

# Optoma **HD3000**



## HD3000

**Excellent video processor reborn image quality of digital projector & DTV**  
**Professional Processor for Your Digital Home Theater**



### Perfection design for Home theater

- Whole 10-bit video processor provide fine, pure and delicate and 30-bits color enhancement engine provide true vivid color.
- All image output capability support up 1080p via HDMI(\*1)
- 4 different image gamma with 10-step with multi adjust-range Gamma enhancement
- User-defined Color Temperature support 6 adjustment item: RGB Contrast and Brightness
- Advanced content-specific automatic contrast, brightness, and color enhancement (\*2)
- Six display format (include three user definable aspect ratios)
- Separate zoom( V & H ) and Image shift ( V & H)controls

### Powerful image processing and professional interface

- User selectable 6-color (RGBCYM) : independent 15-region saturation and hue adjustments interface
- Advanced user definable edge processing engine: Coring limits and 2-region enhancement controls for minimizing boundary artifacts
- Advanced Edge Masking with independent adjustment on four sides with user-defined masking color.(\*3)
- Demo function allows side-by-side comparisons of enhancement effects before and after IMAGE ENGINE

### Other feature include

- Build-in Studio-grade professional scalar Gennum GF9350
- Friendly Control and Operation
- Brushed anodized aluminum case and gild video connector for high image quality
- Back-light remote control with direct key functions
- Discrete commands for Remote Control and RS232
- Image Switcher up to HDMI x 3 and components x 5

(\*1) It also support other resolution output for native image for digital displays

(\*2)When feeding component and RGB signal will support.

(\*3) For dark theater and avoid PDP burning purpose

Specifications	HD3000
Image Processor Technology	Gennum High-End video image processor (scalar.) and powerful 30 bits full color image processor
HDMI Output Resolution support	(1) <b>1920 x 1080 (1080p)</b> , (2) <b>1366 x 768</b> , (3) <b>1280 x 768</b> , (4) <b>1280x 720 (720p)</b> , (5) <b>1024 x 768</b> , (6) <b>1024 x 576 (576p)</b>
Video Compatibility	HDTV (480p, 576p, 720p, 1080i), 480i, 576i, Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM, Computer capability up to XGA
Image shift	Up/Down, Left/Right digital Image shift
Aspect Ratio	16:9, 4 X 3, Native, LBX
Input / Output Connections	<p><b>Input</b> :HDMI x3, HDMI from AV receiver (*), Component YCbCr/ YPbPr (RCA) X 2, VGA(D-sub) X 1 Analog RGBHV &amp; Component YCbCr/ YPbPr(BNC) X 2 S-Video X 3, Composite Video(RCA) X 3, RS-232 for control X 1 IR Module port X 1, IR receivers x 1</p> <p><b>Output</b> : HDMI X 1 (To Display), HDMI to AV receiver (*), +12V Relay output X 2, (* ) For link to AV receiver with HDMI input.</p>
Power Supply	Universal AC 100 - 220 volts, 50/ 60Hz
Power Consumption	45W (Operating), < 4.3W(Stand by) at 110 V
Dimensions (W x D x H) / Weight	433 x 285 x 50 (mm) / 7 pounds (4.2kg)



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