

H100
DLP® Projector

Bright 3D Home Entertainment



Experience bright movies and games with the H100 HD Ready 3D projector.

Prepare yourself for life-size 3D games, movies and sports! Project huge images larger than your TV right into your living room. Ideal for use with the latest HD players and consoles the bright H100 delivers immersive 3D visuals in exceptional HD quality.

Using the latest DLP technology the H100 displays bright, colorful images with exceptional light and shade detail only possible with a high contrast projector. You can even hook it up to external speakers for a greater audio experience. All this in such a compact size, means the H100 is also your perfect partner for sharing this mind-blowing experience with everyone, anywhere anytime! possible with a high contrast projector.

Lights on Entertainment

The H100 produces fantastic images even when the lights are on. Designed to be used in the same way as your conventional TV, the high brightness H100 can be used for television and film watching or playing the latest motion-controlled games without even dimming the lights.



Full 3D

Using the inherent speed of DLP technology, The Optoma H100 Full 3D projector can display true 3D content from almost any 3D display device, including 3D Blu-ray, PS3, Xbox and Sky3D.



Dynamic Mode

Dynamic black smoothly adjusts the lamp output automatically, based on the brightness information of each frame; to create a stunning 20,000:1 contrast ratio. Bright scenes are crisp and clear, while dark scenes remain detailed with deep blacks which gives exceptional light and shade detail.



24p

Most movies are shot at 24 frames per second. To preserve the purity of the original image the H100 can accept High Definition sources at 24 frames per second and so to display movies exactly as the director intended.

Amazing Colours

The H100 incorporates BrilliantColor™ multi-colour processing technology to bring stunning, vibrant colour to your screen. You can even fine tune colours for ultimate precision.

BrilliantColor™



Without

With

Colour Guarantee

We are so confident that the H100 image colour quality will remain as good as the day you bought it that Optoma will guarantee it for five years.

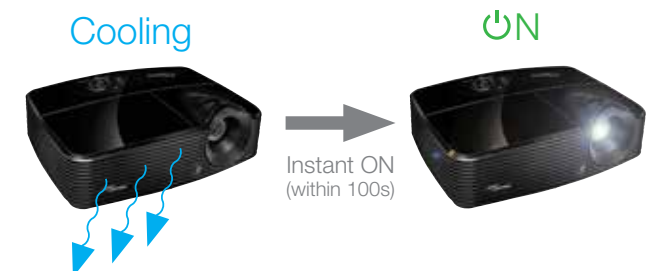


Long Lamp Life

The new lamp technology incorporated into the H100 extends lamp life up to an incredible 6500 hours². If you watch a two hour movie every day then typically the lamp will last for over 9 years.

Quick Resume

Save time by not waiting for the projector to cool down before it can power up again. If the projector is accidentally turned off, this feature allows the projector to be instantly powered on again, if selected within a period of 100 seconds.



DLP® Technology – The greatest 3D home cinema experience!

Unlike competing technologies, DLP® from Texas instrument uses millions of tiny mirrors to maximise the available light output, while the inherent speed & high ANSI contrast work in perfect harmony; eliminating crosstalk, to create the most vivid & compelling 3D experience available anywhere.



DLP®



Other

Why use a projector for 3D?

It is a widely accepted fact that the bigger the image, the greater the 3D effect - for the best results it is essential to fill your field of vision, without having to be too close to the screen. Even a huge 50" TV can only create a window on the 3D world, whereas the immersion & excitement created by larger projection screen makes you feel like you are part of the action!



3D Movies:

Now that all the latest 3D movies have arrived on Blu-ray 3D™ you can enjoy the same jaw-dropping 3D cinema experience at home, now in fantastic High definition.

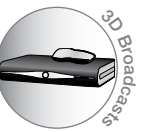
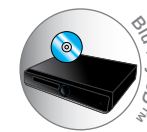
3D Sports:

Couldn't get tickets for the big match? - The H100 brings the big picture home like never before. With more matches broadcast in 3D every season, you'll never miss the great moments in sporting history and you can re-live them time after time as though you were actually there.



