Right	Down Stop	Left
People	1 – 4		
Phone Call	Answer	End Video Call	End All Calls
Power Management	Wake	Sleep	
Reboot	Execute		
Selfview	On	Off	
Volume (Discrete)	0 to 50 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)¹	In	Out	Stop
Zoom (Near)¹	In	Out	Stop

1) Should be configured as Press and Release

IP Link® Device Interface Communication Sheet

Status Available:

Auto Answer	On	Off	Do Not Disturb
Auto Show Content	On	Off	
Call Status	Status Unavailable	Connected	Connecting
	Disconnecting	Not In Call	Ringing
Camera 1 – 4 Input	Content	People	
Conference Mode	Auto	Presentation	Discussion
	Full Screen		
Connection Status	Connected	Disconnected	
Content Mode	Start	Stop	
Far Site (Level)	-20 to 30 in steps of 1		
Microphones	Enable	Disable	
Mute (Near)	On	Off	
Selfview	On	Off	
Volume (Discrete)	0 to 50 in steps of 1		

MLC60 Series Supported Commands:

Auto Answer	On	Off	Do Not Disturb
Auto Show Content	On	Off	
Camera 1 – 4 Input	Content	People	
Camera Preset Recall (Far)	0 – 15		
Camera Preset Recall (Near)	0 – 99		
Camera Preset Save (Far)	0 – 15		
Camera Preset Save (Near)	0 – 99		
Conference Mode	Auto Full Screen	Presentation	Discussion
Content	1 – 4		
Content Mode	Start	Stop	2,3,4,6
Far Site (Step)	Up	Down	
Input (Far)	1 – 4		
Input (Near)	1 – 4		
IR Remote Emulation	0 – 9 . Left Back Hang Up Volume Up Directory PIP Info	# Up Right Call Help Volume Down Home Preset	* Down Select Graphics Mute Delete Keyboard Period
Microphones	Enable	Disable	
Mute (Near)	On	Off	Toggle
Pan-Tilt (Far) ¹	Up Right	Down Stop	Left

Continued

Pan-Tilt (Near) ¹	Up Right	Down Stop	Left
Phone Call	Answer	End Video Call	End All Calls
Power Management	Wake		
Reboot	Execute		
Selfview	On	Off	
Volume (Discrete)	0 to 50 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far) ¹	In	Out	Stop
Zoom (Near) ¹	In	Out	Stop

1) Should be configured as Press and Release

Cable and Adapter Requirements:

F/F RS232 DB9 Null Modem Cable

Notes for the Device:

To enable RS232 Control.

Admin Setting → General Settings → Serial Ports = Control.

Serial communication:

Port Type: RS-232

Baud Rate: 9600

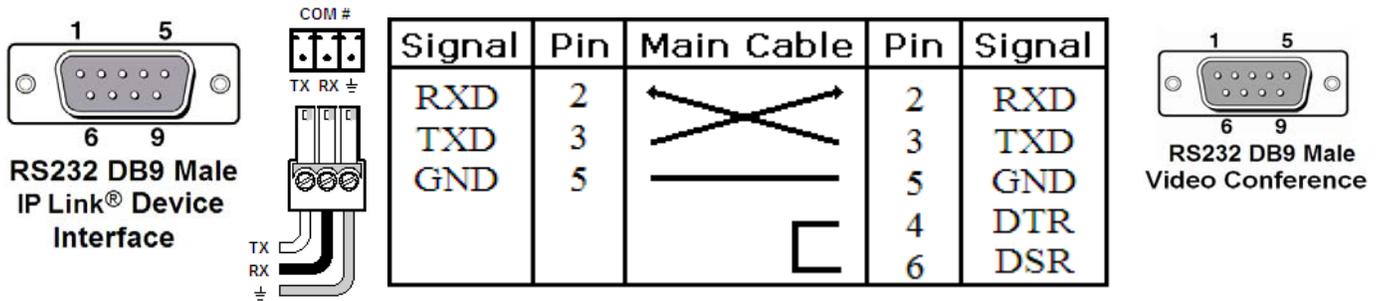
Data Bits: 8

Parity: None

Stop Bits: 1

Flow Control: None

Pin Assignments Diagram:



Note: Captive screw connector may also be used as a serial connection.

General Notes: