**Mode Handler:**

Reacts to input timing changes and configures the video processor to display the input.

* Tracks input signal stability transitions.
* On transition to stable input timing, determines the input video/graphic mode based on the input timing information.
* Performs Mode Setup if the input timing represents a valid and supported mode.
* Tracks changes in aspect ratio of the input image and rescales the display based on user preferred scaling property.
* Tracks user requests for change in display scaling property and accordingly rescales the displayed image.