HD80 | Home Theater Projector





FEATURES

- 1080p DMD DLP® technology by Texas Instruments
- 1300 lumens of brightness
- 10,000:1 contrast ratio (with ImageAI-II™)
- Native 16:9 aspect ratio; supports 2.35:1 widescreen
- Integrated video processing system
- Three digital high-definition connections including two HDMI (v. 1.3) and one DVI w/HDCP

HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE

ImageAI-II

HIGH-DEFINITION TELEVISION HDTV MONITOR

The Astounding 1080p
Home Theater Solution

The Optoma HD80 is a true 1080p DLP home theater projector with studio-grade resolution. It offers the best all-around, high-quality display experience for home theater aficionados. The HD80 provides truer, more vibrant colors to the projected picture and features BrilliantColor™ color processing technology, as well as an amazing 10,000:1 contrast ratio (with ImageAI-II). The Optoma HD80 offers outstanding features, functionality and value without compromising performance.



Optoma

www.OptomaUSA.com

HD80 | Home Theater Projector

SPECIFICATIONS	
Display Technology	Single 0.95" 1080p DMD DLP® Technology by Texas Instruments
Brightness (Typical)	1300 Lumens
Weight	10 lbs (4.5 kg)
Resolution	Native 1080p (1920 x 1080)
Dimensions (W x H x D)	16" x 4.6" x 12.2" (406 x 117 x 310 mm)
Contrast Ratio	10,000:1 (with ImageAI-II™)
Noise Level	32dB
Iris Control	16 Step Iris System
Lamp Type	300W UHP
Lamp Life	3000 Hours
Image Size (Diagonal)	30" - 300" (0.8 to 7.6m)
Projection Distance	4.92' - 32.8' (1.5 x 10 m)
Computer Compatibility	SXGA, XGA, SVGA, VGA, VESA, PC and Macintosh Compatible
Video Compatibility	Full NTSC, PAL, SECAM, True HDTV (720p, 1080i/p), 480i/p, 576i/p
Aspect Ratio	Native 16:9, Fully Automatic 2.35:1 w/ Anamorphic Lens
Projection Lens	F=2.6~2.82, f=39.12~46.94mm, 1.2x Manual Zoom and Focus
Keystone Correction	±5° Vertical
Throw Ratio	1.85~2.22:1 w/o Anamorphic Lens; 1.38~1.66:1 w/ Anamorphic Lens
Power Supply	AC Input 90-264V, 50-60Hz
Power Consumption	430W, < 12W Standby Mode
Operating Temperature	41 to 95°F, 80% Max Humidity
Displayable Colors	16 Million
Projection Method	Front, Rear, Ceiling Mount, Table Top
Uniformity	90%
Security	One Kensington® Lock Port
I/O Connectors	Two HDMI, DVI w/HDCP, S-Video, Composite Video, Component Video, RS-232, +12V Trigger
Standard Accessories	AC Power Cord, Composite Video Cable, RS-232 Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Warranty Card and Quick Start Guide
Warranty	2 Years Limited Parts and Labor, 1 Year on Lamp
Optional Accessories	Anamorphic Lens/Sled Kit, Ceiling Mount, GrayWolfII™ Series Screens and Gold Service Warranty
UPC	796435 21 628 3

Now with ImageAI-II™

ImageAI-II™ Image Artificial Intelligence
auto adjusting light intensity output

HIGH LUMENS ALONE

Increases clarity in lighter areas...



But makes dark areas wash out.

HIGH CONTRAST ALONE

Increases detail in darker areas...



But makes lighter areas appear dark.

ONLY ImageAI-II™ GIVES YOU BOTH!

HIGH 1300 LUMENS
for amazing clarity in light image areas...



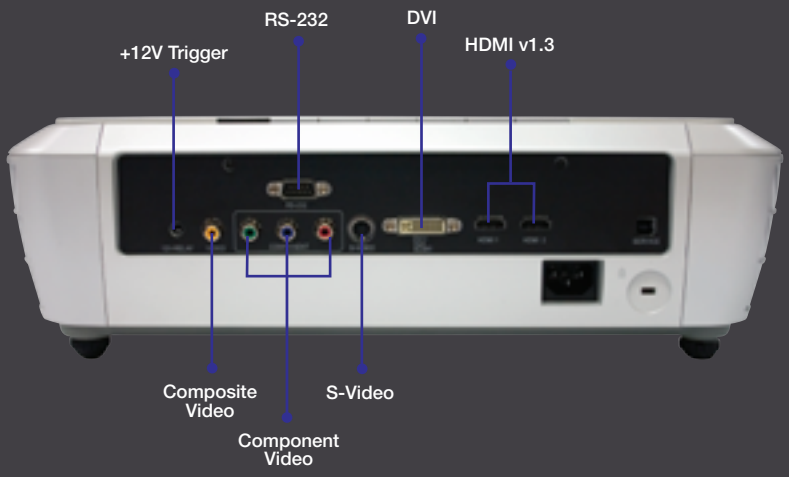
PLUS

HIGH 10,000:1 CONTRAST
for details in dark areas and shadows



ImageAI-II™ "Image Artificial Intelligence", Optoma's auto adjusting light intensity output, delivers an amazing **1300 lumens AND 10,000:1 contrast ratio!**

I/O Ports

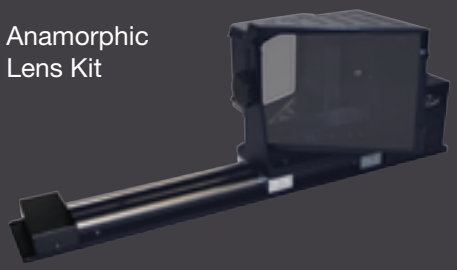


Optional Accessories

Bering™ Ceiling Mount



Anamorphic Lens Kit



PROJECTION DISTANCE/IMAGE SIZE		
Projection Distance (feet)	**Maximum Diagonal** (inches)	**Minimum Diagonal** (inches)
6	44.7	37.2
8	59.5	49.6
10	74.4	62.0
12	89.3	74.4
14	104.2	86.8
16	119.1	99.2
18	134.0	111.6

AVAILABLE AT

Optoma

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