INTERACTIVE WIDESCREEN PROJECTOR
W319USTir

Optoma

WIDESCREEN WXGA UST PROJECTOR FOR BUSINESS AND EDUCATION

HD WXGA 3300 lumen ultra short throw projector with 18000:1 contrast ratio

UST Large, clear and shadow-free 100" image from less than 2' away - Ideal for installations with limited space

Best-in-class IR Pens for the ultimate in collaboration and reliability

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 | **BrilliantColor** | **NATIVE 16:10** WIDESCREEN | **Full 3D** 1080p | **HDMI** HIGH DEFINITION MULTIMEDIA INTERFACE | **CRESTRON** | **RoHS** COMPLIANT

The Optoma W319USTir is a feature-packed next generation ultra short throw projector for business and education users who demand bright WXGA projection fused with the latest and greatest interactive technology.

The W319USTir sports impressive ultra bright 3300 lumens, 18000:1 contrast ratio, powerful 16-Watt speaker and amazing 6500-hour lamp life. The W319USTir's powerful throw ratio of 0.27 allows for a 100" image from 24 inches away.

The W319USTir's interactive IR pens allows two individuals to collaborate and engage simultaneously with the presenter for the ultimate presentation experience using Windows 8.1, Windows 10, or Mac OS X.

CONNECTIVITY (May require optional accessories)

Computers | Smart Phones | Tablets | 3D Blu-ray/DVD Players | Camcorders | Digital Cameras | Apple TV® | Chromecast™

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	3300 ANSI Lumens
Contrast Ratio	18000:1
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 / Digital Zoom	Fixed
Audio	16W Mono Speaker
Noise Level	Min 29dB–Max 36dB
Remote Control	Full Function IR Remote with Laser
Operating Room 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)
LCT and Finger Touch Operating System Compatibility	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
Interactive Tools Operating System Compatibility	Mac OS X 10.9.x, 10.10.x, and 10.11.x Windows 7, Windows 8.1, and Windows 10
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	10.69 lb. (4.85 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)

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

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

What's in the Box
W319USTir projector, AC power cord, VGA cable, USB cable, remote control, batteries, quick start card, CD user manual, battery powered IR Pens

Optional Accessories
Lamp, Remote, Wireless HDMI solution, Wireless VGA adapter, VGA to Component adaptor, RF 3D Glasses, DLP® Link™ 3D glasses, RF 3D emitter, 2x battery powered IR Pens, 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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*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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