

# MULTIMEDIA PROJECTOR W311



## ALL-DIGITAL IMAGE QUALITY AND PERFORMANCE



- 2x HDMI ports for digital connectivity (free HDMI cable included)**
- 3200 lumens bright for lights-on presentations**
- Full 3D compatibility; captivate your audience with immersive 3D presentations and movies**
- USB with 5V 1A provides power to your accessories**
- Over 10 Display modes, including Presentation, sRGB and Blackboard**



Digital HDMI sources deliver sharper, clearer image quality, the Optoma W311 provides 2x HDMI ports to display them.

With a powerful 3200 lumens and a remarkable 20,000:1 contrast ratio the Optoma W311 delivers bright, large, widescreen WXGA resolution presentations with incredible image clarity and vibrant, accurate colors. Displaying even the most subtle details in your presentations.

Perfect for use in medium sized conference rooms, training rooms, classrooms, and houses of worship.

The Optoma W311 includes an extensive list of advanced features, including 2x HDMI v1.4a ports with full 3D compatibility, 1080p HD compatibility, USB type-A with 5V DC 1A power, USB mini-B for remote mouse convenience, 1.2x zoom lens, built-in 2W speaker, audio-out jack, RS-232 connectivity, ultra-long lamp life, whisper quiet fan and much more.

## CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART PHONES



TABLETS



3D BLU-RAY/DVD PLAYERS

SET TOP BOXES



CAMCORDERS



GAME CONSOLES



DIGITAL CAMERAS



Roku®



Apple TV®



Chromecast™

## MULTIMEDIA PROJECTOR— W311

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
<b>Resolution</b>	WXGA (1280 x 800)
<b>Maximum Resolution</b>	HD 1080p (1920 x 1080)
<b>Brightness</b>	3200 lumens
<b>Contrast Ratio</b>	20,000:1 (full on/full off)
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life and Type*</b>	10,000/7000/6500/6000/5000 Hours (Edu/Dynamic/ECO+/ECO/Normal), P-VIP 190W lamp
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	>80%
<b>Aspect Ratio</b>	16:10 Native, 16:9, 4:3 compatible
<b>Throw Ratio (Distance/Width)</b>	1.49–1.79
<b>Projection Distance</b>	3.9'–32.8' (1.2–10 m)
<b>Image Size (Diagonal)</b>	30"–300" (0.69–7.6 m)
<b>Projection Lens</b>	F=2.59–2.86, f=20.99–25.61 mm, 1.2x manual zoom and focus
<b>Digital Zoom</b>	0.8~2.0
<b>Offset</b>	112%
<b>Audio</b>	2-Watt speaker
<b>Noise Level</b>	28dB
<b>Remote Control</b>	IR remote mouse control
<b>Operating Conditions</b>	41–113°F (5–45°C), 85% max humidity
<b>Power Supply</b>	AC input 100–240V, 50–60Hz, auto-switching
<b>Power Consumption</b>	Max 250 (Normal), Min 202 (Eco+), <0.5W (standby-ECO)

### COMPATIBILITY SPECIFICATIONS

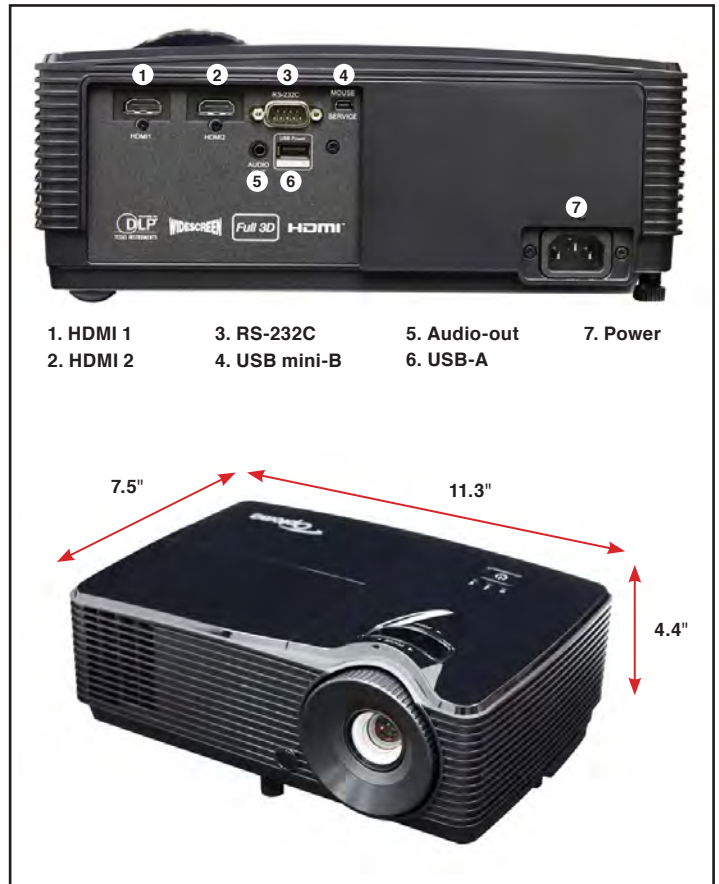
<b>Computer Compatibility</b>	HD, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
<b>3D Compatibility†</b>	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
<b>Vertical Scan Rate</b>	24–85Hz, 120Hz
<b>Horizontal Scan Rate</b>	15.375–91.4KHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 27 languages
<b>I/O Connection Ports</b>	Two HDMI v1.4a, Audio-out, RS-232C, USB-A, USB-B
<b>Loop Through (Audio)</b>	<i>Audio:</i> HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)

### PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port and keypad lock
<b>Weight</b>	4.8 (2.1 kg)
<b>Dimensions (W x H x D)</b>	11.3" x 4.4" x 7.5" (287 x 111 x 190 mm)

\*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 either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit [www.OptomaUSA.com](http://www.OptomaUSA.com) for more information.



1. HDMI 1      3. RS-232C      5. Audio-out      7. Power  
2. HDMI 2      4. USB mini-B      6. USB-A

#### Warranty

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

#### In the Box (Standard Accessories)

W311 projector, AC power cord, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, warranty card and carrying case

#### Optional Accessories

Universal ceiling mount, Optoma screens, DLP® Link™ 3D glasses, wireless HDMI system and single-Cat6 HDBaseT

#### Accessory Part Numbers

Lamp: PBA84-2400	Remote: J8947-0384-00
Carrying case: BK-4032	DLP® Link™ 3D glasses: ZD302
Single-Cat6 HDBaseT kit: EVBMM-M110	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818B-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extension pole): OCM815B	

UPC 796435 41 929 5

[www.OptomaUSA.com](http://www.OptomaUSA.com)

**Optoma**  
Projector Expert

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