







# WU1500

## WUXGA Large Venue Professional Installation Projector



### 12,000 LUMENS DUAL-LAMP PROJECTOR FOR 24/7 OPERATION

-  Built-in edge blending, warping and black level correction eliminates need for 3rd party software
-  6 optional lenses ranging from 0.84:1 to 7.2:1 covering wide range of installation scenarios
-  360 degree and Portrait mode projection perfect for digital signage application
-  A variety of I/Os including HDBaseT and 3G-SDI support installations needing long cables and high bandwidth
-  Power zoom, focus and lens shift allows adjustments from the ground – not on a ladder
-  Optional color wheel for rich color content



# PRO|SCENE

The Optoma WU1500 is a Large Venue single chip DLP projector. With 12,000 lumens and excellent color reproduction, the WU1500 is the perfect projector for auditoriums, boardrooms, rental use and the broadcast market.

The Optoma WU1500 facilitates flexible installations in any orientation. Built-in warping and blending makes the WU1500 the favorite for any type of application. The six lens options meet all your projection and installation needs.

The Optoma WU1500 provides a variety of analog and digital I/Os including HDMI, HDBaseT and 3G-SDI to connect to a wide range of professional devices.



### Lenses



BX-CTA18



BX-CTA19



BX-CTA20



BX-CTA21

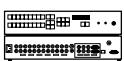


BX-CTA22

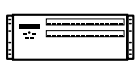


BX-CTA23

### CONNECTIVITY (May require optional accessories)



3GSDI Switcher



AV Switcher



Control System



HDBaseT Extender



HDBaseT Switcher



Media Server



Smart Phone



Tablet

### Technology/Features



WIDESCREEN  
16:10  
ENHANCED

CRESTRON  
RoomView  
connected



IP LINK

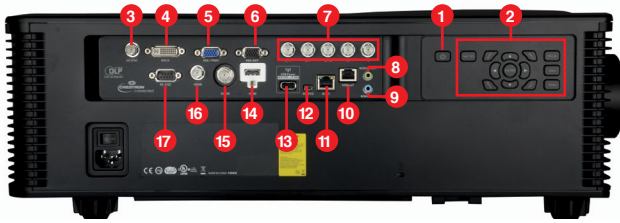
RJLink™

3GSDI

HDBaseT™

HDMI™  
HIGH DEFINITION MULTIMEDIA INTERFACE

# WU1500: Dual Lamp, WUXGA Professional Installation Projector



- |                        |                                    |
|------------------------|------------------------------------|
| 1. Power On/Off        | 10. HDBaseT                        |
| 2. Menu Navigation Pad | 11. RJ-45 (LAN)                    |
| 3. 3D-CVBS             | 12. USB-mini (service)             |
| 4. DVI-D               | 13. USB (support wifi dongle only) |
| 5. VGA-in (YPbPr)      | 14. HDMI                           |
| 6. VGA-out             | 15. 3G-SDI                         |
| 7. BNC (RGBHV)         | 16. S-Video                        |
| 8. Wired Remote Out    | 17. RS-232C                        |
| 9. Wired Remote In     |                                    |



