Dream Scaler 3

VRS by Anchor Bay

1080p Full HD

More sophisticated Video Processing and Picture Control

- **VRS™ engine enhanced**

The entire architecture of the VRS engine has been reviewed and designed with more complex and sophisticated algorithms, the VRS engine processor competes with the most powerful professional equipment giving full control on the picture settings.

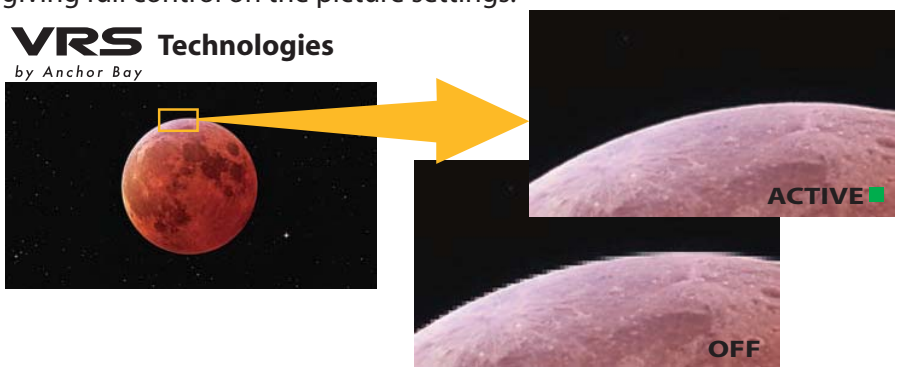


Figure 1.
The new VRS Precision Video Scaling II™: Incomparable picture sharpness control that features a very smooth and detailed picture at any scale. Also enjoy the exclusive electronic zoom function to magnify any details of your movie.

- **Full HD** support

The new 10-bit video processor can fully process any video signal up to 1080p resolutions, that includes the prestigious film cadenced 1080p24 format that is supported by only a few high-end projectors and flat screens. That means also that the scaler can be used to adapt the unusual formats like 1080p24 to the best suitable resolution and framerate of your display without lags or motion artefacts.

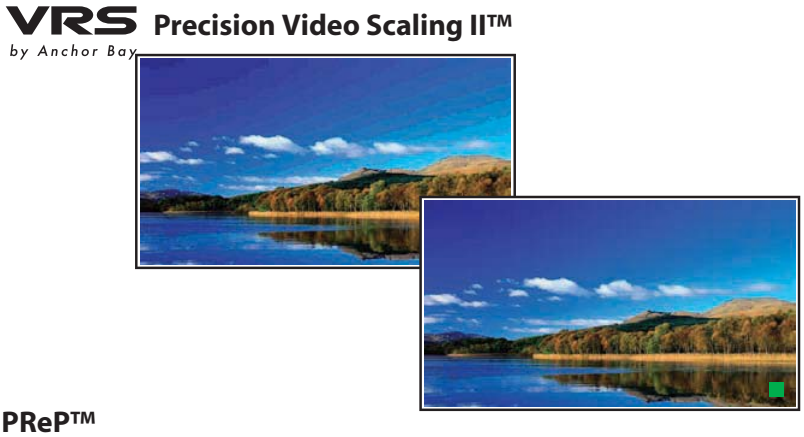


Figure 2.
Entirely completed on 10 bits, the video processing ensures a seamless picture.

- **PReP™**

The new scaler introduces the Progressive Re-Processing technology which is capable to process poor progressive signal as an original interlace source, and thus apply the unbelievable Precision De-interlacing™ algorithms to inverse-cine, film mode de-interlace. Virtually gives the advantage to magnify any interlaced or progressive source into a pure, motion artefact-free 1080p video signal.

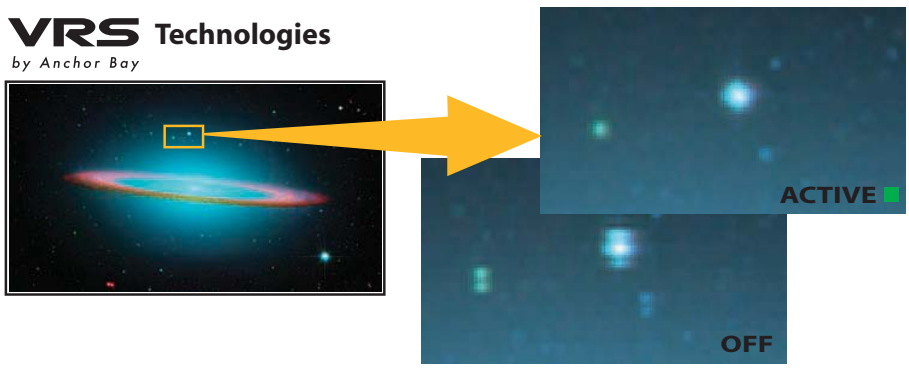


Figure 3.
PReP™ with De-interlacing™ processing will clean up and improve the active input.

