

## 90-3286 LYNX GREENMACHINE APP - VIDEO ADJUSTMENTS For 1x processing channel



### VIDEO ADJUSTMENTS APP

The Video Adjust APP provides a range of video processing functionalities including a YUV Video Processing Amplifier (e.g. Saturation, Gain etc.), Blanking Interval Deletion, Horizontal Flip, as well as a basic YUV video legalizer (clipping).

This APP is available per processing channel and is part of the Image Processing group of APPs.

#### Settings & Features:

##### Miscellaneous

Clip Y,Cr,Cb Headroom: If activated all Luminance (Y) values below 64 and above 940, and all Chrominance (Cr,Cb) values below 64 and above 864 will be clipped to avoid signal values below black level and above white.

Horizontal Flip: Mirrors the video signal horizontally

##### Blanking Interval Deletion

H-Blanking: Deletes/cleans up the horizontal blanking area  
V-Blanking: Deletes/cleans up the vertical blanking area

##### Proc Amp (YUV)

Gain: The video gain can be adjusted from -100% (black) to +100% (x2). Default 0% introduces no gain.  
Saturation: Colour saturation is adjustable from -100% (no color) to +100%. Default is 0%.  
Black Level: The video black level can be adjusted by  $\pm 7.5$  IRE (1 IRE = 7,14mV). Default is 0 IRE.  
Hue: The colour space can be adjusted from -180 degrees to +180 degrees. Default is 0 degrees.

##### Aperture

Horizontal aperture correction (Y) can be used to sharpen the video signal. The aperture correction ranges from 0 to 80. Default is 0.



This 'APP' is already installed in the greenMachine hardware unit and can be trialed on a test basis to check performance and system compatibility. An APP purchase provides an unlock code which is emailed to you by Canford's Customer Services team after purchase and verification of the serial number of the greenMachine on which it will be installed. The verification process takes place during normal business hours; overnight and weekend purchases will be processed the next working day. For very urgent requirements or out of working hours, APP licences can be purchased directly from the greenStore by logging in from greenGUI and making payment using a credit card or PayPal.