

ANALOG WAY LIVECORE™

Module: INPUT

Crestron 3-series

Date: **February 06th 2019**
Driver version: **V4.02**
Compatible with: **LiveCore™ Firmware v4.00.x or above**

GENERAL

This is an optional module for controlling LiveCore™ series 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 |
|---------------------|-------------|---------------------------|

Check_input

X is the input index (1=>24)

| | | |
|-----------------------|------------|--------------------------------|
| Check_InputX_Infos_PB | Digital_in | Pulse to update Input X status |
|-----------------------|------------|--------------------------------|

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 |