HD72 | Home Theater Projector

Optoma

FEATURES

- **Highest quality**, entry level **720p home theater** projector in the market

- **1300 lumens with 5000:1** contrast ratio in ImageAI™ mode

- **HD** compatibility **1080p** and **UXGA**

- **7 segment** color wheel

- Long lamp life of **3000 hours**

- **Texas Instruments' DarkChip2™** Chipset

- **TrueVivid™** color enhancement

- **TrueVision™** motion-adaptive enhancement

- **Wide angle zoom lens** with throw ratio of 1.58-1.90:1

- Light shield design and **ultra-quiet operation**

- **Dual digital** HD connectivity (DVI-I and HDMI)

- **YPbPr, RGB, SCART** support

- Supports 18 languages

HD72 – Great Quality…Great Performance…Great Value

The Optoma HD72 projector is a true 720p, high-performance projector for home theater enthusiasts. The HD72 features unique color processing technologies to deliver higher brightness and provide truer, more vibrant colors to the projected picture. And, with 10-bit per channel color processing, a 7-segment color wheel and its 5000:1 contrast ratio, the Optoma HD72 DLP® home theater projector delivers great color saturation and subtle color details for the best image quality.

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SPECIFICATIONS

Display Technology	Single 0.65" DarkChip2™ DLP® Technology by Texas Instruments
Brightness (Typical)	1300 Lumens
Weight	7 lbs (3.2 kg)
Resolution	WXGA (1280 x 768)
Maximum Resolution	UXGA (1600 x 1200), 1080p (1920 x 1080)
Dimensions (W x H x D)	13.56" x 3.72" x 9.67" (344 x 94 x 246 mm)
Contrast Ratio	5000:1 in ImageAI™ Mode and 3500:1 (Full On/Full Off)
Noise Level	27dB (STD)
Lamp Type / Life	220W UHP / 3000 Hours (STD)
Image Optimization	Faroudja DCDi™
Image Size	28" - 304" (0.7 to 7.7 m)
Projection Distance	3.9' - 39' (1.2 to 11.9 m)
Computer Compatibility	UXGA, SXGA+, WXGA, XGA, SVGA, VGA Compression, VESA Standards, PC and Macintosh Compatible
Video Compatibility	NTSC (M, 3.58/4.43 MHz), PAL (B, D, G, H, I, M, N), SECAM (B, D, G, K, K1, L), HDTV (720p, 1080i/p)
Aspect Ratio	16:10 Widescreen Native with Support for 4:3 and 16:9
Projection Lens	F/2.5~2.8, f = 22.25~26.69mm, 1.2x Manual Focus/Digital Zoom
Keystone Correction	Horizontal and Vertical
Throw Ratio	1.58 to 1.90:1 (Distance/Width)
Vertical Refresh Rate	43 to 85 Hz
Power Supply	100-240 Volts, 50-60 Hz
Power Consumption	285 W ± 10% Full Power, < 13W Standby Power
Operating Temperature	Operating: 5 - 35°C, 80% Humidity (Max.) Storage: -20 - 60°C, 80% Humidity (Max.)
Displayable Colors	10-bit per Channel Color Processing
Projection Method	Front, Rear, Ceiling Mount, Table Top
Security	One Kensington® Lock Port
Uniformity	90%
I/O Connectors	HDMI, DVI w/HDCP, Component Video, Composite Video (RCA), S-Video, RS-232, Two IR Receivers, +12V Trigger
Standard Accessories	Composite Video Cable, S-Video Cable, Remote Control, Batteries for Remote, Lens Cap, User's Manual, Quick Start Guide, Warranty Card, Power Cord
Warranty	2 Years Limited Parts and Labor, 90 Days on Lamp
Optional Accessories	Ceiling Mount Kit, GrayWolfII™ Series Screens, Carrying Case and Extended Warranty
UPC	796435 11 589 0

Available at

Image and color enhancement technologies

With   **Without**

TrueVivid™ Image Processing
With TrueVivid image processing, the picture quality is enhanced for veritable video fidelity, including better depth and adds a deeper 3D look to any image.

With   **Without**

TrueVision™ Technology
TrueVision technology improves cross-coloring and eliminates jagged edges, allowing the projector to deliver cinema-like images with exceptional picture quality.

ImageAI

Image Artificial Intelligence
auto adjusting light intensity output

Now with ImageAI™

HIGH LUMENS ALONE

Increases clarity in lighter areas...

But makes dark areas washed out.

HIGH CONTRAST ALONE

Increases detail in darker areas...

But makes lighter areas appear dark.
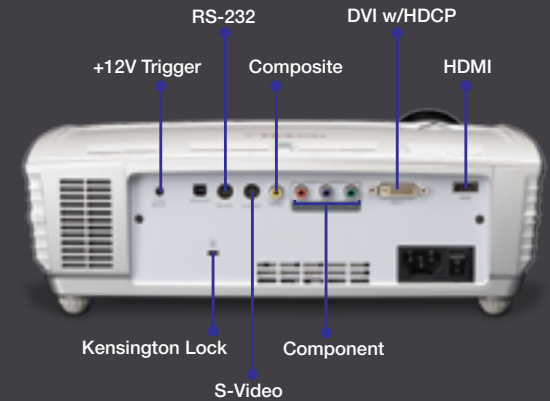
ONLY ImageAI™ GIVES YOU BOTH!

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

PLUS

HIGH 5000:1 CONTRAST
for details in dark areas and shadows

ImageAI™ "Image Artificial Intelligence", Optoma's auto adjusting light intensity output, delivers an amazing **1300 lumens AND 5000:1 contrast ratio!**
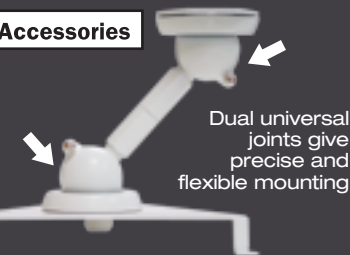
PROJECTION DISTANCE/IMAGE SIZE

Projection Distance (feet)	Maximum Diagonal (inches)	Minimum Diagonal (inches)
6	52.28	43.48
8	69.71	57.97
10	87.14	72.46
12	104.57	89.96
14	122.00	101.45
16	139.42	115.94
18	156.85	130.44

I/O Ports

RS-232   DVI w/HDCP   +12V Trigger   Composite   HDMI

Kensington Lock   Component   S-Video

Dimensions

9.67 inches

13.56 inches

Optional Accessories

Bering™ Ceiling Mount

Dual universal joints give precise and flexible mounting

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