Contents

Supported Modes

The following table shows the graphics modes and board configurations for which accelerated video playback is supported.

	640x480	800x600	1024x768	1280x1024*
4 bpp**	GUPRO A/B/C GU+ A/B/C	GUPRO A/B/C GU+ A/B/C	GUPRO B/C	GUPRO C
8bpp Palette Mgr. On	GUPRO A/B/C GU+ A/B/C	GUPRO B/C GU+ B/C	GUPRO B/C	GUPRO C
8 bpp*** Palette Mgr. Off	GUPRO A/B/C GU+ A/B/C	GUPRO B/C GU+ B/C	GUPRO B/C	GUPRO C
16 bpp (Recommended)	GUPRO B/C GU+ B/C	GUPRO C	GUPRO C	N/A
24 bpp	Unaccelerated Playback	Unaccelerated Playback	N/A	N/A

GUPRO = Graphics Ultra Pro (or VRAM-based OEM mach32 product)
GU+ = Graphics Ultra+ (or DRAM-based OEM mach32 product)
A = 512K video memory installed
B = 1MB video memory installed
C = 2MB video memory installed

* Playback performance is negatively impacted by increases in screen resolution.

** Users may experience color degradation. Acceleration of 4bpp mode can be enabled or disabled. With acceleration disabled in this mode, the color quality is improved. Please see README file for details.

*** Users may experience color degradation.

For optimal performance of video clips, the following settings are suggested for the ATI FlexDesk parameters:

Resolution - 640 x 480
Colors - 65,000 (16-bit)
Desktop - No effect
16 bpp RGB Mode - 5/6/5

Brightness

This control will adjust the brightness of images in the <u>playback window</u>.

See also:

<u>Contrast</u>

Brightness   ◄   ►   0

Contrast

This control will adjust the contrast of images in the <u>playback window</u>.

See also:

<u>Brightness</u>

Contrast ◄ □ ► 256

Saturation

This control will adjust the color saturation of images in the playback window. This control is often labelled "color" on television sets.

See also:

Hue

| Saturation | ◄ | | ► | 256 |

Hue

This control will adjust the "hue" or "tint" of images in the playback window. Increasing values shift colors towards red and decreasing values towards green. This control is often labelled "hue" on television sets.

See also:

Saturation

Hue [slider control] 0

Grey Scale

This box shows the current range of grey levels that will occur in images. This range of grey levels is effected by the contrast and brightness controls.

See also:

[Brightness](#)

[Contrast](#)

Colors

This box shows 8 colors which are all the possible combinations of the three primary colors red, green and blue.   Starting from the left-most side of the box, the colors are: white, yellow, aqua, green, magenta, red, blue and black. The saturation of the colors is affected by the saturation control and the tint of the colors is affected by the Hue control.

See also:

Hue

Saturation

Color

Buttons

OK	Use these settings.
Cancel	Leave without affecting settings.
Save As Default	Save the settings to be used in the future.
Get Defaults	Retrieve the last saved settings.
Reset	Set the settings to the "factory-default" values.
About	Information on the ATI Video driver.
Help	Information on using the ATI Video Controls.

Special Effects

NOTE: The features identified in this topic may not be available on some ATI Graphics Ultra+ and Graphics Ultra Pro boards. You will know that these features are not available with your board if the buttons are not shown in the "ATI Video Controls" dialog.

<u>Horizontal Color Interpolation:</u> When the playback window is stretched exactly 4 times horizontally, the additional pixels are linearly interpolated between the original pixels. This has a smoothing effect on the image and removes sharp edges in the horizontal dimension.

<u>Vertical Color Interpolation:</u> When the playback window is stretched exactly 4 times vertically, the additional pixels are linearly interpolated between the original pixels. This has a smoothing effect on the image and removes sharp edges in the vertical dimension.

playback window

The window in which the AVI movie is played.