



# INTERACTIVE ULTRA SHORT THROW MULTIMEDIA LASER PHOSPHOR PROJECTOR

ZW300USTi



## Brilliant laser projection for rooms of any size



-  **3200 lumens and 100,000:1 contrast ratio produce bright, striking imagery along with razor sharp text**
-  **PC Free USB Media Player supports playback of video and audio files along with shared images and presentations**
-  **Stylus and Finger Interactive Touch under Windows 10 and Mac OS X, for collaborative and immersive experiences**
-  **Powerful 10 Watt speakers enhances presentations and fills the room with loud crisp audio**
-  **Laser Phosphor Light Source provides 20,000+ hours of light source expectancy**
-  **HDMI MHL port supports popular HDMI dongles including Optoma's HDCast Pro, Chromecast, FireTV & more**



WXGA

Full 3D



Equipped with state-of-the-art laser phosphor display technology, the Optoma ZW300USTi showcases superior picture quality and enhanced color performance to provide unsurpassed imagery in spaces large and small. Producing rich colors and deep black levels that outperform traditional lamp-based projectors, the ZW300USTi's solid-state laser light source provides 20,000+ hours of virtually maintenance-free operation. With a throw ratio of .27, the WXGA ZW300USTi can display a large 115" image from only 19" away, making it ideal for use in space-constrained environments including small classrooms, meeting rooms, boardrooms and digital signage applications. Allowing for presentations to seamlessly transition from external sources on the fly, the ZW300USTi's PC Free USB Media Player supports playback of video and audio files along with images and presentations shared directly from any USB device.

The ZW300USTi's next-generation TouchBEAM interactive technology is Windows 8.1 and Windows 10 compliant with Full Windows Touch Support (10 touch points). In addition, it also supports the latest versions of Mac OS X (2 touch points). Whether participants are using the non-powered stylus (use not required) or simply using their finger, the ZW300USTi enables multiple participants to simultaneously engage with the educator or presenter in a truly collaborative presentation experience. Allowing for presentations to transition from external sources seamlessly, the ZW300USTi's PC Free USB Media Player supports playback of video and audio files along with images and presentations shared directly from any USB device.

Featuring a powerful 10-watt speaker, the ZW300USTi enhances presentations, videos and audio files by delivering crisp, robust audio. In addition, streaming and presenting is made easy with an MHL-powered HDMI port that supports popular dongles including Optoma's HDCast Pro and Amazon's FireTV. The USB port can also be used to power Optoma's WHD200 Wireless HDMI system or Google's Chromecast media dongle.

## CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

# INTERACTIVE ULTRA SHORT THROW MULTIMEDIA LASER PHOSPHOR PROJECTOR – ZW300USTi

## OPTICAL/TECHNICAL SPECIFICATIONS

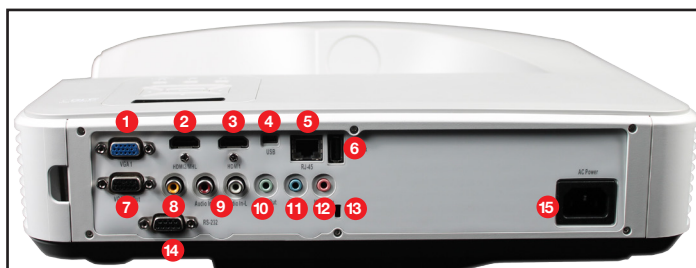
<b>Display Technology</b>	Single Texas Instrument DMD, 12 degree .65" DMD X1, Type S600, DC3
<b>Color Wheel</b>	3 Segment; Y/G/B Wheel
<b>Native Resolution</b>	WXGA 1280x800
<b>Maximum Resolution</b>	WUXGA 1920x1200
<b>Brightness</b>	3200 Lumens
<b>Contrast Ratio</b>	100,000:1 (dynamic black enabled) / 22,000:1
<b>Displayable Colors</b>	1.07 Billion
<b>Light Source Life and Type*</b>	Up to 20,000 hrs - Laser Phosphor
<b>Projection Method</b>	Front, rear, ceiling mount, table top
<b>Keystone Correction</b>	±40° Vertical
<b>Uniformity</b>	80%
<b>Offset</b>	120%
<b>Aspect Ratio</b>	16:10 (native), 16:9, 4:3, Auto
<b>Throw Ratio</b>	0.27:1
<b>Projection Distance</b>	19.4"– 27"
<b>Image Size</b>	85" - 115"
<b>Projection Lens</b>	F=2.5~ 3.26, f=20.91 ~ 32.62 mm manual focus
<b>Digital Zoom</b>	0.8 to 2.0
<b>Audio</b>	10 Watt Speaker
<b>Noise Level</b>	32dB
<b>Remote Control</b>	Full Function Remote
<b>Operating Temperature</b>	41–104°F (5–40°C), 85% max humidity
<b>Power Supply</b>	AC input 90 – 264V, 50–60 Hz
<b>Power Consumption</b>	335W (Bright), 225W (ECO)
<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)

## COMPATIBILITY SPECIFICATIONS

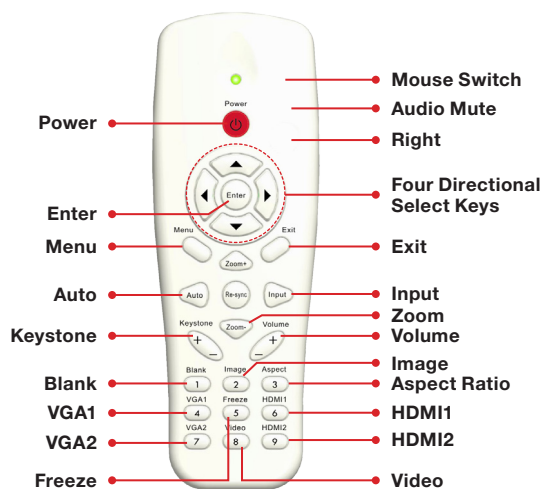
<b>PC Free USB Media Player and Office Document Viewer</b>	Supports playback of video files, audio files, and viewing of Office Documents and PDF files via USB 2.0 and USB 3.0 Flash Disks and Drives
<b>PC Free USB Media Player Video Codecs and Containers</b>	H.264, H.263, VC-1, MPEG-1/2/4, DIVX-3/4/5/6, XVID, WMV7/8, VP8, VP6, AVS, MKV
<b>PC Free USB Media Player Audio Codecs and Containers</b>	MP3, WMA, OGG, FLAC, APE, ATRA
<b>PC Free USB Media Player Image formats</b>	JPEG, GIF, BMP
<b>PC Free Office Document and PDF Viewer formats</b>	Word Documents (.doc, .docx), Excel Spreadsheets (.xls, .xlsx), PowerPoint Presentations (.ppt, .pptx), Adobe Acrobat files (.pdf)
<b>Computer Compatibility</b>	SVGA, VGA, SXGA, UXGA, XGA, WXGA, HD, Mac
<b>Video Input Compatibility</b>	NTSC, PAL, SECAM, SDTV 480i/p, 576i/p, HDTV 720p(50/60Hz), 1080i(50/60Hz), 1080P(50/60Hz)
<b>3D Compatibility†</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– 85 Hz (120Hz for 3D feature)
<b>Horizontal Scan Rate</b>	15.375–91.146 KHz
<b>User Controls</b>	Complete on-screen menu adjustment in 18 languages
<b>I/O Connection Ports</b>	2xHDMI with MHL, VGA-In, VGA-Out, Composite Video In, 2xAudio in (3.5mm/RCA audio), Mic-In (3.5mm), Audio out (3.5mm), RS232, USB-A (Power), USB-B (Service), RJ45 (LAN)
<b>PC Free USB Media Player</b>	Playback Videos and Audio files; View Images, Documents, and PowerPoint Presentations
<b>Interactive LCT and Finger Touch Operating System Compatibility</b>	Mac OS X 10.9.x, 10.10.x, 10.11.x, and 10.12.x, Windows 7, 8.1 and 10
<b>Interactive Tools Operating System Compatibility</b>	Mac OS X 10.9.x, 10.10.x, 10.11.x, and 10.12.x, Windows 7, 8.1 and 10
<b>Loop Through (Audio)</b>	Yes

## PHYSICAL SPECIFICATIONS

<b>Security</b>	Kensington® Lock Port, security bar and keypad lock
<b>Weight</b>	12.3lbs
<b>Dimensions (W x H x D)</b>	15" x 5" x 12.5"



- |               |                |              |
|---------------|----------------|--------------|
| 1. VGA 1      | 6. USB Disk    | 11. Audio In |
| 2. HDMI-2/MHL | 7. VGA2 in/out | 12. Mic      |
| 3. HDMI-1     | 8. Video       | 13. K-slot   |
| 4. USB        | 9. RCA in L/R  | 14. RS-232   |
| 5. RJ-45      | 10. Audio Out  | 15. AC Power |



## Warranty

5 year or 20,000 Hour Light Source Warranty (whichever comes first) /3-year Optoma Express Advance Exchange Warranty

## What's in the Box

ZW300USTi, AC power cord, VGA to VGA cable, LCT Laser Curtain, Non-powered Stylus Pens (2), 5M USB-A to USB-B Cable, LCT Power Cable (3.5mm to 3.5mm), remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card, and warranty card

## Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, Wireless HDMI system, Remote, HDCast Pro

## Accessory Part Numbers

Remote: BR-3080N  
 Ceiling mount: OWM3000, OWM2100  
 DLP@Link™ 3D glasses: ZD302  
 Wireless HDMI system: WHD200  
 HDCast Pro: HDCAST PRO-BLACK

www.OptomaUSA.com



\*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit www.OptomaUSA.com for more information.

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