

# Radiance 2022/2042™

## Video Processor



### Inputs

Ten video inputs:

- 4 HDMI 1.4a, up to 1080p60
- 2 Component (SD/HD)
- 2 Svideo
- 2 Composite

Eleven audio inputs:

- 4 HDMI, 2 stereo, 2 optical and 3 COAX

### Outputs

Two HDMI™ 1.4a outputs for video/audio

Output 1 up to 1080p60

Output 2 up to 4K UltraHD for 2042  
(2022 limited to 1080p60)

One COAX audio

### Key Features

- Proprietary Lumagen No-Ring™ scaling
- Darbee Visual Presence™ (DVP) technology
- Support HDMI 1.4 3D scaling and calibration
- Each input has 4 user configuration memories
- Each memory has 8 resolution sub-memories
- Most input settings (including DVP) are per input, input memory, and input resolution
- Eight output configuration memories
- 10 bit front-end, 12+ bit calibration, processing
- 2:2, 3:2 and 3:3 pull-down for SD/HD film sources
- Per-pixel SD/HD video de-interlacing
- Adaptive diagonal filtering
- MPEG mosquito and block artifact reduction
- Temporal noise reduction for SD/HD sources
- User programmable non-linear-stretch (NLS) mode
- 4:3, LBOX, 16:9, 1.85, 2.35 and NLS input aspect ratios
- Extensive 2D/3D anamorphic lens support
- Extensive suite of test patterns
- Gamma-Factor coarse Gamma calibration
- 21-point Parametric Gamma calibration
- 21-point Parametric grayscale calibration
- 729-point Linear-Gamma RGB color palette
- Programmable input/output color-space
- Y/C-delay calibration
- User-adjustable image enhancement
- CUE and ICP filtering
- 2042 supports up to 4K out (2160p@30Hz)
- 2022 supports 2K output (1080p@60Hz)
- Output aspect ratio from 1.33 to 2.50
- Eight channel audio to 192 kHz
- IR and RS232 control inputs
- Wired IR format command input
- Universal power supply
- Power consumption 25 Watts
- Field upgradable software
- Optional rack mounting ears

### View of back panel



For details and availability visit [www.lumagen.com](http://www.lumagen.com)

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