

## W311

## Widescreen, Bright and Portable

- Bright projection – 3200 ANSI lumens
- Easy connectivity - 2x HDMI, 2W speaker
- Low ownership costs - up to 10,000 hours<sup>2</sup> lamp life
- Lightweight and portable, Carry bag included



# W311

Project bright vibrant widescreen presentations any time on day. Designed for meeting rooms and classrooms, the W311 boasts a long lamp life and energy-saving features which provide a low overall cost of ownership.

This projector has a built-in speaker, USB Power, Full 3D technology and two HDMI connections. Easily connect to a laptop, PC or Blu-ray player for clear projected images with sound. The lightweight projector can be installed or taken on the move in the handy carry bag for off-site meetings.

This unique feature increases lamp life in bright or Eco mode by up to 20% by analysing the lamp performance every time the projector is turned on.

## 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.



2000:1 Contrast Ratio



20,000:1 Contrast Ratio

## 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.



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## Integrated Speaker

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

## Eco+



**Eco+ technology brings together high contrast, improved lamp life and energy saving features that are easy to use while reducing power consumption.**

## Energy Saving

Using the specially designed lamp modes, you can reduce the power consumption by up to 70%. Each mode also has a positive effect on the lamp life, while lowering the total cost of ownership and reducing maintenance.

## Lamp SPA

## Auto Power Off

There may be instances when the projector is left running when not in use. To help save energy, the "Auto Power Off" feature automatically turns off the projector after a set period of time if it is not being used

## Eco AV Mute

Stay in control of your presentation with Eco AV mute. Direct your audience's attention away from the screen by blanking the image when no longer needed. This also reduces the power consumption by up to 70%, further prolonging the life of your lamp.



**Eco AV mute off**  
100% power consumption

**Eco AV mute on**  
25% power consumption

## Long Lamp Life

Reduce the number of lamp changes with lamp life of up to 10,000 hours<sup>2</sup> using the Education Cycle.

## Remote Mouse

Keep your audience's attention focussed on the right things using the simple, yet powerful remote with USB mouse control.

## Control

Featuring a wide range of options you can control and monitor the projector remotely.

- RS232
- Optoma projectors come with an extensive set of RS232 commands making it simple and easy to manage using any control system.
- Compatibility
- Dynamic discovery protocol is incorporated into the projector allowing for easy installation with AMX control systems.

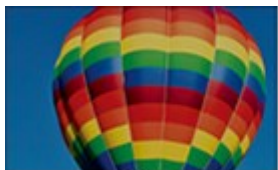
## Colour Guarantee

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



## Amazing Colours

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



without



with

## Quick Resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

### Quick Resume

On



## USB Power

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

## W311 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	20,000:1
Noise Level (Eco mode)	28dB
Weight (kg)	2
I/O Connectors	2x HDMI (1.4a 3D support), Audio Out 3.5mm, RS232, USB remote mouse/service, USB-A Power
Maximum Resolution	UXGA 1600 x 1200
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	7000/6500/6000/5000 (hrs)
Keystone Correction	± 40° Vertical
Dimensions (W x D x H) (mm)	287 x 193 x 113
Power Supply	100-240V, 50-60Hz
Power Consumption	236W Bright mode / 202W 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	Carry bag, AC power cord, HDMI cable, 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>Brightness and lamp lifetime will vary depending on the selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. <sup>2</sup>Typical lamp life achieved through testing and will vary according to operational use and environmental conditions. 10,000 hours lamp life is based on a daily cycle that reflects projector usage in a typical education environment. Details of this cycle are available on request. <sup>3</sup>Optoma guarantees that in normal use, Optoma DLP® colour quality will be indistinguishable from when new. Exclusions: (a) Guarantee is voided if the projector is subject to damage through misuse. (b) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is excessive (c) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other faults. (d) Over time worn lamps within all projector types will show a slight colour variance. Copyright © 2013, Optoma Europe Ltd. All other product names and company names used herein are for identification purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments. 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, product specifications or product images without notice. Some images may be simulated.

05/03/2015 14:12