

**Partner: SnapAV**  
**Model: Binary MoIP Controller**



### GENERAL INFORMATION

<b>SIMPLWINDOWS NAME:</b>	Binary_MoIP_Controller
<b>CATEGORY:</b>	MATRIX
<b>VERSION:</b>	1.4
<b>SUMMARY:</b>	This module controls a Binary MoIP Controller via TCP/IP.
<b>GENERAL NOTES:</b>	
<b>CRESTRON HARDWARE REQUIRED:</b>	3 Series processor is required.
<b>SETUP OF CRESTRON HARDWARE:</b>	
<b>VENDOR FIRMWARE:</b>	1.2.0.0
<b>VENDOR SETUP:</b>	Setup and connect physical Binary MoIP Receivers, Transmitters, and Controller before setting up Crestron module.
<b>CABLE DIAGRAM:</b>	None

### CONTROLS:

<b>REBOOT_CONTROLLER</b>	D	Pulse high to send a reboot command to the MoIP controller.
<b>FROM_RX</b>	S	Connect this input to the TO_CONTROLLER output of each Binary MoIP Receiver module.
<b>TO_RX</b>	S	Connect this output to the FROM_CONTROLLER input of each Binary MoIP Receiver module.
<b>TX_IR_IN[1-48]</b>	S	Connect to the output of a IR driver to send the IR commands to the device connected to the IR connection of the corresponding transmitter. Pronto format only.
<b>RX_IR_IN[1-48]</b>	S	Connect to the output of a IR driver to send the IR commands to the device connected to the IR connection of the corresponding receiver. Pronto format only.
<b>TX_SERIAL_IN[1-48]</b>	S	Connect to the output of a serial driver to send the serial commands to the device connected to the serial connection of the corresponding transmitter.

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RX_SERIAL_IN[1-48]	S	Connect to the output of a serial driver to send the serial commands to the device connected to the serial connection of the corresponding receiver.
TX_SERIAL_OUT[1-48]	S	Connect to the input of a serial driver to send the serial responses from the device connected to the serial connection of the corresponding transmitter.
RX_SERIAL_OUT[1-48]	S	Connect to the input of a serial driver to send the serial responses from the device connected to the serial connection of the corresponding receiver.

**PARAMETERS:**

IP_ADDRESS	S	IP Address of the Binary MoIP Controller.
USERNAME	S	Username to access Binary MoIP Controller
PASSWORD	S	Password to access Binary MoIP Controller
TX_SERIAL_SETTINGS[1-48]	S	Serial communication settings. <baud rate>-<data bits><parity><stop bits> (i.e. 9600-8n1)
RX_SERIAL_SETTINGS[1-48]	S	Serial communication settings. <baud rate>-<data bits><parity><stop bits> (i.e. 9600-8n1)

**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

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<b>SAMPLE PROGRAM:</b>	Binary_MoIP_Demo
<b>REVISION HISTORY:</b>	V1.0 – Original Release V1.1 – Separated Receiver Functions to New Module V1.2 – Add login credentials V1.3 – Added 2 way feedback for input/output status V1.4 – Added IR routing.