

# ANALOG WAY ALTA 4K

## Module: INPUTS

### Crestron 3-series & 4-series & VC-4

Date: **September 2025**  
Driver version: **V1.0.3**  
Compatible with: **Alta 4K Firmware v1.0.0 or above**

## GENERAL

This module provides information about the inputs of the Alta 4K video processor as well as some commands to switch on/off HDCP compatibility.

# CONTROL

## General

|                    |            |                                                                                                                                                     |
|--------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| AW_In_RefreshInfos | Digital_in | Pulse this signal to force the download and processing of information from the Alta 4K video processor. Most of the time, this signal is never used |
|--------------------|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

## Inputs\_status

|                            |             |                                                                   |
|----------------------------|-------------|-------------------------------------------------------------------|
| 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 is a signal is detected on input X, 0 otherwise     |
| AW_In_PlugUsed_FB[X]       | Analog_out  | The index of the plug used on input X (for multiplug inputs only) |

## Hdcp

|                          |             |                                           |
|--------------------------|-------------|-------------------------------------------|
| AW_In_HdcpToggle_Cmd[X]  | Digital_In  | Toggles HDCP for input X                  |
| AW_In_HdcpDefault_Cmd[X] | Digital_In  | Forces HDCP default mode for input X      |
| AW_In_Hdcp_FB[X]         | Digital_Out | Equals 1 when HDCP is enabled for input X |

## In\_Program

|                           |             |                                                                       |
|---------------------------|-------------|-----------------------------------------------------------------------|
| AW_In_UsedInProgram_FB[X] | Digital_Out | Equals to 1 when input X is displayed in a Screen or an AUX (Program) |
|---------------------------|-------------|-----------------------------------------------------------------------|

## In\_Preview

|                           |             |                                                                       |
|---------------------------|-------------|-----------------------------------------------------------------------|
| AW_In_UsedInPreview_FB[X] | Digital_Out | Equals to 1 when input X is displayed in a Screen or an AUX (Preview) |
|---------------------------|-------------|-----------------------------------------------------------------------|

## Format

|                          |            |                                                                  |
|--------------------------|------------|------------------------------------------------------------------|
| AW_In_SignalWidth_FB[X]  | Analog_Out | The signal width in pixels for input X                           |
| AW_In_SignalHeight_FB[X] | Analog_Out | The signal height in pixels for input X                          |
| AW_In_Format_FB[X]       | String_Out | The signal format for input X (syntax: Width x Height in pixels) |

## Label

|                   |            |                                                         |
|-------------------|------------|---------------------------------------------------------|
| AW_In_Label_FB[X] | String_Out | The label for Input X as configured through the Web RCS |
|-------------------|------------|---------------------------------------------------------|