WXGA ULTRA SHORT THROW PROJECTION
W320UST

Optoma

WIDESCREEN WXGA UST PROJECTOR FOR BUSINESS AND EDUCATION

HD — WXGA 4000 lumen ultra short throw projector with 20,000:1 contrast ratio

UST — 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

PICTURE BY **DLP** TEXAS INSTRUMENTS | FEATURES **BrilliantColor** With Multi-Color Process's Far More Vibrant CMGYC | **NATIVE 16:10** WIDESCREEN | **Full 3D** 1080p | **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE | **CRESTRON** | **RoHS** COMPLIANT

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™

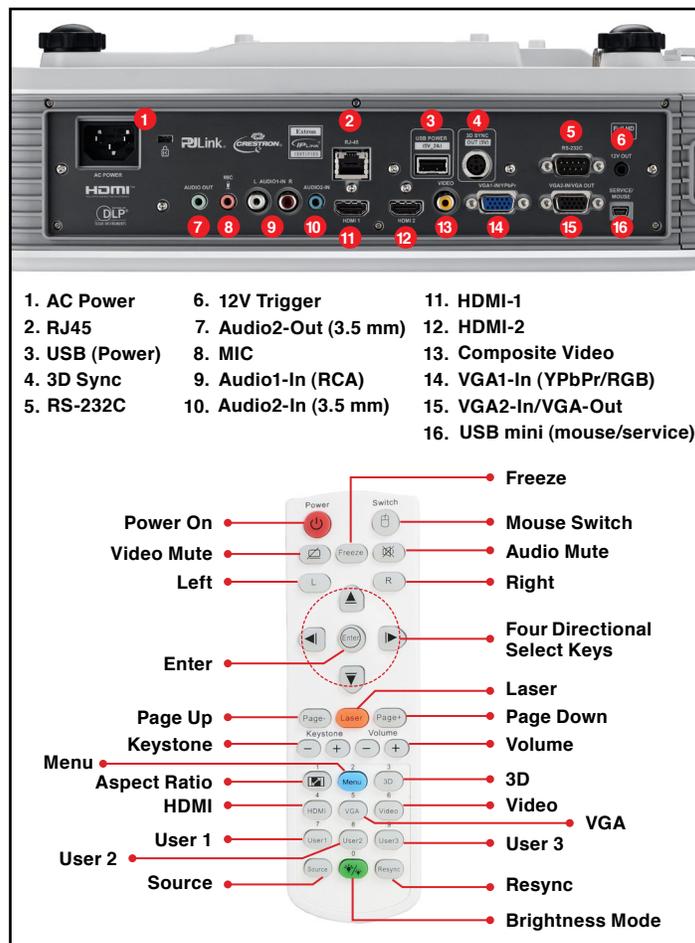# WXGA ULTRA SHORT THROW PROJECTION — W320UST

OPTICAL/TECHNICAL SPECIFICATIONS

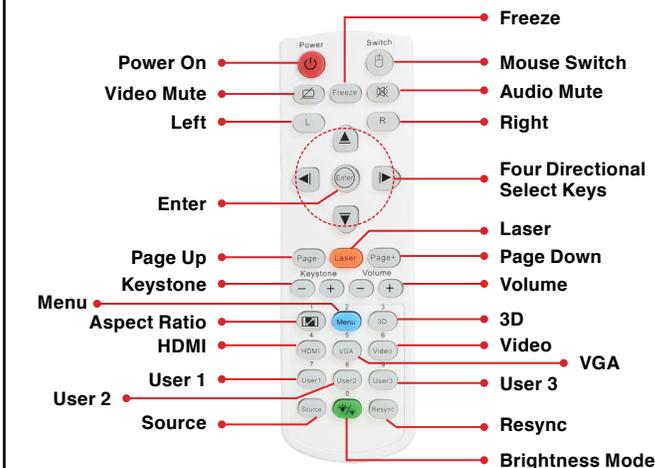|	
Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	WXGA (1280x800)
Maximum Resolution	WUXGA (1920 x 1200)
Brightness	4000 ANSI Lumens
Contrast Ratio	20000:1
Displayable Colors	1.07 Billion
Lamp Life*	3000/5000/5000/6500 Hrs (Bright/ECO/Dynamic/ECO+)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	85%
Offset	115%
Aspect Ratio	16:10 (native), 4:3, 16:9
Throw Ratio	0.27:1 (distance/width), ±5% Variance
Projection Distance	19.1"– 25.8" (0.485m - 0.656m)
Image Size (Diagonal)	85"–115"
Projection Lens	F/2.4; f=3.72 mm, Fixed Zoom
Optical Zoom	Fixed
Digital Zoom	Fixed
Audio	16W Mono Speaker
Noise Level	Min 29dB–Max 36dB
Remote Control	Full Function IR Remote with Laser
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	350W MAX Bright Mode / 300W MAX Eco mode (<0.5W Standby)
High Altitude	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

Computer Compatibility	WUXGA, UXGA, SXGA, WXGA, HD, XGA, SVGA,VGA, Mac
Video Input Compatibility	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)
3D Compatibility†	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.
Vertical Scan Rate	24–85Hz (120Hz for 3D)
Horizontal Scan Rate	15.3–91.1kHz
User Controls	Complete on-screen menu, adjustments in 25 languages
I/O Connection Ports	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)
Epson Arm Mount Compatibility	Adapter Plate for Epson UST Arm Mount (Part# EWMA2000)
Promethean Arm Mount Compatibility	Adapter Plate for Epson UST Arm Mount (Part# BM-4001P)
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

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

1. AC Power
2. RJ45
3. USB (Power)
4. 3D Sync
5. RS-232C
6. 12V Trigger
7. Audio2-Out (3.5 mm)
8. MIC
9. Audio1-In (RCA)
10. Audio2-In (3.5 mm)
11. HDMI-1
12. HDMI-2
13. Composite Video
14. VGA1-In (YPbPr/RGB)
15. VGA2-In/VGA-Out
16. USB mini (mouse/service)

Freeze
Power On
Video Mute
Left
Enter
Page Up
Keystone
Menu
Aspect Ratio
HDMI
User 1
User 2
Source
Mouse Switch
Audio Mute
Right
Four Directional Select Keys
Laser
Page Down
Volume
3D
Video
VGA
User 3
Resync
Brightness Mode

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	

UPC 796435 41 945 5

*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 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 for more information.

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