

BRIGHT WIDESCREEN PROJECTION

W331



WIDESCREEN GRAPHICS AND RICH AMAZING COLOR



WXGA Projection with 3200 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 3200 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

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Color Wheel	RYGCWB
Native Resolution (Graphics Timing)	1280x800 WXGA
Max. Resolution (Graphics Timing)	1920x1200
Brightness	3200
Contrast Ratio	20000:1
Displayable Colors	1.07 billion
Lamp Life*	Bright/ECO/Dynamic/EDU - 5000/6000/6500/10000 Hours
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	75%
Offset	112.4%
Aspect Ratio	16:10 (native), 16:9, 4:3, Auto
Throw Ratio	1.54 - 1.71
Projection Distance	39"- 413" (3.25' - 34.4')
Image Size	26.87 - 316.5
Projection Lens	F=2.41~ 2.53, f=21.86 ~ 24 mm manual focus
Optical Zoom	1.1x
Digital Zoom	0.8 - 2.0
Audio	2W Speaker
Noise Level	29dB
Remote Control	Full Function Mini Remote
Operating Room Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	230W Typical (Bright), 253W Max (Bright), 190W Typical (ECO), 209W Max (ECO)
High Altitude	Operating Temp @ Sea Level to 10000 feet = 23C (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

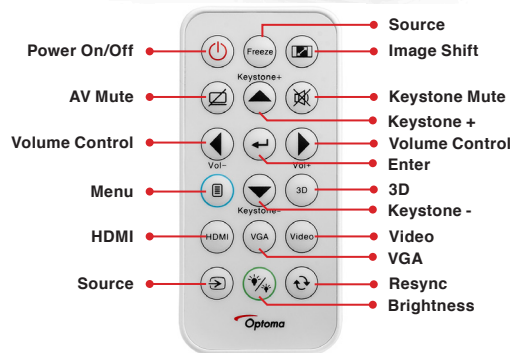
Computer Compatibility	WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 4.43MHz), NTSC(M, J, 3.58MHz, 4.443MHz), SECAM (B, D, G, K, K1, L, 4.25,MHz, 4.4MHz, 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz) 1080p(24/50/60Hz)
3D Compatibility†	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Vertical Scan Rate	24 - 85 Hz (120Hz for 3D feature projector)
Horizontal Scan Rate	15.375 - 91.146 KHz
User Controls	Complete on-screen menu, adjustments in 26 languages
I/O Connection Ports	2x HDMI, VGA-In, VGA-Out, Composite, Audio- In, Audio-Out, USB Power, RS-323C
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

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



- 1. HDMI 3. VGA-In 5. Audio-out 7. RS-232C
- 2. USB-A 4. S-Video 6. Audio-in



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-3079N
DLP®Link™ 3D glasses: ZD302	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818B-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extensional pole): OCM815B	

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 for more information.

www.OptomaUSA.com

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