

# Super bright WXGA projection

W461



## Wireless presentation and multimedia



- Extraordinary bright WXGA projection with 5,000 lumens and 20000:1 contrast ratio
- Extensive I/O connectivity with HDMI, VGA, audio, RJ45, USB and RS-232C
- PC-free USB image viewer and office document reader
- Wireless presentations and images with EZCast Pro App (USB Wi-Fi Dongle Included)
- Four corner correction for robust installations in any environment
- USB display screen mirroring with iOS and Android devices
- LAN display via Ethernet with Windows and Mac OS X



WXGA

Full 3D



PC Free



Project large images in classrooms, corporate boardrooms and multi-purpose offices with the 5,000 lumens, WXGA Optoma W461 projector. The 20,000:1 contrast ratio, sRGB and REC.709 color profile support produce luminous, sharp and colorful images with accurate colors that's visible practically any time of the day, ideal for classrooms, corporate boardrooms and multi-purpose offices.

A PC-free image viewer and document reader displays office documents, PDFs and images from USB storage devices. HDCast Pro connectivity provides wireless screen mirroring with Android, Mac OS and Windows devices.

LAN display supports up to 4 simultaneous computers while USB display mirrors Android and iOS devices. A 1.2x zoom and four corner geometry correction allows flexible installations while robust input options include HDMI, VGA and RJ-45 for connectivity to a wide range of devices.

## CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



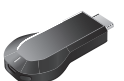
3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

## SUPER BRIGHT WXGA PROJECTION— W461

### OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single 0.65" DMD S450, DC3 chip DLP® Technology by Texas Instruments
<b>Color Wheel</b>	RYGBW
<b>Native Resolution</b>	WXGA (1280x800)
<b>Maximum Resolution</b>	WUXGA (1920x1200)
<b>Brightness</b>	5,000 ANSI lumens
<b>Contrast Ratio</b>	20,000:1
<b>Displayable Colors</b>	1.07 billion
<b>Lamp Life and Type*</b>	4500/3500/2500 (EDU/ECO/Bright) - 285W
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	± 30° vertical / ± 25° horizontal
<b>Keystone Distortion</b>	±0.5% max
<b>Uniformity</b>	75%
<b>Offset</b>	111.3% (%±5%)
<b>Aspect Ratio</b>	16:10 (native), 4:3, 16:9 and LBX compatible
<b>Throw Ratio</b>	1.28 - 1.53 (±5%)
<b>Projection Distance</b>	3.36' - 22.05' (no zoom)
<b>Image Size</b>	37.2" - 204.2"
<b>Projection Lens</b>	F=2.59 ~2.81, f=16.87 ~ 21.87mm manual
<b>Optical Zoom</b>	1.2x
<b>Digital Zoom</b>	0.8 - 2.0
<b>Audio</b>	10W
<b>Noise Level</b>	31dB/37dB (ECO/Bright)
<b>Remote Control</b>	Full size remote
<b>Operating 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>	370W typical (Bright mode), 390W max (Bright mode), 300W typical (Eco+ mode), 320W max (Eco+ mode)
<b>High Altitude</b>	Operating temp @ sea level up to 10000 feet = 23F (max); must manually switch to high altitude mode @ 5000 feet & above (using OSD)

### MULTIMEDIA AND PRESENTATION FEATURES

<b>Wireless Screen Mirroring</b>	Windows, Mac and Android devices (requires EZCast Pro app)
<b>LAN Display (Ethernet)</b>	Screen mirroring with Windows and Mac systems, up to 4 simultaneous users (requires EZCast Pro app)
<b>USB Display</b>	Screen mirror with Android and iOS devices over USB cable (requires EZCast Pro app)
<b>PC-free Image Viewer and Document Viewer</b>	Supports viewing of office documents (Word, Excel & Powerpoint [animations not supported]), PDFs and images via USB storage devices
<b>PC-free Image Format Support</b>	JPEG

### COMPATIBILITY SPECIFICATIONS

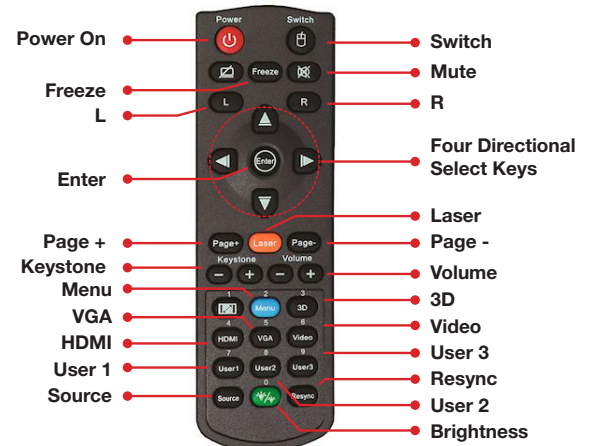
<b>Computer Compatibility</b>	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
<b>Video Input Compatibility</b>	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p)
<b>3D Compatibility<sup>†</sup></b>	Side-by-side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-under: 1080p24, 720p50 / 60
<b>Vertical Scan Rate</b>	15 - 91kHz
<b>Horizontal Scan Rate</b>	25 - 85Hz (120Hz for 3D)
<b>User Controls</b>	Complete on-screen menu adjustment in 26 languages
<b>I/O Connection Ports</b>	2xHDMI (with MHL), VGA-in, VGA-out, audio-in (3.5mm), audio-out (3.5mm), RJ-45, 1x USB (Wi-Fi adapter), 1x USB (USB reader and USB power), USB-B Mini (service), 12V trigger (3.5mm), RS-232C
<b>Loop Through (Audio)</b>	Yes

\*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

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



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|-------------------|----------------------|------------------------|
| 1. HDMI1-In       | 6. RJ-45             | 11. Audio-Out          |
| 2. HDMI2-In (MHL) | 7. 12V-Out           | 12. USB Reader/Display |
| 3. RS-232C        | 8. USB Wi-Fi Adapter | 13. AC Power           |
| 4. VGA-In/YPbPr   | 9. Mouse service     | 14. Kensington™ Lock   |
| 5. Audio-In       | 10. VGA-Out/YPbPr    |                        |



### PHYSICAL SPECIFICATIONS

<b>Security protection</b>	Security bar, Kensington lock, password
<b>Weight</b>	6.75 lbs.
<b>Dimensions (W x H x D)</b>	12.20" x 8.66" x 3.93"

#### Warranty

2-Year parts and labor limited warranty on the projector, 90 days lamp warranty

#### What's in the Box

W461 projector, AC power cord, remote control, USB Wi-Fi dongle, Carry Bag, Lens Cap, batteries for remote, quick start user manual

#### Accessories

Lamp: BL-FP285A  
Wi-Fi adapter (replacement): WUSB  
Remote: BR-5011L  
Universal ceiling mount: OCM818W-RU  
Universal ceiling mount: BM-5001U  
Universal ceiling mount (with extensional pole): OCM815W  
Carrying case: BK-4028

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