Easy installation

- **Larger system Integration**
  The VRS Precision De-Interlacing™ core has been integrated into the main processor and has been enhanced to fully support 1080i processing. There is no optional card to install as the Precision Deinterlacing™ features are completely integrated. The Deinterlacing Menu gives access to advanced video processing options such as Game Mode, 5-field motion adaptive deinterlacing or inverse-cine algorithms to obtain a pure and smooth picture from any sources, including HDTV programs or entry level HD-dvd players.

- **Automatic Frame Rate conversion**
  The exclusive Automatic Frame Rate conversion detects the source frame rate and automatically select the best output format. Typically, you can switch from NTSC signal to PAL/SECAM, the video processing would automatically configure the needed conversion to obtain the best picture.

Panorama and Game Mode

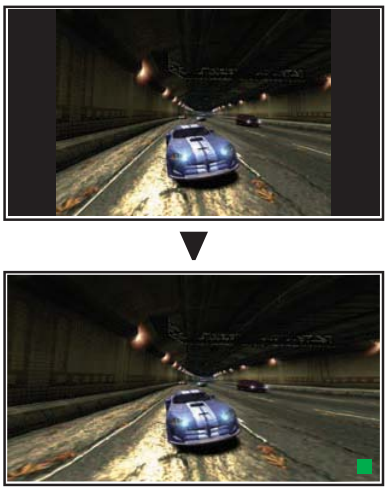


Figure 4.
Experiment a complete immersion with the Panorama stretching and the dedicated Game Mode processing.

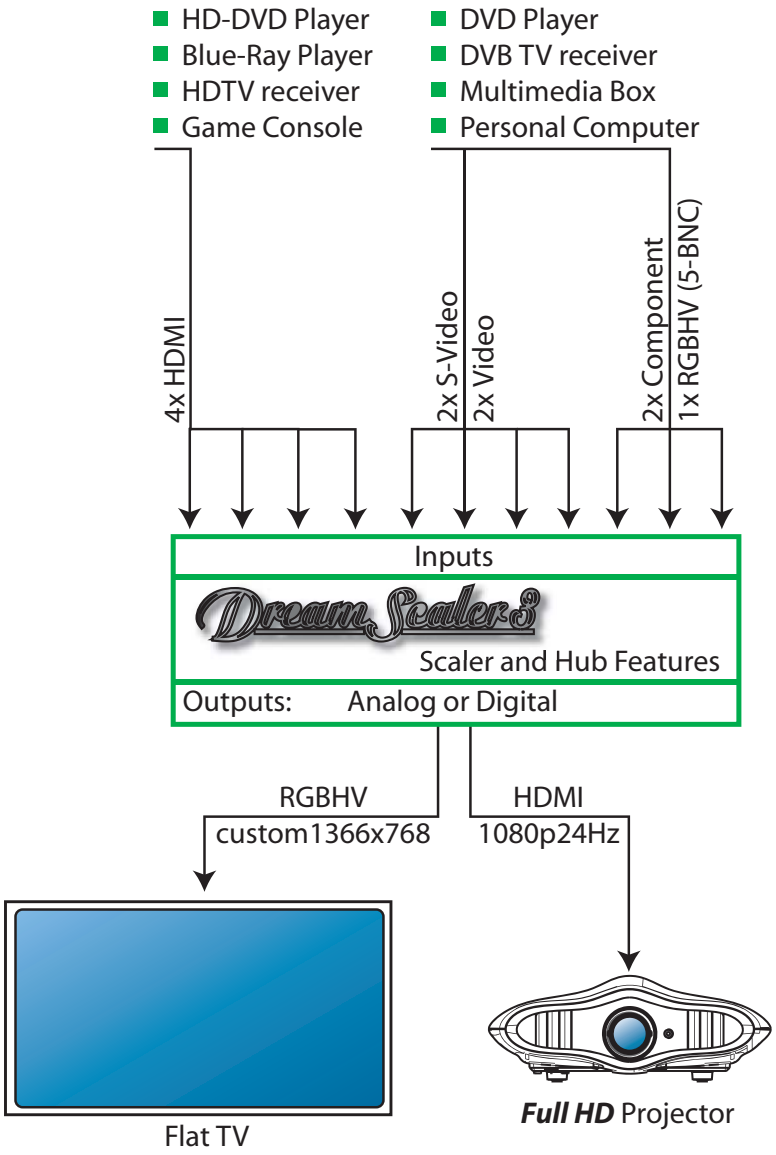
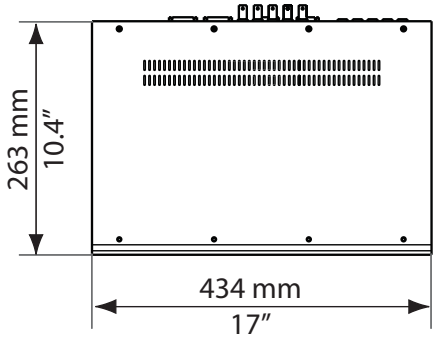
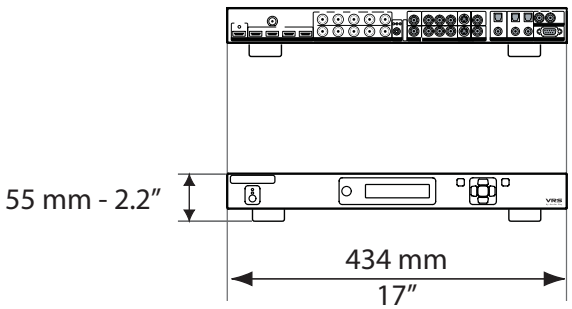


