

# ZK551

Compact 4K UHD Laser Projector with Wireless Sharing



- **Bright 4K UHD DuraCore laser projector - 5200 lumens and IP6X certified**
- **Wireless content sharing - Effortlessly share content with built-in wireless Miracast screen sharing**
- **Compact for easy installation - 1.6x zoom, 360-degree and portrait projection**
- **Optoma Management Suite (OMS®) - Remotely manage and control your device with real-time monitoring, and scheduling, helping to reduce downtime, streamline operations, and cut operating costs**



The ZK551 is one of Optoma's most compact and hassle-free 4K UHD DuraCore laser projectors to date. Designed for maintenance-free continuous operation, it delivers powerful image performance with flexible installation features and extensive connectivity options in a sleek, compact form factor, up to TBD% smaller than previous Optoma models.<sup>1</sup>

An added benefit, the ZK551 features an external power supply offering more reliability, portability and energy efficiency.

# Specifications

UPC: 796435 44 821 9, EAN: 5055387669079 , Colour: White



|                                  |                                                                                                                                                                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display/image</b>             |                                                                                                                                                                                                                                                                            |
| Display technology               | DLP®                                                                                                                                                                                                                                                                       |
| Resolution                       | UHD (3840x2160)                                                                                                                                                                                                                                                            |
| Brightness                       | 5,100 lumens                                                                                                                                                                                                                                                               |
| Contrast ratio                   | 3,000,000:1                                                                                                                                                                                                                                                                |
| Native aspect ratio              | 16:9                                                                                                                                                                                                                                                                       |
| Aspect ratio - compatible        | 4:3, 16:9                                                                                                                                                                                                                                                                  |
| Keystone correction - horizontal | 30°                                                                                                                                                                                                                                                                        |
| Keystone correction - vertical   | 30°                                                                                                                                                                                                                                                                        |
| Displayable colors (millions)    | 1073.4                                                                                                                                                                                                                                                                     |
| Uniformity                       | 75%                                                                                                                                                                                                                                                                        |
| Screen size                      | 20" ~ 300" diagonal                                                                                                                                                                                                                                                        |
| <b>Lamp info</b>                 |                                                                                                                                                                                                                                                                            |
| Light source type                | Laser                                                                                                                                                                                                                                                                      |
| LASER life                       | 30,000 hours                                                                                                                                                                                                                                                               |
| <b>Optical</b>                   |                                                                                                                                                                                                                                                                            |
| Throw ratio                      | 1.4:1 ~ 2.24:1                                                                                                                                                                                                                                                             |
| Projection distance              | 39.37" - 366.14"                                                                                                                                                                                                                                                           |
| Zoom                             | 1.6                                                                                                                                                                                                                                                                        |
| Zoom type                        | Manual                                                                                                                                                                                                                                                                     |
| Focal length (mm)                | 20.91 ~ 32.62                                                                                                                                                                                                                                                              |
| Lens shift                       | Vertical +15%                                                                                                                                                                                                                                                              |
| Native offset                    | 116%                                                                                                                                                                                                                                                                       |
| Lens shift                       | Yes - see product downloads for more information                                                                                                                                                                                                                           |
| <b>Connectivity</b>              |                                                                                                                                                                                                                                                                            |
| Connections                      | <b>Inputs</b> 2 x HDMI 2.0, 1 x 3D sync<br><b>Outputs</b> 1 x Audio 3.5mm, 2 x USB-A power 1.5A<br><b>Control</b> 1 x RS232, 1 x RJ45, 1 x 12V trigger                                                                                                                     |
| <b>General</b>                   |                                                                                                                                                                                                                                                                            |
| Noise level (min)                | 28dB                                                                                                                                                                                                                                                                       |
| Noise level (max)                | 30dB                                                                                                                                                                                                                                                                       |
| PC compatibility                 | UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac                                                                                                                                                                                                                        |
| 2D compatibility                 | Refer to User Manual OSD tree                                                                                                                                                                                                                                              |
| 3D compatibility                 | Yes (DLP 3D; PC frame sequential 120Hz 3D, Blu-ray DVD 3D)                                                                                                                                                                                                                 |
| 3D                               | Full 3D                                                                                                                                                                                                                                                                    |
| Security                         | Security bar, Kensington Lock, Password protected interface                                                                                                                                                                                                                |
| IP rating                        | IP6X                                                                                                                                                                                                                                                                       |
| OSD / display languages          | 25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese |
| 24/7 operation                   | Yes                                                                                                                                                                                                                                                                        |
| 360° operation                   | Yes                                                                                                                                                                                                                                                                        |
| Operating conditions             | 0°C ~ 40°C, Max. Humidity 80%, Max. Altitude 2,500m                                                                                                                                                                                                                        |
| Remote control                   | Card style                                                                                                                                                                                                                                                                 |
| Speaker count                    | 1                                                                                                                                                                                                                                                                          |
| Watts per speaker                | 15W                                                                                                                                                                                                                                                                        |
| In the box                       | AC power cord<br>Remote control<br>2x AAA batteries<br>Basic user manual                                                                                                                                                                                                   |
| <b>Power</b>                     |                                                                                                                                                                                                                                                                            |
| Power supply                     | External power supply, 100V ~ 240V, 50-60Hz                                                                                                                                                                                                                                |
| Power consumption (standby)      | <0.5W                                                                                                                                                                                                                                                                      |
| Power consumption (min)          | 155W                                                                                                                                                                                                                                                                       |
| Power consumption (max)          | 245W                                                                                                                                                                                                                                                                       |
| <b>Weight and dimensions</b>     |                                                                                                                                                                                                                                                                            |
| Dimensions (W x D x H)           | 10.79" x 8.5" x 4.25"                                                                                                                                                                                                                                                      |
| Gross weight                     | 6.61 lbs                                                                                                                                                                                                                                                                   |
| Net weight                       | 7.05 lbs                                                                                                                                                                                                                                                                   |

Copyright © 2025 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time. <sup>1</sup> Based on the comparison of the 2023 Optoma mainstream laser projectors and its previous generation. <sup>2</sup> Comparison of 2023 Optoma mainstream laser projectors and its equivalent lamp-based counterparts. <sup>3</sup> Based on the packaging of 2023 Optoma laser projectors. 01102025075419