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This document provides additional assistance with wiring your Extron IP Link Pro Control Processor 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 IP Link Pro Control Processor or the documentation supplied by the manufacturer of the controlled device.

For more information on using Global Scriptor Modules, refer to the "[Guide to Using Scriptor Modules](#)" document.

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## Device Specifications

Device Type: Streaming Media  
Manufacturer: Magewell  
Firmware Version: N/A  
Model(s): Pro Convert AIO RX, Pro Convert for NDI to HDMI

## Tested on the Following Software and Firmware Versions

IP Link Pro Control Processor Firmware	Global Scriptor Version
3.16.0000-b013	2.17.0

## Version History

Module Version	Date	Notes
1_0_1_0	11/9/2022	Initial Version

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## Module Notes

- Unidirectional variable must be set to 'True' if status is not required. Default value is 'False'.  
Example: `InterfaceName.Unidirectional = 'True'`
- connectionCounter variable must be set to the number of queries that will be sent to the device before displaying 'Disconnected' if no response is received. Default value is 15.  
Example: `InterfaceName.connectionCounter = 5`
- NumberofSourcePresetsListResults variable must be set accordingly. Default value is '5'.  
NumberofSourcePresetsListResults ranges from 1' to '10'.  
Example: `InterfaceName.NumberofSourcePresetsListResults = '5'`

## Supported Class and Example

### HTTPClass

```
InterfaceName = ModuleName.HTTPClass('192.168.254.254', 80, 'admin', 'password', Model='Pro  
Convert AIO RX')
```

## Control Commands

Format with Qualifier:

```
InterfaceName.Set(Command, Value, {'Qualifier Key': 'Qualifier Value'})
```

Format without Qualifier:

```
InterfaceName.Set(Command, Value)
```

Command Reboot	Value None		
# Reboot example InterfaceName.Set('Reboot', None)			
Command SourcePresetCommand	Value String		
Qualifier Key 'NDI Source'	Qualifier Value 'True'	Qualifier Value 'False'	
# SourcePresetCommand example InterfaceName.Set('SourcePresetCommand', 'String', {'NDI Source': 'True'})			
Command SourcePresetsListNavigation	Value 'Up'	Value 'Down'	Value 'Page Up'
	'Page Down'		
# SourcePresetsListNavigation example InterfaceName.Set('SourcePresetsListNavigation', 'Up')			
Command SourcePresetsListRefresh	Value None		
Qualifier Key 'Type'	Qualifier Value 'Name'	Qualifier Value 'URL'	
# SourcePresetsListRefresh example InterfaceName.Set('SourcePresetsListRefresh', None, {'Type': 'Name'})			
Command SourcePresetsListSelect	Value '1' – '10'		
Qualifier Key 'NDI Source'	Qualifier Value 'True'	Qualifier Value 'False'	
# SourcePresetsListSelect example InterfaceName.Set('SourcePresetsListSelect', '1', {'NDI Source': 'True'})			

## Status Available

For all commands, call Update to receive the latest status. ConnectionStatus, and SourcePresetsListResults do not support the Update function. ConnectionStatus is triggered by the device providing a successful response to other Update function calls.

### Format with Qualifier:

```
InterfaceName.Update(Command, {'Qualifier Key': 'Qualifier Value'})  
Value = InterfaceName.ReadStatus(Command, {'Qualifier Key': 'Qualifier Value'})  
InterfaceName.SubscribeStatus(Command, {'Qualifier Key': 'Qualifier Value'},  
FeedbackHandler)
```

FeedbackHandler will be called only when the specified qualifier gets a new status.

### Format without Qualifier:

```
InterfaceName.Update(Command)  
Value = InterfaceName.ReadStatus(Command)  
InterfaceName.SubscribeStatus(Command, None, FeedbackHandler)  
FeedbackHandler will be called when any qualifier gets a new status.
```

Command	Value	Value
<b>ConnectionStatus</b>	'Connected'	'Disconnected'
# ConnectionStatus example Value = InterfaceName.ReadStatus('ConnectionStatus') InterfaceName.SubscribeStatus('ConnectionStatus', None, FeedbackHandler)		
Command	Value	
<b>CurrentSelectedSourceStatus</b>	'String'	
# CurrentSelectedSourceStatus example InterfaceName.Update('CurrentSelectedSourceStatus') Value = InterfaceName.ReadStatus('CurrentSelectedSourceStatus') InterfaceName.SubscribeStatus('CurrentSelectedSourceStatus', None, FeedbackHandler)		
Command	Value	
<b>SourcePresetsListResults</b>	'String'	
Qualifier Key	Qualifier Value	
<b>'Position'</b>	'1' – '10'	
# SourcePresetsListResults example Value = InterfaceName.ReadStatus('SourcePresetsListResults', {'Position': '1'}) InterfaceName.SubscribeStatus('SourcePresetsListResults', None, FeedbackHandler)		

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## Network communication

When configuring the Ethernet module, be sure device settings match those of the Global Scripter ethernet interface.

**Port Type:** Ethernet (HTTP)

**Default Port:** 80

**Logon Credentials Supported:** Yes

**Multi-Connection Capabilities:** Undetermined

**Port Changeability:** Undetermined

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## Ethernet Module Configuration Description

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

## Notes for the Device