

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



GENERAL INFORMATION

SIMPLWINDOWS NAME:	AVPro Edge MXNet USP VW Layout v1.0
CATEGORY:	AVPro Edge MXNet USP
VERSION:	v1.0
SUMMARY:	This module works in conjunction with the AVPro MXNet USP CommandProcessor v1.0 module to create a single, full-screen video wall layout with a specified input routed to it. The full suite of AVPro MXNet USP modules includes: • AVPro Edge MXNet USP CommandProcessor v1.0 • AVPro Edge MXNet USP Encoder v1.0 • AVPro Edge MXNet USP Decoder v1.0 • AVPro Edge MXNet USP SerialPort v1.0 • AVPro Edge MXNet USP IRPort v1.0 • AVPro Edge MXNet USP CEC v1.0 • AVPro Edge MXNet USP DestinationRouter v1.0 • AVPro Edge MXNet USP MultiDestinationRouter v1.0 • AVPro Edge MXNet USP VW DecoderAssign v1.0 • AVPro Edge MXNet USP VW Layout v1.0 • AVPro Edge MXNet USP VW LayoutRecall v1.0 • AVPro Edge MXNet USP Matrix PresetRecall v1.0 • AVPro Edge MXNet USP Matrix Macro v1.0 • AVPro Edge MXNet USP External Stream Source v1.0 • AVPro Edge MXNet USP Digital Signage v1.0 • AVPro Edge MXNet USP Multiview Layout v1.0
GENERAL NOTES:	This module requires one instance of the AVPro MXNet USP CommandProcessor v1.0 module to register with, a matching instance of the AVPro MXNet USP Encoder v1.0 for each encoder for source routing, and a matching instance of the AVPro MXNet USP DecoderAssign v1.0 for each decoder of this wall.
CRESTRON HARDWARE REQUIRED:	4-Series processor
SETUP OF CRESTRON HARDWARE:	N/A
VENDOR FIRMWARE:	MXNet USP Control Box V3.43 MXNet USP-ES v0.24.0 MXNet USP-PL v1.11.0 MXNet USP-PR v1.40.0
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.
Layout_ID	The unique identifier of the layout managed by this module.
Video_Wall_Name	The unique name for the video wall.
Total_Rows	The number of rows in the video wall layout.
Total_Columns	The number of columns in the video wall layout.
Stretch	The stretch aspect setting. Possible values include: • Aspect Ratio (default) • Fullscreen
Display_Visible_Width	The visible width of a display in millimeters.
Display_Visible_Height	The visible height of a display in millimeters.
Display_Outer_Width	The outer width of a display in millimeters.
Display_Outer_Height	The outer height of a display in millimeters.

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CONTROL:

		Integer value specifies the encoder to display on this layout.
Source_Route	A	The AVPro MXNet USP Encoder v1.0 with each associated Source_Index must be added to the program for the module to know which encoder in your system to route.
Take_Route	D	Pulse to send the route specified by the Source_Route analog input to the video wall.

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**FEEDBACK:**

Is_Initialized	D	Digital high indicates this module has been initialized with the command processor module.
Is_Online_Fb	D	High to indicate that all the assigned deciders are online and available for control. If any device is offline, control will still pass.

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TESTING:

OPS USED FOR TESTING:	CP4 2.8006.00110
SIMPL WINDOWS USED FOR TESTING:	4.3100.00
CRES DB USED FOR TESTING:	228.5000.003.00
DEVICE DATABASE:	200.44500.001.00
SYMBOL LIBRARY USED FOR TESTING:	1237
SAMPLE PROGRAM:	AVPro Edge MXNet USP v1.0 Demo.smw
REVISION HISTORY:	v1.0 – Initial Release