

HD80 | Home Theater Projector



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.

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



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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™



Image Artificial Intelligence
auto adjusting light intensity output

HIGH LUMENS ALONE



HIGH CONTRAST ALONE



ONLY ImageAI-II™ GIVES YOU BOTH!

HIGH 1300 LUMENS

for amazing clarity in light image areas...

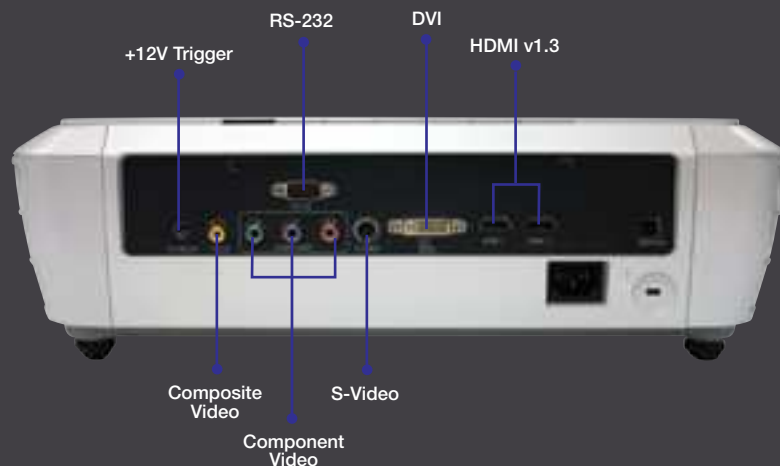
PLUS

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

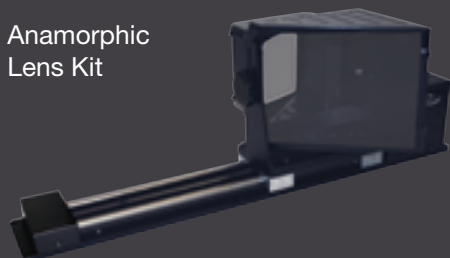


Optional Accessories

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



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