

# BRIGHT WIDESCREEN PROJECTION

## W331



## WIDESCREEN GRAPHICS AND RICH AMAZING COLOR



**WXGA Projection with 3300 lumens and 20000:1 contrast ratio**



**sRGB display profile dazzles with Rec709 color accuracy**



**Adjust the gamma output to match the color of the projection surface with wall color adjustment**



**Hide jagged and soft edges with Edge Mask**



**Long lamp life ensures low cost maintenance**



**Full 3D**

**HDMI™**  
HIGH DEFINITION MULTIMEDIA INTERFACE

**WIDESCREEN**  
**16:10**  
**ENHANCED**



The W331 represents the next generation of Optoma WXGA Widescreen projectors. The W331 features 3300 lumens, 20000:1 contrast ratio, sRGB color profile support, Wall Color Adjustment, and a high performance optical lens. sRGB color space enables rich accurate color based on the primaries of Rec.709 HDTV specification.

Wall color adjustment utilizes various gamma profiles to improve brightness on projection surfaces of varying color. This feature is extremely use in classrooms, conference rooms, and training rooms, where the presenter may use a blackboard, chalkboard, or whiteboard for the projection image.

Eliminate soft edges and jaggies on border of the projection image with the Edge Mask feature. The Edge Mask will eliminate soft edges and jaggies from all 4 sides of the image. Total cost of ownership is remarkable with W331's 10000 hour lamp life in EDU power mode.

## CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Digital Cameras



Game Consoles



Roku®



Apple TV®



Chromecast™



FireTV™

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### OPTICAL/TECHNICAL SPECIFICATIONS

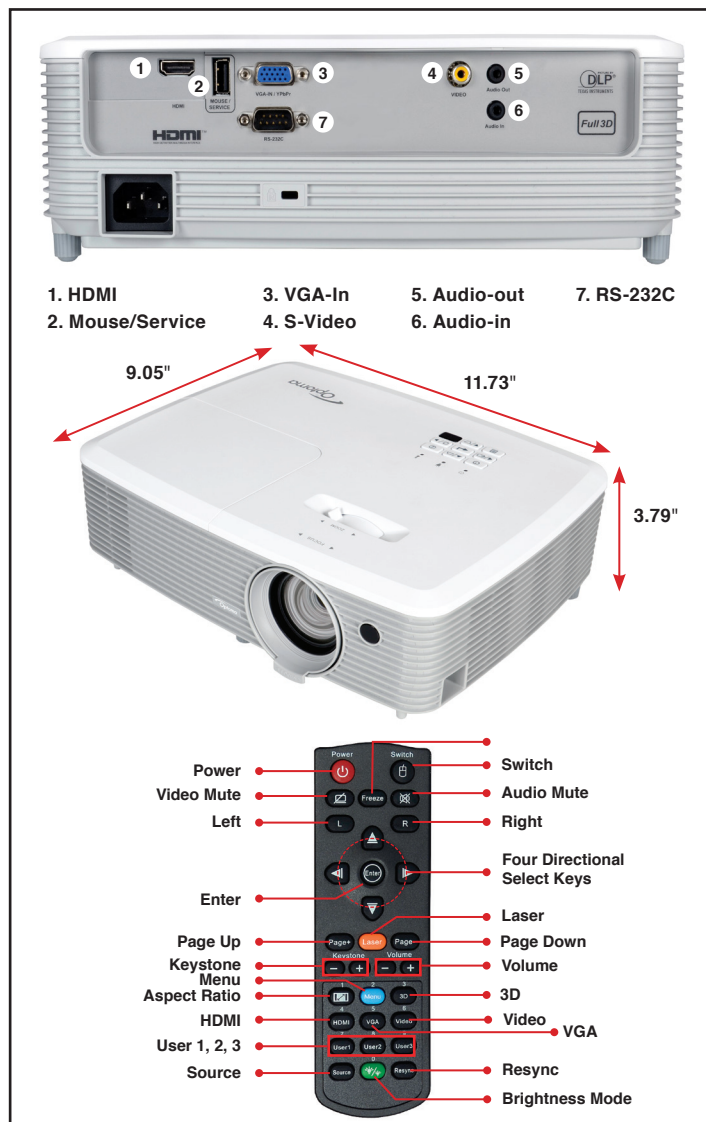
<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Color Wheel</b>	RYGCBW
<b>Native Resolution (Graphics Timing)</b>	1280x800 WXGA
<b>Max. Resolution (Graphics Timing)</b>	1920x1200
<b>Brightness</b>	3300
<b>Contrast Ratio</b>	20000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life*</b>	Bright/ECO/Dynamic/EDU - 5000/6000/6500/10000 Hours
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	75%
<b>Offset</b>	112.4%
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, Auto
<b>Throw Ratio</b>	1.54 - 1.71
<b>Projection Distance</b>	39"- 413" (3.25' - 34.4')
<b>Image Size</b>	26.87 - 316.5
<b>Projection Lens</b>	F=2.41~ 2.53, f=21.86 ~ 24 mm manual focus
<b>Optical Zoom</b>	1.1x
<b>Digital Zoom</b>	0.8 - 2.0
<b>Audio</b>	2W Speaker
<b>Noise Level</b>	29dB
<b>Remote Control</b>	Full Function Mini Remote
<b>Operating Room Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	230W Typical (Bright), 253W Max (Bright), 190W Typical (ECO), 209W Max (ECO)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	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)
<b>3D Compatibility†</b>	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
<b>Vertical Scan Rate</b>	24 - 85 Hz (120Hz for 3D feature projector)
<b>Horizontal Scan Rate</b>	15.375 - 91.146 KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 26 languages
<b>I/O Connection Ports</b>	HDMI, VGA-In, Composite Video, Audio-In, Audio-Out USB Power, RS-323C
<b>Loop Through (Audio)</b>	Yes

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar, keypad lock
<b>Weight</b>	5.5 lbs.
<b>Dimensions (W x H x D)</b>	11.7" x 3.8" x 9.0"



### Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

### In the Box (Standard Accessories)

W331 projector, AC power cord, VGA to VGA cable, remote control, carrying case, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

### Optional Accessories

Universal ceiling mount, DLP®Link™ 3D glasses, Wireless HDMI System

### Accessory Part Numbers

Lamp: BL-FU195B Remote: BR-5053C & BR-3079N  
DLP®Link™ 3D glasses: ZD302 Wireless HDMI system: WHD200  
Universal ceiling mount: OCM818W-RU Universal ceiling mount: BM-5001U  
Universal ceiling mount (with extensional pole): OCM815W

UPC 796435 44 004 6

\*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with DLP® Link active shutter glasses when projector is used with a compatible 3D player. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.

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