Partner: AVPro Edge
Models: MXNet
Device Type: AVPro Edge MXNet

GENERAL INFORMATION

SIMPLWINDOWS NAME:	AVPro Edge MXNet IRPort v1.2
CATEGORY:	AVPro Edge MXNet
VERSION:	1.2
SUMMARY:	This module works in conjunction with the AVPro MXNet CommandProcessor v1.2 module for IR control of one Edge MXNet encoder or decoder. The full suite of AVPro MXNet modules includes: • AVPro MXNet CommandProcessor v1.2 • AVPro MXNet Encoder v1.2 • AVPro MXNet Decoder v1.2 • AVPro MXNet SerialPort v1.2 • AVPro MXNet IRPort v1.2 • AVPro MXNet CEC v1.2 • AVPro MXNet DestinationRouter v1.2 • AVPro MXNet MultiDestinationRouter v1.2 • AVPro MXNet VW DecoderAssign v1.2 • AVPro MXNet VW Layout v1.2 • AVPro MXNet VW LayoutRecall v1.2
GENERAL NOTES:	This module requires one instance of the AVPro MXNet CommandProcessor v1.2 module to register with and a matching instance of the AVPro MXNet Decoder v1.2 or AVPro MXNet Encoder v1.2
CRESTRON HARDWARE REQUIRED:	4-Series processor, 3-Series processor
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	MXNet Control Box v2.28 MXNet Encoder v3.39 MXNet Decoder v4.21
VENDOR SETUP:	N/A

PARAMETERS:

Command_Processor_ID	The unique identifier of the command processor module that this module registers with.
Endpoint_Type	Select if this module will be associated with an encoder or decoder.
Matrix _Index	Specifies the unique index of the **Endpoint_Type** this module is associated with.
Command_1_String.. **Command_10_String**	Text value of each property specifies the command to be sent by the corresponding **Command_X_Send** digital signal. IR formats Pronto and Global Cache are supported.

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CONTROL:		
IR_TX	S	Text value indicates a manual command to be sent.
IR_Send	D	Pulse to send the command specified by the **IR_TX** serial signal.
Command_1_Send.. **Command_10_Send**	D	Pulse signal 1 through 10 to send the command of the corresponding **Command_X_String** property. IR formats Pronto and Global Cache are supported.

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FEEDBACK:

None

TESTING:

OPS USED FOR TESTING:	VC4 v4.0000.00007 CP4 v2.8000.00017 CP3 v1.8001.5061.26823
SIMPL WINDOWS USED FOR TESTING:	4.2000.00
CRES DB USED FOR TESTING:	215.0000.003.00
DEVICE DATABASE:	200.23500.001.00
SYMBOL LIBRARY USED FOR TESTING:	1177
SAMPLE PROGRAM:	AVPro Edge MXNet v1.2 Demo.smw

REVISION HISTORY:	v1.0 – Initial Release
	v1.1 – Fixed SerialPort transmitted and received data.
	    – Made updates to allow a Wallplate Encoder to initialize with this suite.
	v1.2 – Isolated serial communication queue to provide device control responsiveness.
	    – Corrected unsolicited data parsing impacting hotplug detected and resolution.

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