Certified Module

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

GENERAL INFORMATION

SIMPL WINDOWS NAME:	AVPro Edge MXNet USP DigitalSignage v1.0
CATEGORY:	AVPro Edge MXNet USP
VERSION:	v1.0
SUMMARY:	This module works in conjunction with the AVPro Edge MXNet USP CommandProcessor v1.0 module for playback controls of locally downloaded media playlists. Modules in the full suite include the following: • 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 Edge MXNet USP CommandProcessor v1.0 module to register with and a matching instance of the AVPro Edge MXNet USP Decoder v1.0.
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.
Matrix_Destination_Index_List	Specifies the matrix indexes of the decoder(s) this module targets. Enter a single decoder index (for example 5), or a comma-separated list of decoder indexes (for example 5,6,7) to drive the same playlist on multiple decoders. Playback commands are sent to each listed decoder individually; an upload is sent to all listed decoders in a single command.

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CONTROL:

Playlist_Name	S	Input matching the Playlist Name exactly as defined in the AVPro Mentor interface. Playlists must be created and downloaded to the target decoder(s) in Mentor before they can be controlled by this module.
Playlist_Start	D	Pulse to start the playlist specified by Playlist_Name.
Playlist_Stop	D	Pulse to stop the current playlist.
Playlist_Restart	D	Pulse to restart the playlist specified by Playlist_Name.
Playlist_Upload	D	Pulse to upload the playlist named in Playlist_Name to the target decoder(s). Upload is an explicit step. Playlist_Start does not upload automatically. The playlist must already exist on the controller, having been created and synced in the AVPro Mentor interface.

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FEEDBACK:

Is_Initialized	D	High to indicate that the module has successfully initialized with the Command Processor.
Last_Recalled_Playlist	S	Indicates the last playlist name the module enqueued for playback. This value is tracked internally by the module; there is no device command to query the active playlist, so it reflects the last name sent rather than a confirmation read back from the decoder.

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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

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