

**Partner: SnapAV**  
**Model: Binary MoIP Receiver**



## GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Binary_MoIP_Receiver
<b>CATEGORY:</b>	MATRIX
<b>VERSION:</b>	1.1
<b>SUMMARY:</b>	This module controls a single Binary MoIP Receiver via Serial Output to a Binary MoIP Controller module.
<b>GENERAL NOTES:</b>	
<b>CRESTRON HARDWARE REQUIRED:</b>	3 Series processor is required.
<b>SETUP OF CRESTRON HARDWARE:</b>	
<b>VENDOR FIRMWARE:</b>	1.0.0.8
<b>VENDOR SETUP:</b>	Setup and connect physical Binary MoIP Receivers, Transmitters, and Controller before setting up Crestron module. Add and configure Binary MoIP Controller module before adding this module. Add one of this module for every receiver to be controlled.
<b>CABLE DIAGRAM:</b>	None

## CONTROLS:

<b>CEC</b>	D	Set high to send CEC Power ON to the HDMI device connected corresponding receiver. Set low to send CEC Power OFF.
<b>SET_TRANSMITTER[1-48]</b>	D	Pulse high to select the transmitter to be set to the receiver.
<b>RESOLUTION</b>	A	Set to the number of the resolution to force the receiver to. Pass Through = 0 1080p 60Hz = 1 1080p 50Hz = 2 2160p 30Hz = 3 2160p 25Hz = 4
<b>OSD</b>	S	Enter a string to display via OSD to the receiver. Sending CLEAR will clear the receiver of OSD.

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FROM_CONTROLLER	S	Connect the TO_RX output of the Binary MoIP Controller module to this input.
TO_CONTROLLER	S	Connect the FROM_RX input of the Binary MoIP Controller module to this output.
RECEIVER	A	Updates the analog signal to the number of the transmitter connected to the receiver.

**PARAMETERS:**

RECEIVER_ID	D	ID of the Binary MoIP Receiver to be controlled.
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**TESTING:**

OPS USED FOR TESTING:	RMC3 1.010.0060
SIMPL WINDOWS USED FOR TESTING:	4.09.04.01
DEVICE DB USED FOR TESTING:	90.02.001.00
CRES DB USED FOR TESTING:	65.05.004.00
SYMBOL LIBRARY USED FOR TESTING:	1049
SAMPLE PROGRAM:	Binary_MoIP_Demo
REVISION HISTORY:	V1.0 – Original Release V1.1 – Added Optimistic Updating