

Partner: SnapAV
Model: Binary MoIP Controller



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

CONTROLS:		
REBOOT_CONTROLLER	D	Pulse high to send a reboot command to the MoIP controller.
FROM_RX	S	Connect this input to the TO_CONTROLLER output of each Binary MoIP Receiver module.
TO_RX	S	Connect this output to the FROM_CONTROLLER input of each Binary MoIP Receiver module.
TX_IR_IN[1-48]	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.
RX_IR_IN[1-48]	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.
TX_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 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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SAMPLE PROGRAM:	Binary_MoIP_Demo
REVISION HISTORY:	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.