# ANALOG WAY LIVEPREMIER™

# Module: MULTIVIEWER

# Crestron 3-series

Date:                    **Oct 14th 2020**
Driver version:          **V2.0.0**
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.

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# Control

## Parameters

| MultiviewerName | Param List | The identifier of the multiviewer. |
|---|---|---|

## 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**

| Mvw_PresetAvailable_FB[X] | Digital_out | Equals 1 if preset X is available |
|---|---|---|

**PresetLabel**

| Mvw_PresetLabel_FB[X] | Stringl_out | Preset X label |
|---|---|---|