

# Optoma

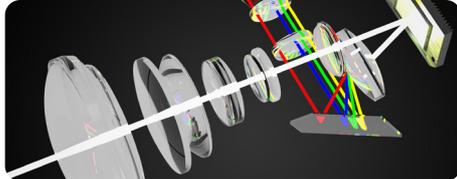
## UHZ68LV 4K Dual Laser Home Cinema

Immerse yourself in captivating visuals with our cutting-edge 4K projector, powered by Dolby Vision technology



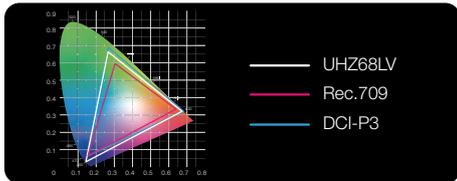
### Powered by Dolby Vision® and HDR10+

Dolby Vision® optimizes each frame of your content, elevating your cinema experience by delivering remarkable brightness, contrast, and color that bring cinematic experiences to life. Meanwhile, HDR10+ enhances your content's dynamic range and color precision, providing greater visual detail and depth.



### Crystal Clear and Vibrant Visuals with 4K UHD Dual Laser

Elevate your home cinema with the future-proof brilliance of 4K UHD dual laser projection. It combines vivid colour accuracy, sharper resolution, instant startup, and shutdown, and eliminates the need for lamp replacement for a long-lasting and reliable cinematic experience.



### True-to-Life Color Reproduction with DCI-P3 Wide Color Space

Experience exceptional colour accuracy with the UHZ68LV projector. Delivering 100% Rec.709 and featuring a wide colour gamut mode with 95% DCI-P3 coverage, this projector ensures accurate and lifelike colours. Whether you're watching movies or playing games, the UHZ68LV brings brilliant hues and deeper blacks to your screen.



### Experience Optoma's Next-Gen Visual Enhancement with PureEngine™ Ultra

Carefully calibrated by our color experts, PureEngine™ Ultra boosts color output, contrast, and image detail, delivering lifelike color reproduction and stunning visuals. Customize settings to suit your preferences and enjoy an unparalleled viewing experience.



### Cinematic Entertainment, Anytime

5000-lumens ensures stunning visuals even in well-lit environments. Whether you're hosting a daytime movie marathon or enjoying sports events, the high brightness allows you to experience vivid colours and sharp details without compromising image quality.



### Elevate Your Audio Experience

Dolby Atmos passthrough delivers immersive, multi dimensional sound for your external soundbar so you feel like you're right in the heart of the action with overhead effects and precise audio placement. eARC (enhanced Audio Return Channel) takes audio quality to the next level with support for 3D sound formats ensuring theater-like audio experiences at home.

# Product Specifications

|                       |                                 |   |
|-----------------------|---------------------------------|---|
| Display/image         | Display technology              | DLP™  |
|                       | Resolution                      | 4K UHD (3840x2160)  |
|                       | Brightness                      | 5,000 lumens  |
|                       | Contrast ratio                  | 3,200,000:1 (Dynamic Black on)  |
|                       | Native aspect ratio             | 16:9  |
|                       | Aspect ratio - support          | 4:3, 16:9, V-Stretch, Full, 21:9, 32:9, Native, Auto  |
|                       | Horizontal scan rate            | 15~255 KHz  |
|                       | Vertical scan rate              | 24~240Hz, 240 Hz for 1080P  |
|                       | Uniformity                      | 85%   |
|                       | Screen size                     | 80" ~ 300"  |
| Lamp info             | Light source type               | Dual Laser  |
|                       | Light source life               | 30,000 hours (Eco mode)   |
| Optical               | Throw ratio                     | 1.2~1.92  |
|                       | Projection distance             | 2.1M@80" ~ 12.75M@300"  |
|                       | Zoom                            | 1.6X  |
|                       | Zoom type                       | Manual  |
|                       | Focal length (mm)               | 17.63~27.9mm  |
|                       | Lens shift                      | V : 106% ~ 126% ±3% H : -10% ~ +10% ±3%   |
|                       | Native offset                   | 126% ±5%  |
| Connectivity          | Connections                     | HDMI 2.0x2; HDMI 2.1x1, USB-A x 3, 12V trigger x 2, S/PDIF x 1, RJ45 LAN port x1, RS232, 3D sync x 1, Audio out x 1   |
| General               | Noise level (min)               | 25dB (Eco mode)   |
|                       | Noise level (max)               | 31dB (Bright mode)  |
|                       | PC compatibility                | VGA, SVGA, XGA, WXGA, SXGA, SXGA+, UXGA, FHD, WQHD, UHD, Mac  |
|                       | 2D compatibility                | 480p(60Hz), 576p(50Hz), 720p(50/60Hz), 1080i(50/60Hz), 1080p(24/50/60/120/240Hz), 2160p(24/30/50/60/120Hz)  |
|                       | 3D compatibility                | Frame packing: 1080p24, 720p50/60 Side-By-Side(Half): 1080i50/60 Top-and-Bottom: 1080p24, 720p50/60 Frame Sequential: 1024X768@120Hz, 1280X720@120Hz, 1920X1080@120Hz   |
|                       | 3D                              | Supported (DLP link 3D/IR 3D, HDMI 1.4a mandatory 3D timing)  |
|                       | Security                        | Security bar, Kensington Lock, Password protected interface   |
|                       | OSD / display languages         | 27 languages: English, Arabic, Czecho, Danish, Dutch, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romania, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnam |
|                       | Operating conditions            | Max Temperature(operating):0 ~ 40°C; Tolerance +/- 2°C, Max Altitude(operating): 10,000 ft., for 0°C~30°C, Max humidity(operating): 80% RH, non-condensing  |
|                       | Remote control                  | Backlit home remote   |
|                       | Speaker count                   | 2   |
|                       | Watts per speaker               | 5Wx2 (Driver output 4W, stereo)   |
|                       | In the box                      | AC power cord, Remote control, 2x AAA batteries, Quick start user manual  |
| Networking            | LAN - control                   | Yes   |
| Power                 | Power supply                    | 100 ~ 240V, 50 ~ 60Hz   |
|                       | Power consumption (standby)     | ≤0.5W   |
|                       | Power consumption (ECO mode)    | Eco Mode: Typ 160W / Max. 190W  |
|                       | Power consumption (Bright mode) | Bright Mode:Typ. 295W / Max. 345W   |
| Weight and dimensions | Dimensions (W x D x H)          | W/o feet: 498.1x331.1x154mm (19.6x13.0 x6.1 inches)<br>With feet: 498.1x331.1x171mm (19.6x13.0 x6.7 inches)   |
|                       | Gross weight                    | 11.5 kg±0.5Kg   |
|                       | Net weight                      | 9.0kg±0.3Kg   |



No.1 DLP Brand in EMEA\*  
\*Data source: PMA Research,  
Worldwide Projector Census Y2023



No.1 4K UHD Brand in EMEA\*  
\*Data source: PMA Research,  
Worldwide Projector Census Y2023



No.1 DLP Laser Brand in EMEA\*  
\*Data source: PMA Research,  
Worldwide Projector Census Y2023



Optoma is a visual solutions provider that has delivered stunning experiences to millions of people since 2000. For the last two decades, we have grown our business to become one of the world's leading large-display brands. We have demonstrated our capabilities as a first-mover, innovator, and market leader and firmly established our position as the world's leading 4K UHD projector and DLP® brand.

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