

## HD33 - Home Theater Projector

### High-Definition & 3D-Capable

The Optoma HD33 redefines and takes the high-definition 3D home theater experience to a whole new level. With native 1080p resolution, the HD33 delivers impressive 2D and 3D images with great detail for superior image quality. With its sleek portable design, the Optoma HD33 is perfect for sharing big-screen movies, sporting events and games.

**3D content can be viewed with active LCD shutter glasses or RF glasses when projector is used with compatible 3D player. Please visit [www.optoma.com](http://www.optoma.com) for more information.**

### Features

- Bright at 1800 ANSI lumens and contrast ratio of 4000:1
- 3D-capable for Blu-ray and gaming consoles
- Up to 300" screen size for large group viewing
- Backlit IR remote control
- Features Texas Instruments 1080p DLP® chipset
- PureMotion image processing ensures smooth, judder-free images

#### Display Type

Single 0.65" DC2 1080P DMD DLP Technology by Texas Instruments

#### Resolution

Native 1080p (1920x1080) 2D/3D

#### Brightness (Typical)

1800 ANSI Lumens

#### Contrast Ratio

4000:1 (Full On/Full Off)

#### Lamp Life and Type

4000/3000 Hours (STD/Bright)  
230W Osram

#### Throw Ratio

1.5 to 1.8:1 (Distance/Width)

#### Projection Distance

4.92' to 32.8' (1.5 to 10m)

#### Image Size (Diagonal)

37.6" to 301.1" (0.95 to 7.64m)

#### Aspect Ratio

16:9 Native, 4:3 and 16:10  
Compatible

#### Displayable Colors

1.07 Billion

#### Uniformity

80%

#### Offset

116%

#### User Controls

Complete On-Screen Menu  
Adjustments in 21 Languages

#### Remote Control

Backlit Remote Control

#### Computer Compatibility

HD, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible

#### Video Compatibility

NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)

#### 3D Compatibility

Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format

#### Projection Lens

F= 2.55-2.87, f= 22.4-26.8mm,  
1.2x Manual Zoom and Focus

#### Horizontal Scan Rate

15.3 to 91.1 KHz

#### Vertical Refresh Rate

25 to 85 Hz, 120Hz

#### I/O Connectors

Two HDMI v1.4a, VGA-In, Component Video, Composite Video, Mini-din (IR Emitter), RS-232 and +12V Trigger, VESA 3D Port

#### Security

Kensington® Lock Port

#### Projection Method

Front, Rear, Ceiling Mount, Table Top

#### Weight

7.7 lbs (3.5kg)

#### Dimensions (W x H x D)

14.17" x 4.52" x 12.24"  
(360 x 115 x 311 mm)



#### Noise Level (STD/Bright)

28dB/30dB

#### Keystone Correction

± 5° Vertical

#### Operating Temperature

41° to 95°F (5° to 35°C), 85% Max Humidity

#### Power Supply

AC Input 100-240V, 50-60Hz,  
Auto-Switching

#### Power Consumption

330 Watts (Bright), 270 Watts (STD), <0.5 Watt (Standby)

#### Standard Accessories

AC Power Cord, Composite Video Cable, RF Emitter for 3D Glasses, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Quick Start Card and Warranty Card

#### Optional Accessories

Ceiling Mount, Component Cable, HDMI Cable, RS-232 Cable, and Panoview™ Series Screens, DLP 3D Glasses, RF Glasses

#### Warranty

One-Year Limited Parts and Labor,  
90-Days Lamp

#### UPC

796435 41 7161

#### Accessory Part Numbers

Lamp: TBD  
Remote: TBD  
Mount: TBD

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