

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.

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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