

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 Scripter Modules, refer to the "[Guide to Using Scripter Modules](#)" document.

Device Specifications

Device Type: Streaming Media
Manufacturer: 1 Beyond
Firmware Version: N/A
Model(s): Automate VX, Automate VX Pro, Automate VX Plus

Tested on the Following Software and Firmware Versions

IP Link Pro Control Processor Firmware	Global Scripter Version
3.17.0000-b002	2.21.0.5

Version History

Module Version	Date	Notes
1_0_7_0	4/24/2024	<ul style="list-style-type: none">Renamed module: onebynd_sm_Automate_VX_Pro_v1_0_2_0 → onebynd_sm_Automate_VX_SeriesAdded commands: Wake, Sleep, Force Room Configuration, Camera Preset Switch, ScenarioUpdated commands:<ul style="list-style-type: none">Room Configuration: Support additional values 5 – 99.Switch Camera: Support additional values up to 255.Added model: Automate VX Plus
1_0_2_0	9/7/2022	Updated Layout command to support values A – Z. Fixed authentication for Token request.
1_0_1_0	1/15/2021	Initial Version

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`

Supported Class and Example

HTTPClass

```
InterfaceName = ModuleName.HTTPClass('192.168.254.254', 3579, 'admin', 'password',  
Model='Automate VX')
```

Control Commands

Format with Qualifier:

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

Format without Qualifier:

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

Command	Value	Value
AutoSwitch	'On'	'Off'
# AutoSwitch example InterfaceName.Set('AutoSwitch', 'On')		
Command	Value	
CameraPresetRecall	'1' – '255'	
Qualifier Key	Qualifier Value	
'Camera'	'1' – '255'	
# CameraPresetRecall example InterfaceName.Set('CameraPresetRecall', '1', {'Camera': '1'})		
Command	Value	
ForceRoomConfiguration	'1' – '99'	
# ForceRoomConfiguration example InterfaceName.Set('ForceRoomConfiguration', '1')		
Command	Value	Value
ISORecording	'Start'	'Stop'
# ISORecording example InterfaceName.Set('ISORecording', 'Start')		
Command	Value	
Layout	'A' – 'Z'	
# Layout example InterfaceName.Set('Layout', 'A')		
Command	Value	Value
Output	'On'	'Off'
# Output example InterfaceName.Set('Output', 'On')		
Command	Value	Value
Record	'Start'	'Stop'
# Record example InterfaceName.Set('Record', 'Start')		
Command	Value	
RoomConfiguration ¹	'1' – '99'	
# RoomConfiguration example InterfaceName.Set('RoomConfiguration', '1')		
Command	Value	
Scenario	None	
Qualifier Key	Qualifier Value	
'ID'	'String'	
# Scenario example InterfaceName.Set('Scenario', None, {'ID': 'String'})		
Command	Value	
Sleep	None	
# Sleep example InterfaceName.Set('Sleep', None)		

Global Scripter Module Communication Sheet

Command Stream	Value 'Start'	Value 'Stop'
# Stream example InterfaceName.Set('Stream', 'Start')		
Command SwitchCamera	Value '1' – '255'	
# SwitchCamera example InterfaceName.Set('SwitchCamera', '1')		
Command Wake	Value None	
# Wake example InterfaceName.Set('Wake', None)		

¹ Auto Switch needs to be Off for this command to work.

Status Available

For all commands, call Update to receive the latest status. ConnectionStatus does not support the Update function and 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
AutoSwitch	'On'	'Off'
# AutoSwitch example InterfaceName.Update('AutoSwitch') Value = InterfaceName.ReadStatus('AutoSwitch') InterfaceName.SubscribeStatus('AutoSwitch', None, FeedbackHandler)		
Command	Value	Value
ConnectionStatus	'Connected'	'Disconnected'
# ConnectionStatus example Value = InterfaceName.ReadStatus('ConnectionStatus') InterfaceName.SubscribeStatus('ConnectionStatus', None, FeedbackHandler)		
Command	Value	Value
ISORecording	'Start'	'Stop'
# ISORecording example InterfaceName.Update('ISORecording') Value = InterfaceName.ReadStatus('ISORecording') InterfaceName.SubscribeStatus('ISORecording', None, FeedbackHandler)		
Command	Value	Value
Output	'On'	'Off'
# Output example InterfaceName.Update('Output') Value = InterfaceName.ReadStatus('Output') InterfaceName.SubscribeStatus('Output', None, FeedbackHandler)		
Command	Value	Value
Record	'Start'	'Stop'
# Record example InterfaceName.Update('Record') Value = InterfaceName.ReadStatus('Record') InterfaceName.SubscribeStatus('Record', None, FeedbackHandler)		
Command	Value	Value
Stream	'Start'	'Stop'
# Stream example InterfaceName.Update('Stream') Value = InterfaceName.ReadStatus('Stream') InterfaceName.SubscribeStatus('Stream', None, FeedbackHandler)		

Global Scripter Module Communication Sheet

Command	Value
SwitchCamera	'1' – '255'
<pre># SwitchCamera example InterfaceName.Update('SwitchCamera') Value = InterfaceName.ReadStatus('SwitchCamera') InterfaceName.SubscribeStatus('SwitchCamera', None, FeedbackHandler)</pre>	

Network communication

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

Port Type: Ethernet (HTTP)

Default Port: 3579

Logon Credentials Supported: Yes

Default Username: admin

Default Password: 1beyond

Multi-Connection: Undetermined

Capabilities:

Port Changeability: Yes

Ethernet Module Configuration Description

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

Notes for the Device