



drivers by



tvONE Video Processor Q-SYS Plugin

The following Q-SYS plugin is detailed in this document:

tvONE Video Processor

Prerequisites

Before configuring the plugin:

- Ensure that the device is online and on the same network as the Q-SYS processor, and has been configured correctly using tvONE **CORIOgrapher** software, including configuration of slots, windows, presets and canvases.
- Obtain the IP address, username, and password of the Video Processor device, and whether it is expecting secure (https) or unsecure (http) connections. This is the same information used when launching the CORIOgrapher software and double clicking a discovered device to login.
- Please note the driver will only work with versions of **Q-SYS Designer 9.8 and above**.

Configuration Overview

1. Drag the plugin into your schematic.
2. Press F5 to save your design to the Core and run it. (Or, press F6 to emulate your design.)
3. In your schematic, double-click the plugin to open the component's control panel.
4. In the Controller tab, establish a connection by entering the IP address, username and password, and select HTTPS for a secure connection or HTTP for standard.

Properties

Number Of Presets

The number of configured presets in the system. This will affect the number of controls in the presets tab in designer.

Number Of Windows

The number of configured windows in the system. This will affect the number of controls in the sources tab in designer.

Number Of Canvases

The number of canvases in the system. This will affect the number of controls in the canvases tab in designer.

Debug Mode

Dev use only

Debug Level

Dev use only

Debug Subsystems

Dev use only

Show Debug

Enables the debug window

Controls

For further explanation of the functions that follow, please refer to the manufacturer:

<https://tvone.com/products/video-wall-processors>

Controller

Control Pin	Function	Default/Range
IP Address	Type the IP address of the device the driver should connect to.	Text
Username	Type the device username	Text
Password	Type the device password	Text
Connection Type	Select HTTPS if secure connection is configured on the device	Combo box (HTTPS/HTTP)
Connection Status	Displays the current connection status and any applicable error.	Read only

Windows

Control Pin	Function	Default/Range
Window Names	Window names extracted from configuration at runtime.	Read only
Window Sources	Select a window source	combo box populated at runtime with source alias names

Canvases

Control Pin	Function	Default/Range
Volume	Set volume of canvas	Range 0-100
Mute	Enable or disable mute	Toggle buttons
Active Preset	Currently selected preset for canvas	Read only

Presets

Control Pin	Function	Default/Range
Name	The preset names extracted from configuration at runtime	Read only
Select	Buttons to select each preset	Toggle buttons