

ANALOG WAY LIVEPREMIER™

Module: INPUTS SHARED

Crestron 3-series & 4-series

Date: **August 30th 2025**
Driver version: **V5.0.0**
Compatible with: **LivePremier™ Firmware V5.0.0 or above**

GENERAL

This module reads LivePremier™ inputs shared status.

Note:

- This module now provide two parameters to define the number of input the module is to handle, and the starting offset of the input index. Using an index of 0 will imply that the lowest input will start at 1.
- Shared input list is dynamic and limited to 16 inputs.
- This module is dynamic, meaning that if an input is shared or removed, then all of its relative information will appear or disappear at its position in the list.
- The list is a sorted list meaning that it is sorted each time an input is shared or unshared.

Control

Parameters

InputOffset	Integer	Value of the starting offset of the input managed by this module
InputNumber	Integer	Number of inputs managed by this module.

General

AW_IN_RefreshInfos	Digital_in	Pulse this signal to force information retrieval. Most of the time this signal is never use
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InputStatus

AW_In_Available_FB[X]	Digital_out	Equals 1 when input X is available, 0 otherwise
AW_In_SignalPresence_FB[X]	Digital_out	Equals 1 when a valid signal has been detected on input X, 0 otherwise

Hdcp

AW_In_HdcpToggle_Cmd[X]	Digital_In	Toggles an input HDCP status according to its feedback. HDCP status can be forced or default.
AW_In_HdcpDefault_Cmd[X]	Digital_In	Forces an input HDCP to go to its default mode, changing to HDCP when the content is.
AW_In_Hdcp_FB[X]	Digital_Out	Equals 1 when HDCP content compatibility is enabled for input X.

Freeze

AW_In_FreezeToggle_Cmd[X]	Digital_In	Freezes input X
AW_In_FreezeToggle_FB[X]	Digital_Out	Equals 1 when input X is frozen, 0 otherwise

In_Program

AW_In_UsedInProgram_FB[X]	Digital_Out	Equals to 1 when input X is displayed on a Screen or an Aux (program)
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In_Preview

AW_In_UsedInPreview_FB[X]	Digital_Out	Equals to 1 when input X is displayed on a Screen or an Aux (preview)
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Capabilities

AW_In_OutOfCapabilities_FB[X]	Digital_Out	Equals to 1 when input X cannot handle input signal.
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		This can happen when the input signal format is larger than the input selected capacity.
AW_In_Capabilities_FB[X]	String_Out	Information of the input capabilities as defined by Analogway

Format

AW_In_SignalWidth_FB[X]	Analog_Out	Input X signal width in pixels
AW_In_SignalHeight_FB[X]	Analog_Out	Input X signal height in pixels
AW_In_Format_FB[X]	String_Out	Input signal format (text): 'Width' x 'Height' in pixels

Label

AW_In_Label_FB[X]	String_Out	Input X label
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Shared infos

AW_In_URL_Prefix_Txt	String_In	URL prefix to build snapshots
AW_In_Val_FB[X]	Analog_Out	The real value of the shared input. If input 26 is shared as the 5 th signal, then AW_In_Val_FB[5] = 26
AW_In_Url_FB[X]	String_Out	The input image URL as the shared input list is dynamic

Backups

AW_In_BackupModeEnabled_FB[X]	Digital_out	Equals 1 when a source is in backup mode
AW_In_BackupMode_FB[X]	Analog_out	Equals 0 when there is no backup, 1 when backup is enabled but the source is the original one, 2 when backup 1 source is used 3 when backup 2 source is used
AW_In_BackupSource_FB[X]	Analog_out	Provides the active source number related to a live input
AW_InActiveSource_FB[X]	String_out	The label of the active source or the default tag label (ex: LIVE_XX) if a custom label is not provided to the source.