

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: Tandberg
 Firmware Version: F6.1
 Model(s): Edge 85 MXP, Edge 95 MXP, Edge 75 MXP

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
4	2/21/2011	1.4.0	3.0.4	Extron Certified. Added IR Remote Emulation command.
3	01/13/2010	1.4.0	3.0.2	Extron Certified. Tested on Edge 95 MXP. Added Auto Focus, Power Control and Camera Id for auxiliary camera control.
2	06/12/2009	1.3.11.1	2.5.1	Extron Certified. Tested on Edge 95 MXP. Updated several commands. Added far end input and camera control.
1	03/23/2009	1.3.11.1	2.5.0	Extron Certified. Tested on Edge 95 MXP.

Driver Notes:

Camera Control Commands are all Press-Release buttons where controls are activated when the button is pressed and stops once the button is released. The "Stop" command is for configuration purposes.

Driver is not recommended with pass-through mode.

'IR Remote Emulation', 'Dial Keypad' and 'Menu Navigation' simulate the IR codes of the remote.

Asterik(*) is also used as a period.

IP Link[®] Device Interface Communication Sheet

Control Commands & States:

Auto Answer	On	Off	Mute
Camera Id	1-13		
Dial Keypad	0 – 9	*	#
Display Mode	Single	Dual	
Focus (Far)	In	Out	
Focus (Near)¹	In	Out	Auto
	Stop		
Input (Far)	0 – 15		
Input (Near)	Main Camera	Doc Camera	PC
	Aux	VCR	
IR Remote Emulation	0-9	*	#
	Connect	Disconnect	Up
	Down	Right	Left
	Selfview	Layout	Phonebook
	Cancel	Mic Off	Presentation
	Volume Up	Volume Down	OK
	Zoom In	Zoom Out	Grab
Layout	Execute		
Menu Navigation	Up	Down	Left
	Right	Enter ²	Cancel
	Directory		
Microphone Mute	On	Off	
On Screen Display	On	Off	
Pan-Tilt (Far)	Up	Down	Left
	Right		
Pan-Tilt (Near)¹	Up	Down	Left
	Right	Stop	
Phone Call	Call	End Call	

IP Link[®] Device Interface Communication Sheet

Picture In Picture	On	Off	Auto
Power Control	On	Off	
Presentation Source	Current	Video 1	Video 2
	Video 3	Video 4	Video 5
Preset Recall (Far)	0 – 15		
Preset Recall (Near)	0 – 14		
Preset Save (Far)	0 – 15		
Preset Save (Near)	0 – 14		
Selfview	Off/On		
Volume (Discrete)	0 to 21 in steps of 1		
Volume (Step)	Up	Down	
Zoom (Far)	In	Out	
Zoom (Near)¹	In	Out	Stop

1. Will control camera with the selected camera Id.

2. This command serves the same function as the OK/Menu button on the remote

Status Available:

Auto Answer	On	Off	Mute
Connection Status	Connected	Disconnected	
Display Mode	Single	Dual	
Input (Near)	Main Camera	Doc Camera	PC
	Aux	VCR	
Microphone Mute	On	Off	
On Screen Display	On	Off	
Picture In Picture	On	Off	Auto
Power Control	On	Off	
Presentation Source	Current	Video 1	Video 2
	Video 3	Video 4	Video 5
Volume (Discrete)	0 to 21 in steps of 1		

IP Link[™] Device Interface Communication Sheet

MLC62 Supported Commands:

Auto Answer	On	Off	Mute
Dial Keypad	0 – 9	*	#
Display Mode	Single	Dual	
Focus (Far)	In	Out	
Focus (Near)¹	In Stop	Out	Auto
Input (Near)	Main Camera Aux	Doc Camera VCR	PC
IR Remote Emulation	0-9 Connect Down Selfview Cancel Volume Up Zoom In	* Disconnect Right Layout Mic Off Volume Down Zoom Out	# Up Left Phonebook Presentation OK Grab
Layout	Execute		
Menu Navigation	Up Right Directory	Down Enter ²	Left Cancel
Microphone Mute	On	Off	
On Screen Display	On	Off	
Pan-Tilt (Far)	Up Right	Down	Left
Pan-Tilt (Near)¹	Up Right	Down Stop	Left
Phone Call	Call	End Call	
Picture In Picture	On	Off	Auto
Power Control	On	Off	

Selfview	Off/On		
Presentation Source	Current	Video 1	Video 2
	Video 3	Video 4	Video 5
Volume (Step)	Up	Down	
Zoom (Far)¹	In	Out	

1. Will control camera with camera Id 1
2. This command serves the same function as the OK/Menu button on the remote

Cable and Adapter Requirements:

M/F RS-232 Straight Serial Cable (Extron Electronics P/N: 26-433-XX)

Notes for the Device:

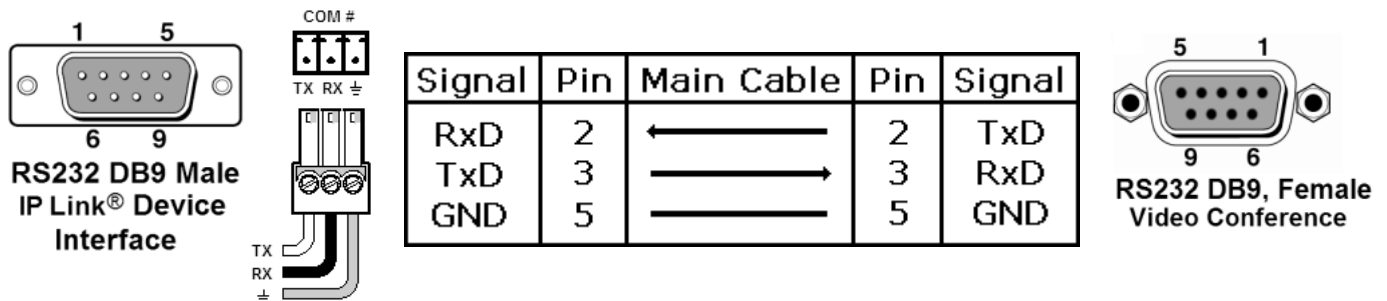
Device can support up to 13 cameras if Tandberg video switchers are used.

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: