



## Captivate Your Audience with ultra short throw

*Optoma X/W320UST Projector* is perfect for schools and colleges and uses a new generation of finger-touch interactive technology. This allows several people to work simultaneously on the screen without using a pen. The ultra short throw ratio produces huge images from an extremely short distance allowing you to stand closer to the screen, preventing shadows and screen glare. Designed with the user in mind, the X/W320UST incorporates extensive connectivity, powerful 16W speakers and Crestron RoomView® control to maintain and monitor the projector over the network. X/W320UST is bringing learning to life.



## 3D Technology

X/W320UST supports HDMI 1.4a 3D playback, including 3D 1080P Blu-ray, 3D gaming consoles like PS4, XBOX360 native 3D games, and 3D broadcasting signal, just connect Full HD 3D player directly to X/W320UST via HDMI, you can instantly become part of a fantastically immersive experience. The 3D effect is generated by splitting this signal into two standard video streams, one for each eye. Using DLP® Link™ technology, the 3D glasses synchronise with the image on screen to filter each stream to the correct eye. Your brain then combines the two streams to make them jump into life.

## Network Control Capability

X/W320UST can be monitored over LAN and provide the user email message alert in case an error occurs or a lamp fails or needs to be replaced using Crestron Roomview. The web browser interface and full support for Telnet, Extron's IP Link, AMX Dynamic device discovery and PJ-Link protocols, allow almost all aspects of the X/W320UST to be controlled across a network, keeping you in control, wherever you are.



## Quick Resume

This feature allows the projector to be instantly powered on again, if it is accidentally switched off.

## Ultra Short Throw Lens

Position the X/W320UST even closer to the wall so that the light beam doesn't shine into your eyes. Stand alone or wall mounted the X/W320UST eliminates shadows on the screen and allows you to present with ease.

## Audio Power

Use a microphone and the powerful built-in 16W speakers to capture your audience attention from anywhere within your classroom or meeting room. The need for complicated and costly additional audio hardware and cabling is eliminated.

## I/O Connections

- |                        |                |                      |
|------------------------|----------------|----------------------|
| 01.....AUDIO-OUT       | 02.....MIC IN  | 03.....AUDIO1-IN     |
| 04.....AUDIO2-IN       | 05.....RJ-45   | 06.....HDMI1         |
| 07.....USB POWER       | 08.....HDMI2   | 09.....3D VESA Port  |
| 10.....VIDEO           | 11.....VGA1-IN | 12.....RS-232C       |
| 13.....VGA2-IN/VGA OUT | 14.....12V OUT | 15.....SERVICE/MOUSE |



Specification	X320UST	W320UST
<b>Display Technology</b>	Texas Instruments DLP® technology/ 0.55" XGA DMD Chip	Texas Instruments DLP® technology/ 0.65" WXGA DMD Chip
<b>Native Resolution</b>	1024 x 768 (XGA) Support Computer signal up to 1920 x 1200 60Hz	1280 x 800 (WXGA) Support Computer signal up to 1920 x 1200 60Hz
<b>Brightness / Contrast Ratio</b>	3500 ANSI Lumens / 20,000 :1	
<b>Display Colors</b>	1073.4 million colors (10bit)	
<b>Image Size</b>	50~120 inch	
<b>Throw Ratio (Projection distance/width)</b>	0.33 :1	0.27 :1
<b>Digital Keystone Correction</b>	±40° Vertical	
<b>Aspect Ratio</b>	4:3 Native, 16:9 Compatible	16:10 Native, 4:3/16:9 Compatible
<b>Scan Rate</b>	Horizontal : 15,375 ~ 91.146 kHz / Vertical : 24 ~85 Hz	
<b>Computer Compatibility</b>	UXGA, SXGA+,SXGA, SVGA, XGA, VGA Compression, VESA standards, PC & Macintosh compatible	
<b>Video Compatibility</b>	Full NTSC, PAL PAL-M, PAL-N, SECAM	
<b>Input / Output Connections</b>	VGA in x 2, HDMI x 2, Composite Video x 1, Audio In(3.5mm jack) x 1, Audio In (RCA) x 2 , Audio Output x 1, 12V DC out x 1, RS-232 x 1, USB Type A x 1 , mini USB x 1, 3D VESA Port x 1, Mic in (3.5mm jack)x 1, RJ45 x 1	
<b>Uniformity</b>	85 %	
<b>Speaker</b>	16W	
<b>Noise</b>	29 dB	
<b>Lamp Life</b>	4000 hrs (ECO)	
<b>Power Supply</b>	Universal AC 100 ~ 240V, 50/60Hz @110VAC	
<b>Dimensions (WxDxH) / Weight</b>	38.5 x 31.0 x 12.0 cm (with feet) / 5kg	

\*Optoma reserves the right to change this brochure without prior notice, please refer to [www.optoma.com](http://www.optoma.com) for any change



\*Optoma guarantees that in normal use, Optoma DLP® color quality will be indistinguishable from when new. Please note that worn lamps will give slight variance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive (3) Guarantee will not apply if lamp brightness is below 50% due to wear or if the projector is not working due to other fault. Typical lamp life achieved through testing. Will vary according to operational use and environment conditions. Optoma guarantees that in normal use, the DLP® imager guarantee will retain quality for at least 5 years providing consistent pixel performance. Exclusions: (1) Guarantee is voided if the projector is subject to damage through mis-use. (2) Guarantee may be void in industrial or commercial entertainment environments where dust or smoke is particularly excessive. Copyright © 2015, Optoma Corporation. All other product names and company names used herein are for identifications purposes only and may be trademarks or registered trademarks of their respective owners. Errors and omissions excepted, all specifications are subject to change without notice. DLP®, BrilliantColor™ and the DLP logo are registered trademarks of Texas Instruments.