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

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GENERAL INFORMATION

SIMPLWINDOWS NAME:	AVPro Edge MXNet VW LayoutRecall v2.6
CATEGORY:	AVPro Edge MXNet
VERSION:	2.6
SUMMARY:	This module works in conjunction with the AVPro MXNet CommandProcessor v2.6 module to recall a specific video wall layout. The full suite of AVPro MXNet modules includes: • AVPro MXNet CommandProcessor v2.6 • AVPro MXNet Encoder v2.6 • AVPro MXNet Decoder v2.6 • AVPro MXNet SerialPort v2.6 • AVPro MXNet IRPort v2.6 • AVPro MXNet CEC v2.6 • AVPro MXNet DestinationRouter v2.6 • AVPro MXNet MultiDestinationRouter v2.6 • AVPro MXNet VW DecoderAssign v2.6 • AVPro MXNet VW Layout v2.6 • AVPro MXNet VW LayoutRecall v2.6 • AVPro MXNet 10G VW LayoutRecall v2.6 • AVPro MXNet Matrix PresetRecall v2.6 • AVPro MXNet Matrix Macro v2.6
GENERAL NOTES:	This module requires one instance of the AVPro MXNet CommandProcessor v2.6 module to register with.
CRESTRON HARDWARE REQUIRED:	4-Series processor, 3-Series processor
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	MXNet 1G Control Box v2.4 MXNet 1G Encoder v3.39 MXNet 1G Decoder v4.21 MXNet 10G Control Box v3.28 MXNet 10G Encoder v1.25 MXNet 10G Decoder v1.25
VENDOR SETUP:	N/A

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PARAMETERS:

Command_Processor_ID	The unique identifier of the command processor module that this module registers with.
Video Wall Name	The unique name for the video wall.
Layout Type	The type of layout. Possible values include: • Standard (Default) • Mosaic

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CONTROL:

Layout_Name	S	Text value specifies the name of the layout to recall.
Layout_Recall	D	Pulse to recall the layout specified by the **Layout_Name** serial input.

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FEEDBACK:

Is_Initialized	D	Digital high indicates this module has been initialized with the command processor module.
Last_Recalled_Layout	S	Text value indicates the name of the last layout recalled.

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TESTING:

OPS USED FOR TESTING:	VC4 v4.0000.00007 CP4 v2.8001.00086.01 CP3 v1.8001.0214.01
SIMPL WINDOWS USED FOR TESTING:	4.2500.04
CRES DB USED FOR TESTING:	219.0500.001.00
DEVICE DATABASE:	200.28000.002.00
SYMBOL LIBRARY USED FOR TESTING:	1191
SAMPLE PROGRAM:	AVPro Edge MXNet v2.6 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.
	v2.0 – Added "Offline" functionality.
	    – Polling will happen more frequently but will only poll for one component's states at a time. This prevents serial control from getting backed up behind a global system poll.
	v2.1 – Added volume support for applicable 10G decoders.
	    – Added support for 10G videowall support with "10G VW Layout"
	v2.2 - Change 1G video wall input select to new faster API command
	v2.3 – Added CEC support for Encoders.
	v2.4 – Added Matrix PresetRecall and Matrix Macro module.
	V2.5 – Added preview urls to the encoder module.
	v2.6 – Reconnect time increased from 30 seconds to 90 seconds.

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