

# H111

## Super-sized home entertainment

- Bright vivid colours – 3,200 ANSI lumens
- Full 3D and HD Ready 720p
- High contrast - 25,000:1 contrast ratio
- Easy connectivity - HDMI and built-in speaker



# H111

Created for home entertainment, the bright H111 is perfect for watching TV shows, sports and movies or playing action-packed games on a huge screen.

With a built-in speaker and HDMI input the H111 is easy to setup and use. Turn it into a smart projector by connecting an HDMI dongle such as the Google Chromecast to stream videos and share photos on the big screen.

## Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker free images.



## HD Ready 720p

HD Ready resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching high definition movies, TV shows and playing video games.



## High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

## Gaming Mode

Gaming Mode optimises your projector for lightning response times, maximum contrast and vivid colours to capture every detail - leaving you time to focus on winning.



## Amazing Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



## Color Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



## Integrated Speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers

## Long Lamp Life

The expected lifetime of a typical Optoma projector lamp is an impressive 7000 hours; so if you watch a two hour movie every day, the lamp should last over 9 years.

## Image Life

This unique feature enables constant brightness for up to 2100 hours and can increase the lamp life by up to 20%.

## USB Power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or charge your Optoma 3D glasses.

## 24p

Most movies are shot at 24 frames per second (fps). To preserve the purity of the original image, Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.

# H111 Specification

Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	WXGA 1280 x 800
Brightness <sup>1</sup> (Bright Mode)	3200 ANSI Lumens
Contrast	25,000:1
Noise Level (Eco mode)	26dB
Weight (kg)	2.5
I/O Connectors	HDMI (1.4a 3D support), 2 x VGA (YPbPr/RGB), S-Video, Composite, 2 x Audio In 3.5mm, Audio Out 3.5mm, VGA Out, RS232, USB remote mouse/service, USB-A Power
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
Displayable Colours	1073.4 Million
Projection Lens	F/2.57~2.84; f=21~25.6mm, 1.2x Manual Zoom
Throw Ratio	1.47 - 1.83:1
Projection Screen Size	0.77 – 9.63m (30.44" - 379") Diagonal 16:10
Projection Distance	1.2 - 12 metres
Zoom Type	1.2x Manual
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	112%
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type	190W
Lamp Life <sup>2</sup> Eco+/Dynamic/Eco/Bright	7000/6500/6000/4500 (hrs)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H) (mm)	316 x 224 x 124
Power Supply	100-240V, 50-60Hz
Power Consumption	233W Bright mode / 193W Eco mode (< 0.5W Standby)
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	85%
Security	Security bar, Kensington lock, password protection
Standard Accessories	AC power cord, remote control, 2x AA batteries, quick start card, CD user manual
Optional Accessories	DLP® Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Speaker	2
Warranty	2
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi, Arabic
Optional Wireless	Yes



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<sup>1</sup>Lamp based projectors brightness and lifetime 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. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime. <sup>2</sup>Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. 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. Copyright © 2014, Optoma Europe Ltd.

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