

# ANALOG WAY LIVEPREMIER™

## Module: MULTIVIEWER

### Crestron 3-series & 4-series

Date: **July 19th 2021**  
Driver version: **V2.2.0**  
Compatible with: **LivePremier™ Firmware V2.0.231 or above**

## GENERAL

This module reads LivePremier™ multiviewer output status and provides its related controls.

## SOURCES

The following table represents the different values used to define the source displayed in a multiviewer widget. Note that reserved values for a type are greater than the real number of sources provided by the LivePremier™ device. For instance, input values range from 1 to 99, even if a LivePremier™ device would only provide 24 real live inputs.

NONE	0
INPUTS	[1, 99]
IMAGES	[101, 199]
PREVIEW	[201, 299]
PROGRAM	[301, 399]
COLOR	400
AUX_PROGRAM	[601, 699]
TIMERS	[701, 799]

Note that values from [401, 599] are reserved and should not be used with the Multiviewer.

## Control

### Parameters

MultiviewerName	Param List	The identifier of the multiviewer.
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### General

Mvw_RefreshInfos	Digital_in	Pulse this signal to force information retrieval. Most of the time this signal is never used
Mvw_Busy	Digital_out	Equals 1 when the multiviewer output is busy
Mvw_Available_FB	Digital_out	Equals 1 when the multiviewer output is available
Mvw_Enabled_FB	Digital_out	Equals 1 when the multiviewer output is enabled
Mvw_ValidOutput_FB	Digital_out	Equals 1 when the multiviewer output is valid
Mvw_Width_FB	Analog_out	The multiviewer output width
Mvw_Height_FB	Analog_out	The multiviewer output height
Mvw_Label	String_out	The multiviewer output label

### Enable

Mvw_EnableWidget_Cmd[X]	Digital_in	Pulse this signal to enable widget X
Mvw_DisableWidget_Cmd[X]	Digital_in	Pulse this signal to disable widget X
Mvw_WidgetEnabled_FB[X]	Digital_out	Equals 1 when widget X is enabled

### Recall\_Preset

Mvw_RecallPreset_Cmd[X]	Analog_in	Recall multiviewer preset X
Mvw_LastPresetRecalled_FB[X]	Analog_out	The latest preset index loaded

### Widget\_Source

Mvw_WidgetSource_Cmd[X]	Analog_in	Define the source displayed in widget X
Mvw_WidgetSource_FB[X]	Analog_out	The source displayed in widget X

### Widget\_Position\_Size

Mvw_WidgetTop_Cmd[X]	Analog_in	Set widget X top position
Mvw_WidgetLeft_Cmd[X]	Analog_in	Set widget X left position
Mvw_WidgetWidth_Cmd[X]	Analog_in	Set widget X width
Mvw_WidgetHeight_Cmd[X]	Analog_in	Set widget X height
Mvw_WidgetTop_FB[X]	Analog_out	Widget X top position
Mvw_WidgetLeft_FB[X]	Analog_out	Widget X left position
Mvw_WidgetWidth_FB[X]	Analog_out	Widget X width
Mvw_WidgetHeight_FB[X]	Analog_out	Widget X height

**Preset\_Available**

<a href="#">Mvw_PresetAvailable_FB[X]</a>	<a href="#">Digital_out</a>	<a href="#">Equals 1 if preset X is available</a>
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**PresetLabel**

<a href="#">Mvw_PresetLabel_FB[X]</a>	<a href="#">StringI_out</a>	<a href="#">Preset X label</a>
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