

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



GENERAL INFORMATION

SIMPLWINDOWS NAME:	AVPro Edge MXNet CEC v1.2
CATEGORY:	AVPro Edge MXNet
VERSION:	1.2
SUMMARY:	<p>This module works in conjunction with the AVPro MXNet CommandProcessor v1.2 module for CEC control of one Edge MXNet decoder. The full suite of AVPro MXNet modules includes:</p> <ul style="list-style-type: none">• 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
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

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PARAMETERS:

Command_Processor_ID	The unique identifier of the command processor module that this module registers with.
Matrix_Index	Specifies the unique index of the decoder this module is associated with.
Command_1_String.. Command_10_String	<p>Text value of each property specifies the command to be sent by the corresponding Command_X_Send digital signal.</p> <p>The module will accept ASCII and standard Crestron formatted Hex values.</p> <p>The following examples are all valid:</p> <ul style="list-style-type: none">• Hello\r• Hello\x0D\x0A• \x48\x65\x6C\x6C\x6F\r• \x48\x65\x6C\x6C\x6F\x0D\x0A

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**CONTROL:**

CEC_On_Command	D	Pulse to send the CEC On command.
CEC_Off_Command	D	Pulse to send the CEC Off command.
CEC_TX	S	Text value indicates a manual command to be sent.
CEC_Send	D	Pulse to send the command specified by the CEC_TX serial signal.
Command_1_Send.. Command_10_Send	D	<p>Pulse signal 1 through 10 to send the command of the corresponding Command_X_String property.</p> <p>The module will accept ASCII and standard Crestron formatted Hex values.</p> <p>The following examples are all valid:</p> <ul style="list-style-type: none">• Hello\r• Hello\x0D\x0A• \x48\x65\x6C\x6C\x6F\r• \x48\x65\x6C\x6C\x6F\x0D\x0A

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**FEEDBACK:**

None

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**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.