3D Gaming:

Set your sights on the H100 for the greatest 3D gaming experience. With an impeccable response time you can line-up the perfect shot while sniper-rounds whizz past you; watch burning ships zoom off into the distance; dodge axe-wielding zombies lurching out of the screen – the possibilities are endless. Combine this with active-motion gaming for the closest thing to your very own virtual reality suite.



H100

H100 Specifications Highlights	
Resolution	HD Ready (1280 x 800)
Brightness ¹	3200 ANSI Lumens
Dynamic Contrast	20,000:1
Audible Noise	26dB
Throw Ratio	1.47 - 1.83:1
Zoom	1.2x
Lamp Life ²	6500 Hours
Connections	Inputs
	HDMI v1.4a 3D, 2x VGA (PC/YPb-Pr), S-Video, Composite Video, 2x Audio In 3.5mm stereo socket
	Output
	VGA, Audio Out 3.5mm stereo socket
Control	RS232
	Speaker
2D Compatibility	1080p, 1080i, 720p PAL, NTSC, SECAM
	Side-by-Side: 1080i50 / 60, 720p50 / 60
3D Compatibility	Frame-pack: 1080p24, 720p50 / 60
	Over-Under: 1080p24, 720p50 / 60
3D Viewing	Frame Sequential
	Requires ZD301 DLP Link glasses - available separately
Dimensions	316 x 224 x 124mm
Weight	2.21Kg
Warranty	Warranty may vary by country. Please see or ask your local supplier for details
Part Number	E1P1F0E12001
EAN Number	5060059047765
In the box	AC Power Cord, IR Remote Control with Batteries, Quick, Start Card, Warranty Card

For full specifications please visit the website at: www.optoma.eu



H100 Connections

- 1 Audio In (VGA)
- 2 S-Video
- 3 VGA 1
- 4 VGA Out
- 5 HDMI
- 6 RS232
- 7 USB
- 8 Audio In (S-Video/Video)
- 9 Kensington™ Lock
- 10 Audio Out
- 11 Video
- 12 VGA 2

Projection Distance (m)	Min Diagonal Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (inch)
2.00	1.29	1.60	50.74
3.00	1.93	2.41	76.11
4.00	2.58	3.21	101.48
5.00	3.22	4.01	126.85
6.00	3.87	4.81	152.22

Optoma Accessories	
Projector Mounts	
OCM818W OCM818B OCM815B OCM815W	Universal ceiling mount with/without extension pole (adjustable height 290mm–810mm/140 mm) available in black and white. Please visit www.optoma-europe.com to check compatibility
Screens	
	Optima screens use the highest grade of screen fabrics to reflect the truest, most vivid and dynamic images. Please visit www.optoma-europe.com
ZD301 3D Glasses	
	Enter the 21st Century with Optima 3D hardware. When partnered with an Optima 3D Ready/Full 3D projector, the Optima ZD301 Glasses allow compatible content to be viewed in stunning stereoscopic 3D. Our advanced single projector solutions create life size 3D images on any flat surface, inspiring the imagination while making this exciting technology simple, for everyone.



We know that improving our products is the best way to reduce our impact on the environment. That's why at Optoma, we design our products to have a long usable life, use fewer materials, ship with the minimum packaging and be free of all possible toxic substances. Naturally, energy efficiency and being recyclable are built in at the design stage. With each new product, we strive towards minimising our environmental impact. For full details of Optoma Project Green please visit our website.



Optoma Europe Limited 42 Caxton Way, Watford Business Park, Watford, Hertfordshire. WD18 8QZ
Tel: +44 (0) 1923 691800 Fax: +44 (0) 1923 691888
www.optoma.eu



Copyright © 2013, Optoma Europe Ltd. ¹Brightness will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. ²Actual lamp life may vary due to different environment conditions and usage. For more information please visit our website. 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 of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product or product images without notice. Some images may have been simulated. Errors and omissions excepted, all specifications are subject to change without notice.