









Change video standard

Aim

To specify the correct video standard to be used by the Pico Alert PCIe card.

Procedure

1. Open **Video settings** the first time you select the Pico Alert PCIe card.

Video Settings						
	Use	Video name	Video device		Frame rate	Resolution
1	<input checked="" type="checkbox"/>	Video 1	Euresys Pico Alert board sn/6144 - VID1		25.00	768 x 576
2	<input checked="" type="checkbox"/>	Video 2	Euresys Pico Alert board sn/6144 - VID2		25.00	768 x 576
3	<input checked="" type="checkbox"/>	Video 3	Euresys Pico Alert board sn/6144 - VID3		25.00	768 x 576
4	<input checked="" type="checkbox"/>	Video 4	Euresys Pico Alert board sn/6144 - VID4		25.00	768 x 576
5	<input type="checkbox"/>	Video 5	Select video device...			
6	<input type="checkbox"/>	Video 6	Select video device...			
7	<input type="checkbox"/>	Video 7	Select video device...			
8	<input type="checkbox"/>	Video 8	Select video device...			

2. Select the correct video standard, depending on your cameras. It's typically PAL for Europe and NTSC for the US. You need to do this four times, selecting all four channels from the **Board** drop-down box (channels are numbered #0-#3). Press **Apply** after setting the correct Video Standard for each channel.

The screenshot shows the 'Euresys Source Filter Properties' dialog box with the 'Configuration' tab selected. The dialog has three tabs: 'Adjustment', 'Configuration', and 'Compression'. The 'Configuration' tab contains several sections: 'Camera' with a 'Video Standard' dropdown set to 'PAL' (highlighted with an orange box), 'Monochrome' and 'Broadcast' checkboxes, 'Source' with 'Board' and 'Connector' dropdowns, 'Capture Region' with 'Size X (%)', 'Position X (%)', 'Size Y (%)', and 'Position Y (%)' fields, 'Output Format' dropdown set to 'AUTO', and an 'Individual Control' checkbox. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

Euresys Source Filter Properties

Adjustment Configuration Compression

EURESYS
Excellence in vision
Video Capture Boards

Camera

Video Standard: ☒ PAL ☐ NTSC

Monochrome ☐

Broadcast ☐

Source

Board: #0 - ALERT_PCl_e_6144

Connector: VID 1

Capture Region

Size X (%): 100

Position X (%): 0

Size Y (%): 100

Position Y (%): 0

Output Format

AUTO

☐ Individual Control

Settings above apply to Capture Pin

OK Cancel Apply

You should see the preview after setting the Video Standard correctly. Failing this will result in a black preview. You can only modify this setting the first time before the preview is running, after that it will become disabled. To be able to modify it, simply deselect the camera from the video inputs, and then select it again, to make the setting editable once more.

Revision #3

Created 29 November 2023 22:52:43

Updated 2 January 2024 16:51:01