

W310

Widescreen, Bright and Portable

- Bright projection – 3000 ANSI lumens
- XGA resolution, 20,000:1 contrast ratio, HDMI input
- Low ownership costs - up to 10,000 hours² lamp life
- Lightweight and portable, carry bag included



W310

Project bright vibrant widescreen presentations any time of day. Designed for meeting rooms and classrooms, the W310 boasts a long lamp life and energy-saving features which provide a low overall cost of ownership.

This projector has a built-in speaker, Full 3D technology and can be easily connected via a HDMI cable, giving a clear projected image with sound. The lightweight projector can be installed or taken on the move in the handy carry bag for off-site meetings.

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.

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.

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 hours² using the Education Cycle.

Control

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

- RS232
- Optoma projector's come with an extensive set of RS232 commands making it simple and easy to manage using any control system.
- AMX 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.



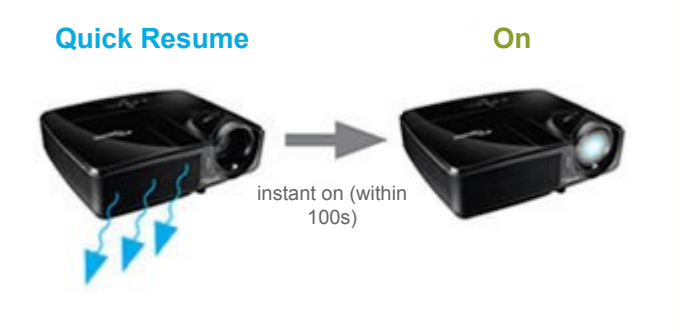
Amazing Colours

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



Quick Resume

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



W310 Specification

Display Technologie	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Auflösung	WXGA 1280 x 800
Helligkeit ¹ (Bright Mode)	3000 ANSI Lumens
Kontrastverhältnis	20,000:1
Betriebsgeräusch (Eco Modus)	29dB
Gewicht (kg)	2.35
I/O Anschluß	HDMI (1.4a 3D support), VGA (YPbPr/RGB), S-Video, Composite, Audio In 3.5mm, Audio Out 3.5mm, RS232, USB service
Computer Kompatibilität	UXGA, SXGA, XGA, SVGA, VGA, Mac
Videokompatibilität	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC (M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25,MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
darstellbare Farben	1073.4 Million
Projektions Linse	F/2.5~2.67; f=21.8~23.98mm, 1.1x Manual Zoom
Projektionsverhältnis	1.55 – 1.7:1
Projektionsbildgröße	0.69 – 7.62m (27.2" to 300") Diagonal 16:10
Projektionsabstand	1 – 10m
Zoom	1.1x Manual
Bildseitenformat	16:10 Native, 16:9/4:3 Compatible
Offset	115%
Horizontale Frequenz	15.3 - 91.1kHz
Vertikale Frequenz	24 - 85Hz
Lampentyp	190W
Lamp Life ² Bright	5000 (hrs)
Keystone Korrektur	± 40° Vertical
Maße (W x D x H) (mm)	315 x 224 x 102
Netzanschluss	100-240V, 50-60Hz
Stromverbrauch	225W Bright mode / 191W Eco mode (< 0.5W Standby)
Betriebsbedingungen	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformität	80%
Sicherheit	Security bar, Kensington lock, password protection
Standard Zubehör	Carry bag, AC power cord, VGA cable, remote control, battery, quick start card, CD user manual
optionales Zubehör	DLP® Link™ 3D glasses, wireless, ceiling mount
RoHS	Compliant
3D Unterstützung	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 Kompatibilität	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Lautsprecher (Watt)	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 and Arabic.
Optionales Wireless	Yes



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¹Helligkeit und Lampenlebensdauer von lampenbasierten Projektoren nehmen im Lauf der Zeit ab und variieren je nach Projektor Modus, Betriebsbedingungen und Nutzung. Wie bei allen lampenbasierten Projektoren nimmt die Helligkeit im Laufe der Lebensdauer ab. Bei Projektoren mit LED Leuchtmittel ist kein Lampenwechsel nötig und die Helligkeit bleibt über die gesamte Lebensdauer konstant.

²in Tests üblicherweise erreichte Lebensdauer, welche je nach Umgebungsbedingungen und Nutzung variieren kann.