

ANALOG WAY LIVECORE

Module: SCREEN

Crestron 2-series & 3-series

Date: **March 06, 2014**
Driver version: **V1.01**
Tested with: **LiveCore Firmware v01.02.x and v01.03.x**

GENERAL

This is an optional module for LiveCore series control. It has been designed for one screen control. Consequently, one module per screen is to be implemented in the project.

CONNECTION

This module has to be connected to LiveCore_Main module.

Control

Inter_connect_Modules

From_Module_Main	String_in	To be connected to LiveCore_Main module
Input_Refresh_All	Digital_in	Pulse for module initialization
To_Module_Main	String_out	To be connected to LiveCore_Main module
Message_Txt	String_out	LiveCore_Screen module text status To be connected to LiveCore_Main module
Refresh_In_Progress_FB	Digital_out	Module status refresh in progress
Refresh_All_os	Digital_out	To be connected to next module for daisy chain initialization
Screen_Available_FB	Digital_out	Screen validity feedback (for main module)

General

Screen_Refresh_PB	Digital_in	Pulse to refresh screen status
Screen1_Take_PB	Digital_in	Take (according to selected mode)
Screen1_TBar_Set	Ana_in	TBar control. 0% TBar is down. 100% TBar is up
Background_Input_For_Prev_PB	Ana_in	Background selection for Preview (1 à 4)
Background_Input_For_Main_PB	Ana_in	Background selection for Main (1 à 4)
Screen_Name_FB	String_out	Screen label
Screen_Width_FB	Ana_out	Screen width (pixel)
Screen_Height_FB	Ana_out	Screen height (pixel)
Screen_NB_L_Valid_FB	Ana_out	Number of valid Layers for this screen
Screen_Take_FB	Digital_out	Take in progress status
Screen_TBar_FB	Ana_out	TBar feedback
Background_Input_For_Prev_FB	Ana_out	Background selected for Preview
Background_Input_For_Main_FB	Ana_out	Background selected for Main

Check Layer

X is the layer number (1=>24)

Check_LX_infos_PB	Digital_in	Pulse to refresh layer status
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Prev Layer

X is the layer number (1=>24)

Y is the Main or Preview

LX_Input_For_Y_Sel	Analog_in	Input selection for layer X on Y destination
LX_Border_Off_For_Y_PB	Digital_in	Pulse for border off on layer X for Y destination
LX_Border_Edge_For_Y_PB	Digital_in	Pulse for border edge on layer X for Y destination
LX_Border_Smoth_For_Y_PB	Digital_in	Pulse for border smooth on layer X for Y destination
LX_Border_Smoth_Edge_For_Y_PB	Digital_in	Pulse for border smooth edge on layer X for Y destination
LX_Border_Shadow_Edge_For_Y_PB	Digital_in	Pulse for border shadow edge on layer X for Y destination

Parameters

Number_Screen_0-7	Param	Set Screen number (1 module per screen)
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