

# RD 65

## The Next Generation of HDTV

OptomaTV. With breakthrough DLP™ technology, OptomaTVs deliver unparalleled clarity, contrast, and color. Image quality is further enhanced with pure digital signal processing from source to screen, 720 progressive scan resolution, and native 16:9 widescreen format which eliminates image distortion.

- ◆ Next generation HD-2 Digital Light Processing™ technology from Texas Instruments
- ◆ HDTV-ready at native 16:9 format for 480p, 1080i and 720p signals
- ◆ Precision Pixel Matching technology for 1:1 scan conversion
- ◆ Multiple connectors (DVI, BNC RGB, composite, S-Video, RF, VGA, YPbPr)
- ◆ DVI connector ensures compatibility with future digital devices
- ◆ Individual picture adjustment memory for each input source
- ◆ Nine display formats for flexible resizing and display
- ◆ Two-tuner Picture-in-Picture/Picture-on-Picture



## Specifications

### Screen

Non-reflective, fine-grade, 0.15 mm screen-pitch display

### Maximum Resolution

1,280 x 720 for High Definition TV (720p formatted media)

### Contrast Ratio

1500:1 (typical)

### Brightness

400 nits (typical)

### Lamp Type

120-watt UHP

### Lamp Life

6,000 hours

### Multimedia Audio

MTS Stereo/SAP (applied to NTSC only)  
Two 15-watt speakers

### Video Compatibility

480i (SDTV), 480p (EDTV), 1080i, 720p (HDTV)

### Computer Compatibility

VGA, SVGA (800 x 600), XGA (1,024 x 768), 1,280 x 720, SXGA (1,280 x 1,024)

### Image Processing Technology

- Precision Pixel Matching technology for 1:1 scan conversion
- Unique Color Gamma fine-tuning can be manually adjusted
- DVDO 504 Progressive Processing for artifact-free scaling
- 3D Digital Comb Filter for sharp and noiseless video signals

### Dimensions (W x H x D)

59.5 x 51.7 x 22.0 inches

### Weight

215 pounds

### Power Supply

AC input 90-260V; Input Frequency: 50-60Hz with PFC

### Power Consumption

300 watts at normal operation  
Standby mode < 35 watts

### I/O

DVI, BNC RGB, Composite, S-Video, RF, VGA, YPbPr

### Limited Warranty

One-year limited parts and labor

### Awards

CES Innovations Award, 2003  
EHX Finalist, 2003