

ANALOG WAY LIVEPREMIER™

Module: MULTIVIEWER

Crestron 3-series & 4-series

Date: August 30th 2025
Driver version: V5.0.0
Compatible with: LivePremier™ Firmware V5.0.0 or above

GENERAL

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

Note: It is to be noted that without a VideoCompositor license, some signals like layers and widgets positions and sizes are not available in multiviewers, screens and auxiliaries modules.

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, 299]
IMAGES	[301, 499]
PREVIEW	[501, 599]
PROGRAM	[601, 699]
COLOR	700
AUX_PROGRAM	[901, 999]
TIMERS	[1001, 1004]

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_Global_FB	Digital_out	Equals 1 when the multiviewer is Global (shared) between many devices
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
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PresetLabel

Mvw_PresetLabel_FB[X]	StringI_out	Preset X label
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