

ANALOG WAY ALTA 4K

Module: MULTIVIEWER

Crestron 3-series & 4-series & VC-4

Date: **September 2025**
Driver version: **V1.0.3**
Compatible with: **Alta 4K Firmware v1.0.0 or above**

GENERAL

This module provides information about the multiviewer of the Alta 4K video processor and provides some commands to load a preset and to change widgets sources.

WIDGET SOURCES

None	0
Inputs	[1, 16]
Screen (Preview)	[201-204]
Screen (Program)	[301-304]

AUDIO SOURCES

None	0
De-embedded audio from live inputs	[1 .. 16]
Dante 8ch audio groups	[101..104]
Analog audio inputs	[201..202]
Widgets content	[1001..1027]

CONTROL

General

Mvw_RefreshInfos	Digital_in	Pulse this signal to force the download and processing of information from the Alta 4K video processor. Most of the time, this signal is never used
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Widget

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_ToggleEnableWidget_Cmd[X]	Digital_in	Pulse the signal to toggle widget X availability
Mvw_WidgetSource_Cmd[X]	Analog_in	Assign a source to widget X
Mvw_WidgetTop_Cmd[X]	Analog_in	Set widget X top value
Mvw_WidgetLeft_Cmd[X]	Analog_in	Set widget X left value
Mvw_WidgetWidth_Cmd[X]	Analog_in	Set widget X width
Mvw_WidgetHeight_Cmd[X]	Analog_in	Set widget X height
Mvw_WidgetEnabled_FB[X]	Digital_out	Equals 1 when widget X is enabled
Mvw_WidgetSource_FB[X]	Analog_out	Widget X source
Mvw_WidgetTop_FB[X]	Analog_out	Widget X top value
Mvw_WidgetLeft_FB[X]	Analog_out	Widget X left value
Mvw_WidgetWidth_FB[X]	Analog_out	Widget X width
Mvw_WidgetHeight_FB[X]	Analog_out	Widget X height

Presets

Mvw_RecallPreset_Cmd	Analog_in	Recalls a preset
Mvw_PresetAvailable_FB[X]	Digital_out	Equals 1 when preset X is available
Mvw_LastPresetCalled_FB	Analog_out	The last preset index loaded
Mvw_PresetLabel_FB[X]	String_out	Preset X label

Audio

Mvw_Audio_CMD	Analog_in	Assign an audio source to the multiviewer output
Mvw_Audio_FB	Analog_out	The multiviewer output audio source

Preset_Available

Mvw_PresetAvailable_FB[X]	Digital_out	Equals 1 when preset X is available
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PresetLabel

Mvw_PresetLabel_FB[X]	StringI_out	Preset X label
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