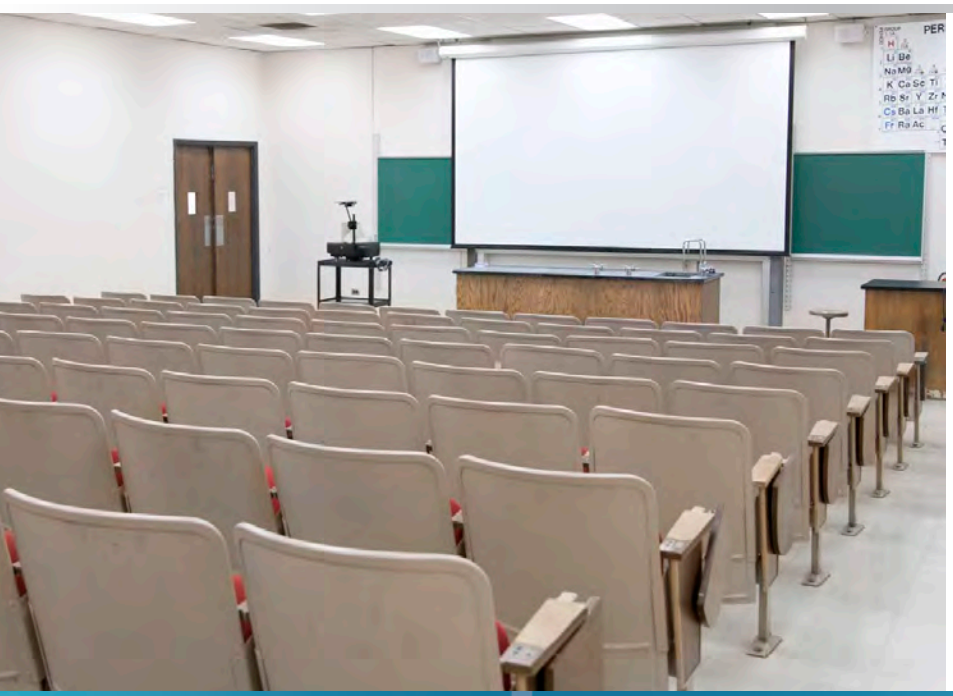
MULTIMEDIA PROJECTOR
W505

BRILLIANT PRESENTATIONS WITH MAXIMUM INSTALLATION FLEXIBILITY



- **Bright crystal clear images for large venue applications**
- **Unsurpassed color accuracy for the most impactful presentations**
- **Vertical and horizontal lens shift for ease of installation**
- **Optional lenses for maximum installation flexibility**



The Optoma W505 was designed to deliver extraordinary performance and superior reliability to satisfy your large venue projector install needs. Its powerful 5200 lumens bright output combined with a remarkable 2,000:1 contrast ratio deliver amazingly bright, color-rich presentations with sharp, clear text and graphics. The Optoma W505 features one the most comprehensive input panels and most advanced feature set its class to ensure the projector will satisfy your current and future needs. HDMI, display port and DVI for digital connectivity, 2 VGA inputs and one VGA out for analog content, vertical and horizontal lens shift, discrete audio inputs, 12 volt trigger for maximum installation convenience. Just a few of the many outstanding features on this remarkable product.

LENS THROW OPTIONS

	Short Throw	Standard Throw	Long Throw
Optoma Part Number	BX-DL080	BX-DL200	BX-DL300
Throw Ratio (Distance/Width)	0.81:1	1.62–2.03:1	2.02–3.03:1
Projection Distance	1.6'–9.8' (0.5 to 3m)	4.9'–23.0' (1.5–7m)	6.6'–65.6' (2–20m)
Image Size (Diagonal)	28.0"–171" (0.71–4.34m)	34.2"–200" (0.87–5.08m)	30.6"–457" (0.78–11.6m)
Projection Lens	F=2.5, f=11.5 mm, Manual Focus	F=2.46-2.56, f=22.8-28.5 mm, 1.25x Manual Zoom and Focus	F=2.5-3.1, f=28.5-42.75 mm, 1.5x Manual Zoom and Focus
Weight w/ Projector	19.1 lb (8.6 kg)	18.9 lb (8.6 kg)	18.9 lb (8.6 kg)

