






# 3D HOME THEATER PROJECTOR HD8300

**Optoma**  
Projector Expert

## DESIGNED FOR SMOOTH AND SUBTLE HOME THEATER PROJECTION



-  Enjoy 3D or 2D high-definition video in Full 1080p
-  Ensure best picture quality with ISFccc Day and Night modes with full CMS
-  Sync with 3D-RF glasses from anywhere in the room with RF emitter
-  Three-year Exchange Projector Warranty and Two-year Lamp Warranty
-  Ensure optimal projector placement with lens shift and 1.5X zoom

Full 3D  
1080p

HDTV  
MONITOR

HDMI  
HIGH DEFINITION MULTIMEDIA INTERFACE



PICTURE BY  
DLP  
TEXAS INSTRUMENTS

isf  
ccc

TRUE HD  
1080p

AVAD



Optoma's HD8300 delivers high-quality color and smooth motion performance for unbeatable home theater performance. This projector uses the latest 1080p DarkChip3 DLP® technology by Texas Instruments and delivers 1500 lumens brightness and 30,000:1 contrast ratio with DynamicBlack. PureColor technology ensures vivid, balanced and uniform color for vibrant and natural looking images. Lens shift capabilities allow installers to optimize performance for the layout and room size of each individual installation. Meanwhile, ISFccc calibration lets the technician capture best picture quality for the environment and lighting conditions. Support for both 2D and 3D operation ensures that viewers can enjoy the broadest array of media today and into the future.

## 3D HOME THEATER PROJECTOR — HD8300

### OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" 1080p DarkChip3™ DLP Technology by Texas Instruments
Native Resolution	1080p (1920 x 1080) 2D/3D
Brightness	1500 ANSI Lumens
Contrast Ratio	2000:1 (full on/full off) 30,000:1(max) w/ DynamicBlack
Displayable Colors	1.07 Billion
Lamp Life and Type†	4000/3000 Hours (STD/Bright) 280W P-VIP
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±5° Vertical
Uniformity	85%
Aspect Ratio	Native 16:9, fully automatic 2.35:1 with anamorphic lens
Throw Ratio	1.50 to 2.25
Projection Distance	4.9' to 32.8' (1.5 to 10m)
Image Size	29.8" to 297.3" (0.76 to 7.55m)
Projection Lens	Standard: F= 2.45-2.9, f = 22.18-33.27 mm, 1.5x manual zoom and focus
Noise Level	28dB
Remote Control	Backlit remote control with discrete IR codes for power and source selection, magnetically attached convenience remote
Operating Temperature	41 to 95°F (5 to 35°C), 85% max humidity, adjustable fan speed for high altitude application
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	360 watts (bright), 305 watts (STD), <0.5 watt (standby)
Image Processing	True 10-Bit full HD processing 3 stage Optoma image processing and 9-step manual setting
Iris Control	DynamicBlack Technology

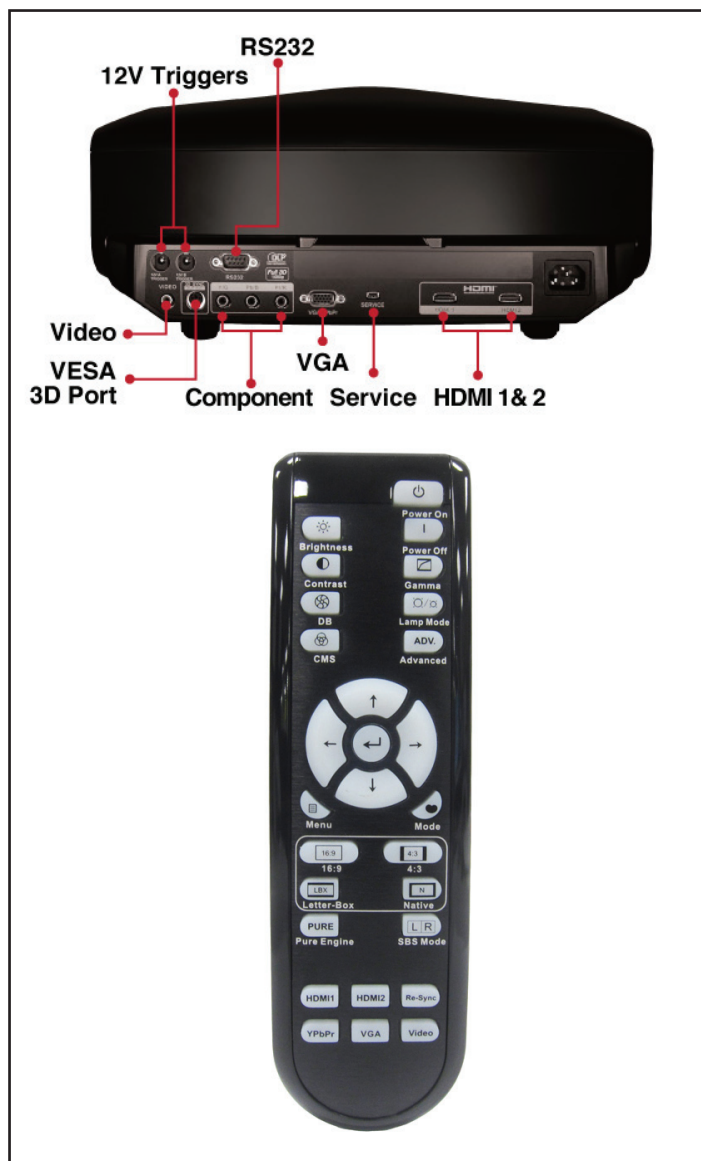
### COMPATIBILITY SPECIFICATIONS

Computer Compatibility	HD, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Compatibility	1080P 3D, 720p 3D, HD (1080i/p, 720p), EDTV (480p/576p), NTSC, PAL, SECAM
Vertical Scan Rate	15.3 to 91.1 kHz
Horizontal Scan Rate	24 to 85 Hz, 120Hz
User Controls	Complete on-screen menu adjustments in 22 languages
I/O Connection Ports	Two HDMI v1.4a, VGA-In, composite video, component video, RS-232, Two 12V triggers, mini USB-B, VESA 3D port

### PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port
Weight	18.5 lbs (8.4 kg)
Dimensions	14.6" x 7.6" x 19.3" (371 x 194 x 490mm)

\*Lamp life is dependent upon many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.



#### Warranty

Three-years Optoma Express Replacement Service, two-year on lamp

#### In the Box (Standard Accessories)

AC power cord, composite video cable, remote control, secondary convenience remote, RF emitter, batteries for remote, lens cap, user's manual, quick start card, and warranty card

#### Optional Accessories

Ceiling mount, HDMI cable, VGA cable, S-video cable, component cable, lens option, anamorphic lens kit, and Panoview™ Series screens, DLP link glasses, 3D-RF glasses

UPC: 796435 41 718 5

[www.OptomaUSA.com](http://www.OptomaUSA.com)

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Projector Expert

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