

RadianceXD

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
- 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
- Programmable input/output color-space
- Y/C-delay calibration
- User-adjustable image enhancement
- CUE and ICP filtering
- Eight channel audio at 96 kHz
- Two 12-volt trigger outputs
- IR and RS232 control
- LVTTL IR format command input
- Universal power supply
- Optional external SDI to HDMI converter
- Optional external HDMI to analog converter
- Optional ears for rack mounting

View of back panel



For details and availability visit www.lumagen.com

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