Figure 5.
Connect up to 12 Audio Video sources to the scaler and choose among the two available display outputs: the digital HDMI or the analog RGBHV. Select and configure the output to the best resolution and framerate for your display.





Video Inputs	Supported Formats
4x HDMI with HDCP	480i/p, 576i/p, 720p, 1080i/p and VGA-SXGA 60Hz
1x RGBHV (5-BNC)	480i/p, 576i/p, 720p, 1080i and VGA-SXGA 60Hz
2x Component (YPbPr or RGB/S)	480p, 576p, 720p and 1080i
2x Composite	NTSC, PAL and SECAM
2x Video	NTSC, PAL and SECAM
1x SD-SDI	480i60 and 576i50 (Optional SD-SDI Input ref.S7011030 required)

Audio Inputs
4x HDMI
2x assignable Coaxial Digital
2x assignable Optical Digital
1x assignable Analog Pair (L/R)

Video Processing
VRS Precision Deinterlacing™ technology (Motion, Edge and Source-Adaptive Deinterlacing)
VRS Precision Video Scaling II™ technology (10-bit Scaling with Sharpness Control)
PReP™ (Progressive Re-Processing of 480p, 576p and 1080p sources)
Precision Gamma Correction (Individual color adjustment for Red, Green and Blue channels)
Rightrate™ (High performance Framerate Conversion for 24Hz, 48Hz and 72Hz outputs)
AutoCUE-C™ (Automatic Chroma Upsampling Error detection and correction)

Special Features
4x HDMI Inputs from 480i up to 1080p24/50/60Hz Full-Processing
Custom Aspect Ratio Controls for Constant Image Height/Width (CIH, CIW) Installations
10 Display Profiles to memorize the input and output configurations
Full-Frame Timebase Correction
10-bit Video Processing
Advance Picture Control: Brightness, Saturation, Hue, Sharpness, Y/C Delay, Ovescan, 2x Electronic Zoom

Audio/Video Output	
Video Outputs	1x HDMI 1080p50/60Hz output resolution (configurable from 1080p down to 480p)
	1x RGBHV analog output configurable for YPbPr, RGBHV, RGB/S or RGB
Audio Outputs	1x Coaxial Digital
	1x Optical Digital

General Specifications	
Power Consumption	45W (3W in standby mode)
Power Supply	AC100-240V 50/60Hz
Dimensions (WxHxD)	434 x 55 x 263 mm - 17” x 2.2” x 10.4”
Net Weight	3.2 kg - 7.0 lbs

DreamVision
WE MAKE THE WORLD DREAM

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