

ANALOG WAY LIVECORE™

Module: INPUT

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 supports the main functions related to the LiveCore™ processor inputs.

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)
Refresh_All	Digital_in	Pulse for module initialization
To_Module_Main	String_out	To be connected to the main module (LiveCore_Main)
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

General

X is the input index (1=>24)

InputX_Available_FB	Digital_out	1 if Input X is available
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Check_input

X is the input index (1=>24)

Check_InputX_Infos_PB	Digital_in	Pulse to update Input X status
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INPUTX

X is the input index (1=>24)

Y is the plug index (0=>5)

InputX_Freeze_PB	Digital_in	Pulse to freeze/unfreeze Input X
InputX_Auto_Setting_PB	Digital_in	Pulse to start Input X auto-setting
InputX_Auto_Center_PB	Digital_in	Pulse to start Input X auto-centering
InputX_Plug_Select	Ana_in	Plug selection for Input X (see table below for values)
InputX_Name_FB	String_out	Input X label (16 char. Max)
InputX_Freeze_FB	Digital_out	Input X freeze status
InputX_Auto_Setting_FB	Digital_out	Input X auto-setting status
InputX_Auto_Center_FB	Digital_out	Input X auto-centering status
InputX_Auto_Center_Progress_FB	Ana_out	Input X auto-centering progress level (%)
InputX_Signal_Detected_FB	Digital_out	Input X Signal detected
InputX_HDCP_FB	Digital_out	Input X HDCP status
InputX_Used_In_One_Program_FB	Digital_out	1 if Input X is used in one screen Program or more
InputX_Used_In_One_Preview_FB	Digital_out	1 if Input X is used in one screen Preview or more

InputX_Signal_Format_Txt	String_out	Input X signal format (16 char. Max)
InputX_Active_Plug_FB	Ana_out	Input X selected Plug (see table below for value)
InputX_PlugY_Available_FB	Digital_out	Plug Y validity status for Input X
InputX_Signal_Width_FB	Ana_out	Input X signal width (pixel)
)InputX_Signal_Height_FB	Ana_out	Input X signal height (pixel)

Input Plugs

0	Analog Plug (HD15 socket)
1	Analog Plug (DVI socket)
2	DVI Plug (Single or dual link)
3	SDI Plug
4	HDMI Plug
5	DisplayPort Plug