

# WXGA ULTRA SHORT THROW PROJECTION W320UST



## WIDESCREEN WXGA UST PROJECTOR FOR BUSINESS AND EDUCATION



- WXGA 4000 lumen ultra short throw projector with 20,000:1 contrast ratio**
- Large, clear and shadow-free 100" image from 24 inches away**
- Extensive connectivity, robust network control, and powerful 16-Watt speaker**
- Low total cost of ownership with 6500 hour lamp life**



The Optoma W320UST is a feature-packed WXGA next generation ultra short throw projector for business and education users who demand bright widescreen WXGA projection.

The W320UST sports an impressive ultra bright 4000 lumen image, 20,000:1 contrast ratio, powerful 16-Watt speaker and amazing 6500-hour lamp life. With a powerful WXGA throw ratio of 0.27, the W320UST allows for a 100" image from only 24 inches away.

The W320UST is flexible and robust providing full network control support for popular management suites such as Crestron and PJ Link, along with support for RS-232C and Telnet-based commands. Lamp life can exceed 6000 hours in ECO+ mode and the 16-Watt speaker is crisp and clear, enhancing the effectiveness of presentations.

### CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Digital Cameras



Apple TV®



Chromecast™

# WXGA ULTRA SHORT THROW PROJECTION — W320UST

## OPTICAL/TECHNICAL SPECIFICATIONS

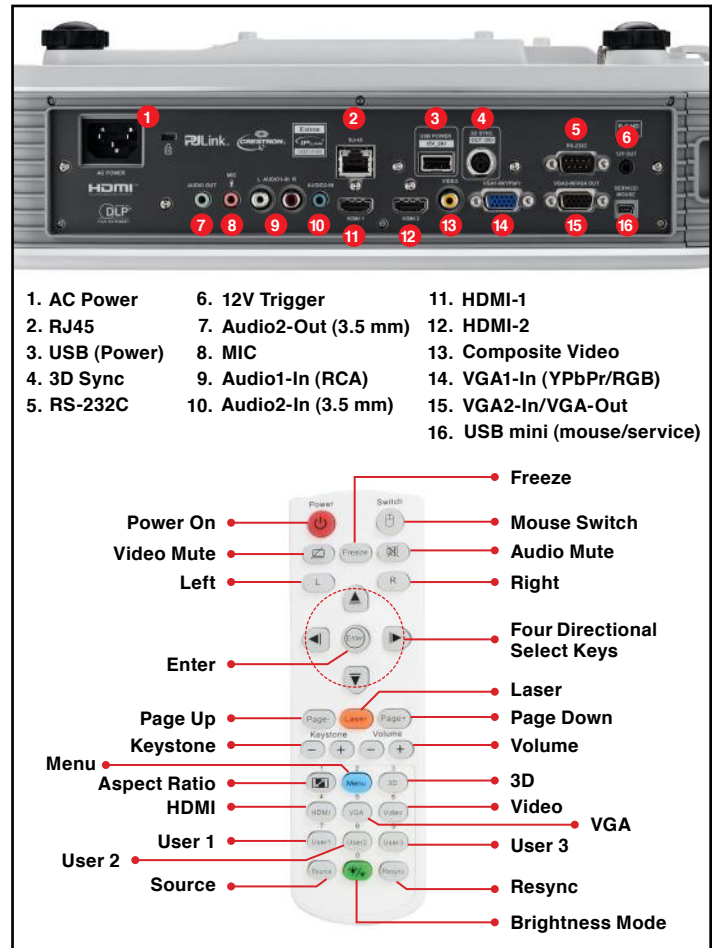
<b>Display Technology</b>	Single 0.65" DC3 DLP® Technology by Texas Instruments™
<b>Native Resolution</b>	WXGA (1280x800)
<b>Maximum Resolution</b>	WUXGA (1920 x 1200)
<b>Brightness</b>	4000 ANSI Lumens
<b>Contrast Ratio</b>	20000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Lamp Life*</b>	3000/5000/5000/6500 Hrs (Bright/ECO/Dynamic/ECO+)
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	85%
<b>Offset</b>	115%
<b>Aspect Ratio</b>	16:10 (native), 4:3, 16:9
<b>Throw Ratio</b>	0.27:1 (distance/width), ±5% Variance
<b>Projection Distance</b>	19.1"– 25.8" (0.485m - 0.656m)
<b>Image Size (Diagonal)</b>	85"–115"
<b>Projection Lens</b>	F/2.4; f=3.72 mm, Fixed Zoom
<b>Optical Zoom</b>	Fixed
<b>Digital Zoom</b>	Fixed
<b>Audio</b>	16W Mono Speaker
<b>Noise Level</b>	Min 29dB–Max 36dB
<b>Remote Control</b>	Full Function IR Remote with Laser
<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>	350W MAX Bright Mode / 300W MAX Eco mode (<0.5W Standby)
<b>High Altitude</b>	Operating Temp @ Sea Level to 10000 feet = 23C (max); MUST manually switch to high altitude mode @ 5000 feet & above (using OSD) to maintain optimal functionality.

## COMPATIBILITY SPECIFICATIONS

<b>Computer Compatibility</b>	WUXGA, UXGA, SXGA, WXGA, HD, 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>1</sup></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 for 3D)
<b>Horizontal Scan Rate</b>	15.3–91.1kHz
<b>User Controls</b>	Complete on-screen menu, adjustments in 25 languages
<b>I/O Connection Ports</b>	2x HDMI (1.4a 3D support), 3D-Sync Port Out, VGA1-In (YPbPr/RGB), VGA2-In/VGA-Out (shared), Composite Video, Audio1-In (analog RCA), Audio2-In (3.5 mm), Audio-Out (3.5 mm), RJ45, RS-232C, mini USB (remote mouse/service), 12V trigger, Mic, USB-A (power)
<b>Epson Arm Mount Compatibility</b>	Adapter Plate for Epson UST Arm Mount (Part# EWMA2000)
<b>Promethean Arm Mount Compatibility</b>	Adapter Plate for Epson UST Arm Mount (Part# BM-4001P)
<b>Loop Through (Audio)</b>	Yes

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® lock port, security bar and keypad lock
<b>Weight</b>	10.53 lb (4.78 kg)
<b>Dimensions (W x H x D)</b>	15.15" x 4.72" x 12.20" (385 x 120 x 310 mm)



### Warranty

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

### What's in the Box

W320UST projector, AC power cord, VGA cable, USB cable, remote control, batteries, quick start card, CD user manual

### Optional Accessories

Lamp, Remote, Wireless HDMI solution, Wireless VGA adapter, VGA to Component adaptor, RF 3D glasses, DLP® Link™ 3D glasses, RF 3D emitter, Adapter plate for Epson arm mount, Adapter plate for Promethean arm mount, Optoma ceiling mount

### Accessory Part Numbers

Lamp: SP.72701GC01	Remote: SP.72702GC01
Wireless HDMI Solution: WHD200	Wireless VGA Adapter: BI-EXTBG03
VGA to component adaptor: BC-VGCRXY00	RF 3D glasses: ZF2300GLASSES
DLP® Link™ 3D glasses: ZD302	RF 3D emitter: BC300
Adapter plate for Epson arm mount: EWMA2000	Optoma Wall mount: OWM2100
Adapter plate for Promethean arm mount: BM-4001P	

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<sup>1</sup>Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

<sup>2</sup>3D content can be viewed with either RF or DLP Link active shutter 3D 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.

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