IP Link® Device Interface
Ethernet Communication Sheet

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: Satellite Receiver
Manufacturer: Elium
Firmware Version: 1.01.43
Model(s):   HDR 1080 Movie NET

Minimum Software and Firmware Requirements:

IP Link Compiler	IP Link Firmware	GC Version
1.5.1	1.15	3.3.1

Version History:

Driver Version	Date	Notes
2	04/23/2012	Fixed status due to Firmware update.
1	11/8/2011	Initial version.

Driver Notes:
Driver only works with the unit firmware version 1.01.43.
Query Status must be Enabled to activate polling/status.

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Control Commands & States:

Channel TV (Step)	Up	Down	
Executive Mode*	Mode 1	Mode 2	Mode 3
	Mode 4		
Freeze	On	Off	
IR Remote Emulation	0 - 9	Audio-Video	OK
	Menu	Exit	Down
	Up	Right	Left
	Text	Info	Last
	EPG1	Record	
	MP3	DVR	TV/RADIO
	Zoom	On/Off	Mute
	PIP	EPG2	Freeze
Keypad	0 – 9	Enter	Return
	Clear		
Menu Navigation	Menu	Exit	Up
	Left	Right	Down
	Select		
Mode	TV	Radio	
Movie Browser	On	Off	
Mute	On	Off	
Power Control	On	Off	
Query Enable	Enable	Disable	
Record	Start	Stop	
Transport	Play	Pause	FFwd
	Rew	Start	Middle
	End		
Tuner Frequency (Step)	Up	Down	

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Volume (Discrete)	0 to 100 in steps of 1
Volume (Step)	Up Down

*Executive Mode 1: Locks Front Panel, Mode 2: Unlocks Front Panel, Mode 3: Locks IR, and Mode 4: Unlocks IR.

Status Available:

Connection Status	Connected Disconnected
Mode	TV Radio
Channel	Channel Number
Power Control	On Off
Volume (Discrete)	0 to 100 in steps of 1

Network communication:

When configuring the Ethernet driver, be sure device settings match that of the GC configuration.

Port Type:	Ethernet
Logon Credentials Supported:	No
Default Port:	26
Multi-Connection Capable:	Yes
Port Changeable:	No

Ethernet Driver Configuration Description:

Please refer to user manual for settings and changes to the network communication parameter.

Notes for the Device: