

# RadianceXE-3D

## Video Processor



### Inputs

Eighteen video inputs: 6 HDMI (SD/HD),  
4 Component (SD/HD), 4 SVideo and 4 Composite

Eighteen audio inputs: 6 HDMI, 4 stereo,  
2 optical and 6 COAX

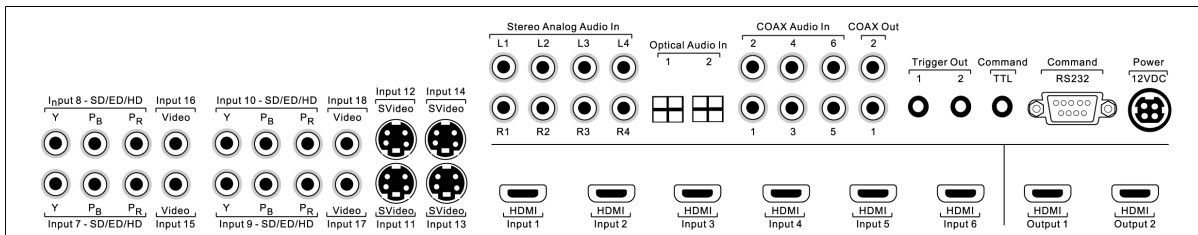
### Outputs

Two HDMI video outputs

Two COAX audio outputs

### Key Features

- 10-bit processing
- Proprietary Lumagen No-Ring™ scaling
- HDMI 1.4 3D processing and scaling
- Each input has 4 user configuration memories
- Each memory has 8 resolution submemories
- 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
- Output resolution from 480p to 1080p, plus 1080i
- User programmable non-linear-stretch (NLS) mode
- 4:3, LBOX, 16:9, 1.85, 2.35 and NLS input aspect ratios
- Programmable output aspect ratio from 1.33 to 2.35
- Extensive support for anamorphic lenses
- Automatic detection for NTSC, PAL and SECAM
- Extensive suite of test patterns
- Parametric grayscale calibration
- Parametric Gamma calibration
- CMS system with 3D color lookup table
- Programmable input/output color-space
- Y/C-delay calibration
- User-adjustable image enhancement
- CUE and ICP filtering
- Eight channel audio at 192 kHz
- Two 12-volt trigger outputs
- IR and RS232 control
- LVTTTL IR format command input
- Universal power supply
- Power consumption 20 watts
- Rack mounting ears



View of back panel

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

Lumagen Inc.  
Beaverton, OR

# Lumagen

Phone 503-574-2211  
Fax 503-296-2384  
Email [sales@lumagen.com](mailto:sales@lumagen.com)