

# Matrox CIP ver1.0.0 Module Help File

Matrox Video, AV clients (Crestron)



## MATROX CONVERT IP V1.00.00 MODULE HELP

Module name	<i>MatroxCIP 1.0.0.usp, ConvertIP.clz</i>
Version	<i>1.00.00</i>
Description	This document defines the common Crestron module interface for the Matrox ConvertIP series encoders/decoders
Maintainer	Matrox Graphics Inc.
Inputs	<p><b>Close_Error, Digital, pulse</b> Closes the popup page for errors</p> <p><b>Refresh, Digital, pulse</b> Refreshes all device data. (ie stream name, connections, statuses)</p> <p><b>Reboot, Digital, pulse</b> Reboots the device.</p> <p><b>IP_Hostname, serial</b> The Ip address or hostname of the device.</p> <p><b>Username, serial</b> The username used to login to the device.</p> <p><b>Password, serial</b> The password used to login to the device.</p> <p><b>RX_Video_Stream_URL, serial</b> If the device is a Receiver unit, then this will change what stream is being connected.</p> <p><b>RX_Audio_Stream_URL, serial</b> If the device is a Receiver unit, then this will change what stream is being connected.</p>

Outputs	<p><b>Online_Fb, Digital</b> Will go High when the module has succesfully established a response from the device. Will go low if connection fails.</p> <p><b>Busy, Digital</b> Will go High when the module is processing data, or working internally.</p> <p><b>Device_is_Transmitter, Digital</b> Will go High if the device is in transmitter mode.</p> <p><b>Device_is_Receiver, Digital</b> Will go High if the device is in receiver mode.</p> <p><b>Show_Error, Digital</b> Will go High when the module detects an error with command or response.</p> <p><b>Video_Stream_Enabled, Digital</b> If device is a Receiver, signal will go High if there is content on the connected stream. If device is a Transmitter, signal will go High if there is content present on the device.</p> <p><b>Audio_Stream_Enabled, Digital</b> If device is a Receiver, signal will go High if there is content on the connected stream. If device is a Transmitter, signal will go High if there is content present on the device.</p> <p><b>Video_Stream_URL, serial</b>  If the device is a Receiver unit, then this will show the current stream that is connected.</p> <p>If the device is a Transmitter unit, then this will be the stream used for connecting to a receiver.</p> <p><b>Audio_Stream_URL, serial</b>  If the device is a Receiver unit, then this will show the current stream that is connected.</p> <p>If the device is a Transmitter unit, then this will be the stream used for connecting to a receiver.</p>						
Version History	<table><tr><th>Version</th><th>Date</th><th>Remarks</th></tr><tr><td>1.00.00</td><td>2023/03/29</td><td>Initial structure.</td></tr></table>	Version	Date	Remarks	1.00.00	2023/03/29	Initial structure.
Version	Date	Remarks					
1.00.00	2023/03/29	Initial structure.					
Advisories/ remarks							
Dependencies	MatroxCIP 1.0.0.usp, ConvertIP.clz						
Processor support	2-Series, not currently supported. 3-Series, supported.  4-series supported						

Tested with firmware versions:

<b>Device</b>	<b>Firmware</b>
Crestron CP4 processor	v2.7000.00031
<b>Device</b>	<b>Firmware</b>
ConvertIP SRH	1.00.01.20
ConvertIP DRH	1.00.01.20