

ANALOG WAY VIDEOCOMPOSITOR

Module: STILLS LIBRARY

Crestron 3-series

Date: **October 1st 2018**
Driver version: **V4.01**
Compatible with: **LiveCore™ Firmware v4.00.x or above**

GENERAL

This is an optional module to control LiveCore™ series image processors. It has been designed to set and retrieve the current frames and logos assignments from the pictures stored in LiveCore™ library. For a better experience, these addresses can also be connected to VT Pro-e image objects on panels (dynamic graphic property) that will get automatically updated when the library is modified (using the WebRCS).

CONNECTION

This module has to be connected to the main module (LiveCore_Main).

Control

Inter_connect_Modules

From_Module_Main	String_in	To be connected to the main module (LiveCore_Main)
Auto_Update_PB	Digital_in	Toggle the Auto_Update function
Refresh_All	Digital_in	Pulse for module initialization
To_Module_Main	String_out	To be connected to the main module (LiveCore_Main)
Auto_Update_FB	Digital_out	Status for the Auto_Update function. 1 for active.
Message_Txt	String_out	Status message to be displayed in user interface. To be connected to the main module (LiveCore_Main)
Refresh_In_Progress_FB	Digital_out	Module initialization in progress
Next_Module_Refresh_OS	Digital_out	To be connected to next module for daisy chain initialization

Update function:

This function allows module to forward all changes to the LiveCore™ processor automatically.

Default: set to 1. If set to 0, individual update has to be performed using [Large_Still_Update_PB\[X\]](#) or [Reduced_Still_Update_PB\[Y\]](#).

Check_frame

X is the frame index (1=>X)

Check_FrameX_Infos_PB	Digital_in	Pulse to refresh Frame X status
---------------------------------------	----------------------------	---

Check_logo

X is the logo index (1=>8)

Check_LogoX_Infos_PB	Digital_in	Pulse to refresh Logo X status
--------------------------------------	----------------------------	--

Sel_Still_Source

X is the frame index (1=>4)

Y is the logo index (1=>4)

Z is the library index (1=>4)

Large_Still_Update_PB[X]	Digital_in	Frame X refresh request
Reduced_Still_Update_PB[Y]	Digital_in	Logo Y refresh request
FrameX_Valid_FB	Digital_out	Frame X validity
Large_Still_Library_Source_Set[X]	Ana_in	Frame X assignment (from 1 to 100)
Reduced_Still_Library_Source_Set[Y]	Ana_in	Logo Y assignment (from 1 to 100)
Library_Source_Validity_FB[Z]	Digital_out	1 if source is valid. 0 if not
Library_Source_Is_Used_FB[Z]	Digital_out	1 if source is used. 0 if not
Library_Source_Is_Large_FB[Z]	Digital_out	1 if source is a large picture (default). 0 if not
Library_Source_Is_reduced_FB[Z]	Digital_out	1 if source is a reduced picture (default). 0 if not
Library_Source_Is_Dual_FB[Z]	Digital_out	1 if source is a dual picture (default). 0 if not