## OPTICAL/TECHNICAL SPECIFICATIONS

<b>Display Technology</b>	Single DMD 0.96" WUXGA DC3 DLP® Technology by Texas Instruments™	
<b>Color Wheel</b>	6 Segment; RGBCYW	
<b>Native Resolution (Graphics Timing)</b>	WUXGA (1920 x 1200)	
<b>Maximum Resolution (Graphics Timing)</b>	WUXGA (1920x1200)	
<b>Brightness</b>	12000 Center Lumens (11000 ANSI)	
<b>Contrast Ratio</b>	5000:1 DynamicBlack enabled (2000:1 full on/off)	
<b>Displayable Colors</b>	1024*1024*1024	
<b>Blending</b>	Yes - With black level correction	
<b>Geometry</b>	Yes - 17x17 grid point adjustment, barrel, pincushion	
<b>Lamp Life*</b>	1500/2000 (Bright/ECO)	
<b>Projection Method</b>	Front, rear, ceiling mount, table top	
<b>Keystone Correction</b>	±20° Vertical and Horizontal	
<b>Uniformity</b>	80% - Center lens position	
<b>Lens shift</b>	Up to (+/-) 25% Horizontal (+/-) 60% Vertical depending on the Lens	
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, Auto	
<b>Throw Ratio</b>	0.84:1 ~ 7.2:1 (variable upon lens)	
<b>Projection Distance</b>	Between 2.5' to 254' (variable upon lens)	
<b>Image Size</b>	up to 500" (Variable upon lens)	
<b>Projection Lens</b>	BX-CTA18 Short Zoom	0.84 ~ 1.02
	BX-CTA19 Wide Zoom	1.02 ~ 1.36
	BX-CTA20 Semi- Wide Zoom	1.2 ~ 1.5
	BX-CTA21 Standard	1.5 ~ 2.0
	BX-CTA22 Long Zoom	2.0 ~ 4.0
	BX-CTA23 Extra long Zoom	4.0 ~ 7.2
<b>Optical Zoom</b>	1.2x to 2.0x (variable upon lens)	
<b>Digital Zoom</b>	Vertical and Horizontal	
<b>WiFi</b>	Using WUSB-Pro dongle	
<b>Noise Level</b>	36dB (370W)	
<b>Remote Control</b>	IR and wired control	
<b>Operating Temperature</b>	0–40°C (0~2500 ft)	
<b>Power Supply</b>	AC input 100–240V, 50–60 Hz, auto-switching	
<b>Power Consumption</b>	465W Max (Bright), 370W Max (ECO)	
<b>High Altitude</b>	Operating temp at sea Level 10000 feet max	
<b>Lamp Type</b>	Dual lamp 465 Watt	

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	UXGA, SXGA, XGA, SVGA, VGA, WXGA, HD, WUXGA, Mac
<b>Video Input Compatibility</b>	SDTV, EDTV, HDTV, NTSC, PAL, SECAM
<b>3D Compatibility<sup>†</sup></b>	Mandatory HDMI 1.4 3D formats, 120Hz frame sequential (up to 720p)
<b>Vertical Scan Rate</b>	24Hz to 85Hz (120Hz for 3D playback)
<b>Horizontal Scan Rate</b>	15kHz to 98kHz
<b>User Controls</b>	LAN, RS-232, IR and HDBaseT
<b>I/O Connection Ports</b>	HDMI, DVI ( Digital Only), VGA (RGBHV), VGA (out), BNC (RGBHV/Component) , USB 2.0 (support wifi dongle only), HDBaseT, LAN (RJ45, network control), 3G-SDI, AC power, RS232 (d-sub), Jack 3.5mm (Wired remote In), Jack 3.5mm (Wired remote out), CVBS (3D-Sync)

## PHYSICAL SPECIFICATIONS

<b>Security</b>	<b>Security bar, PIN protection</b>
<b>Weight</b>	51 lb (without lens)
<b>Dimensions (W x H x D)</b>	23.3" x 20.5" x 8.2" (520 x 591 x 199 mm ) with feet

### Warranty

3-Year Optoma Express Service

### In the Box (Standard Accessories)

WU1500 projector, AC power cord, VGA cable, remote control, batteries, multilingual CD-ROM user's manual, basic user manual, and warranty card

### Optional Accessories

Ceiling mount, Optoma screen, wireless HDMI system, Optional lenses

### Accessory Part Numbers

Lamp: BL-FN465B	Wireless: WHD200, WUSB-Pro
Remote: BR-3074W	RF 3D Glasses: ZF2300Glasses
Ceiling Mount: BM-9010N	DLP® Link™ 3D glasses: ZD302
Color enhancement wheel: BZ-8JN09	
3D Emitter: BC300 (Adapter cable required)	
Lenses: BX-CTA19, BX-CTA18, BX-CTA20, BX-CTA21, BX-CTA22, BX-CTA23	

UPC 796435 41 997 4

\*Lamp life is dependent upon 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.