



Marvelous brightness and color for Home Cinema

# HD 36

is giving your big screen experience  
a pounding factor



- ▶ Bright vivid Colors - 3000 ANSI Lumens
- ▶ Crystal clarity - 30,000:1 contrast
- ▶ 6-segment Pure RGB Color Wheel
- ▶ Full 3D compatibility with Blu-ray 3D
- ▶ 1.5X Pure Lens
- ▶ Vertical lens shift for installation flexibility
- ▶ Built-in 30-Watt stereo speaker system

home theater  
**PROJECTOR** series

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





# HD36

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## 6 Segments Pure RGB Color Wheel



HD36 is pairing the 6 segment color wheel with the latest DC3 chip, to recreate stunning and vibrant color to your screen. HD36 adapts six separate primary colors (RGBRGB) to produce a new level of color performance and control; to create accurate true to life images.

## 1.5X Pure Lens

HD36 is equipped with an exceptional all-glass lens, assembled to four groups by 12 lenses; including an Extra-low Dispersion(ED) lens, designed to reduce problems of chromatic aberration and purple flare. Also, the short throw ratio allows projecting 100" big screen within 3 meters.



## Personalized Scene

HD36 is offering 7 customization options, by adjusting both the brightness and depth of field, to fit user's viewing preferences.

MODE	Circumstance
<b>Cinema</b>	Focusing on the density of color, set up for movies
<b>Standard</b>	Simulating the most realistic color of films on Rec.709 standard
<b>Vivid</b>	Detailing of color shading, lifelike and more stereoscopic images feeling
<b>Bright</b>	Elevating image performance when using the backlight
<b>Gaming</b>	Amplifying the saturation and details of a CG animation
<b>3D</b>	Strengthening the performance of the three-dimensional contents
<b>ISFcc</b>	Allowing ISFccc certified calibrator to adjust for a high degree of accuracy

## 30W Speakers

HD36 is offering the most powerful stereo speakers in home theater projecting market. Equipped with powerful 30W subwoofers, which provides HD36 an exceptional sound performing via HDMI and other video entertainment devices; recreate the pounding factor of IMAX Digital Cinema.

## 3D Technology compatibility with DLP & RF glasses



Using the inherent speed of DLP® technology, HD36 outputs video and images at an astonishing rate of 144Hz, allowing you to show full screen, full color, and stereoscopic 3D. Within DLP® Link™ technology, the 3D glasses synchronize with the image on screen to filter each stream to the correct eye; your brain then combines the two streams to make them jump into life. Furthermore, HD36 has built in with VESA 3D port, is compatible with both DLP and radio frequency 3D glasses. Radio frequency is providing outstanding 3D performance especially for long distance and large venue.

## I / O Connections

- 01. RS-232C
- 02. VGA-OUT
- 03. S-VIDEO
- 04. SERVICE
- 05. HDMI
- 06. DVI-D
- 07. VGA1-IN
- 08. VGA2-IN
- 09. VIDEO
- 10. AUDIO3-IN
- 11. 3D SYNC
- 12. AUDIO1-IN
- 13. AUDIO2-IN
- 14. AUDIO OUT
- 15. MIC
- 16. 12V OUT
- 17. KENSINGTON™ LOCK
- 18. USB POWER(5V/1A)



## Specification

<b>Resolution</b>	1920 x 1080 (1080P)
<b>Brightness</b>	3,000 ANSI lumen
<b>Contrast Ratio</b>	30,000:1 (Dynamic Black)
<b>Projection Lens</b>	f=20.7~31.1 mm, F/2.42~2.98; 1.5x manual zoom/focus lens
<b>Lens Shift</b>	vertical +115% ~ +132% ±5%
<b>Projection Image Size</b>	50 ~ 150"
<b>Keystone Correction</b>	Vertical ±15° (system)
<b>Speaker</b>	15W x 2 Stereo
<b>Power Supply</b>	Universal AC 100~240 V; 50/60Hz
<b>Dimension / Weight</b>	39.9 x 29.9 x 16.9 cm / 4.5kg

\*Optoma reserves the right to change this brochure without prior notice, please refer to [www.optoma.com](http://www.optoma.com) for any change.

\*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive 3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. DLP®, and the DLP logo are registered trademarks of Texas Instruments. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. All images have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2014, Optoma Corporation.