MULTIMEDIA PROJECTOR — W505

OPTICAL/TECHNICAL SPECIFICATIONS

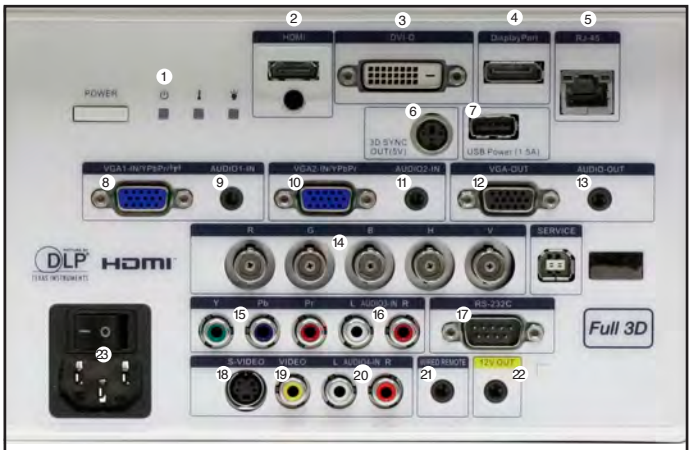
Display Technology	Single 0.65" DarkChip3™ DLP® Technology by Texas Instruments™
Native Resolution	WXGA (1280 x 800)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness (Typical)	5200 lumens
Contrast Ratio	2,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life* and Type	3500/1500 Hours (STD/bright) 370W P-VIP
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° Vertical
Uniformity	85%
Aspect Ratio	16:10 Native, 4:3 and 16:9 compatible
Lens Shift	Vertical -30% to +50% image height Horizontal ±10% image width
Audio	Two 3-Watt speakers
Noise Level (STD)	37dB
Remote Control	Fully-featured IR remote with the option to hardwire to the projector
Operating Temperature	41–113°F (5–45°C), 85% max humidity, adjustable fan speed for high altitude application
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	480W max (bright), 330W (STD), <0.5 Watt (standby)

COMPATIBILITY SPECIFICATIONS

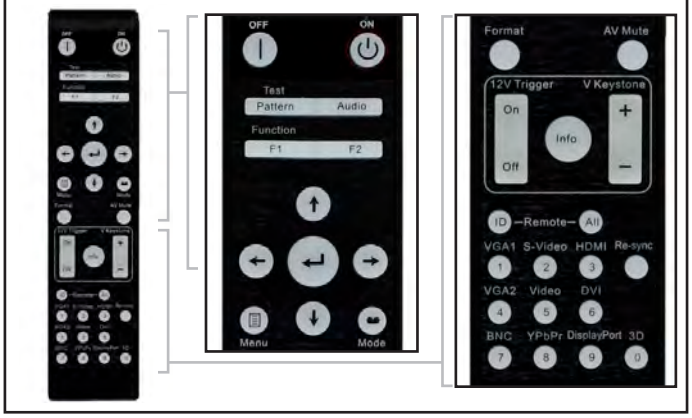
Computer Compatibility	WUXGA, UXGA, SXGA+, WXGA, SXGA, XGA, SVGA, VGA resized, VESA, PC and Macintosh compatible
Video Compatibility	NTSC, PAL, SECAM, SDTV (480i/576i), EDTV (480p/576p, HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D format, side-by-side format and top and bottom format
Vertical Scan Rate	24–85kHz, 120Hz, 144Hz
Horizontal Scan Rate	15–91kHz
User Controls	Complete on-screen menu adjustments in 26 languages
I/O Connection Ports	Display port, HDMI, DVI-D w/ HDCP, two VGA-in, VGA-out, S-video, composite video, component video, five BNC (RGBHV/YPbPr), two stereo mini jack audio-in, two RCA stereo audio-in, audio-out, 3D vesa port, wired remote, USB-A charging port, RS-232C, RJ45, and 12V trigger
Monitor Loop Through	*Monitor:* D-Sub 15 pin VGA output (functional in both normal and standby modes *Audio:* VAO audio out, HDMI VAO audio out supported (VAO in normal mode, fixed in Standby)

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar and keypad lock
Weight	18.6 lb (8.4 kg) w/o lens
Dimensions (W x D x H)	16.9" x 7.1" x 13.4" (430 x 181 x 340 mm)



1. Power LED Indicator
2. HDMI
3. DVI-D
4. Display Port
5. RJ45
6. 3D SYNC Out (5V)
7. USB Charging Port
8. VGA-In
9. Audio-In (VGA-1)
10. VGA 2-In
11. Audio-In (VGA-2)
12. VGA-Out
13. Audio-Out
14. BNC (RGBHV/YPbPr)
15. Component
16. RCA Audio-In
17. RS-232C
18. S-Video
19. Composite Video
20. RCA Audio-In
21. Wired Remote
22. 12V Trigger
23. Power



Warranty

3-Year Optoma Express Service, 1-Year on Lamp

In the Box

AC power cord, VGA to VGA cable, remote control, batteries for remote, CD-ROM user's manual, quick start card and warranty card, lens is not included

Optional Accessories

Lens throw options, wireless dongle, ceiling mount, HDMI cable, Optoma screens, RF 3D glasses, RF 3D emitter, DLP® Link™ 3D glasses

Accessory Part Numbers

Lamp: BL-FP370A
Remote: BR-7003N
RF 3D glasses: BG-ZF2100GLS
DLP® Link™ 3D glasses: BG-ZD301
Mount: BM-5001U
Wireless VGA Dongle: BI-EXTBG03
RF 3D emitter: BG-BC100B

UPC 796435 41 829 8

*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 for more information.

www.OptomaUSA.com

Optoma Projector Expert

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All specifications subject to change at any time. The Optoma Express Program is only valid in the U.S.