

X/W316ST

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Stunning Performance for Short Range



Optoma X/W316ST Projector is the perfect short throw projector solution for use in classrooms, training rooms, and higher education. With powerful 3400/3600 lumens bright image, a stunning 20,000:1 contrast ratio, the X/W316ST delivers bright large-screen short throw presentations with superb image clarity, razor sharp detail and remarkable color accuracy.



Short Throw
PROJECTOR series

Optoma

X/W316ST

3D Technology

X/W316ST 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/W316ST via HDMI, you can instantly become part of a fantastically immersive experience. 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.

Flexible Installation

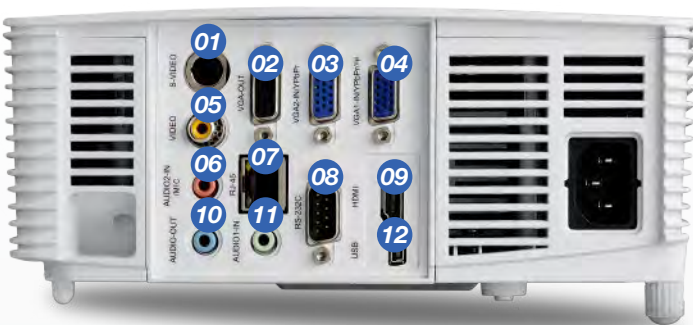
X/W316ST puts its I/O connections on the side, which allows user to place the projector against the wall; it gives more options for installation.

Quick Resume

The function allows you to turn the power back on instantly. If the projector was turned off within 100 seconds by accident, this function allows the projector to boot up again instantly.

I/O Connections

- | | | |
|---------------|---------------|-------------------|
| 01. S-VIDEO | 02. VGA-OUT | 03. VGA2-IN |
| 04. VGA1-IN | 05. VIDEO | 06. AUDIO2-IN/MIC |
| 07. RJ-45 | 08. RS-232C | 09. HDMI |
| 10. AUDIO-OUT | 11. AUDIO1-IN | 12. USB |



High Contrast Ratio

This measurement technique includes a reproducible procedure that can be used to compare the performance of projectors using different display technologies. With an ANSI contrast ratio significantly higher than many LCD based projectors, X/W316ST produces a stunning 20,000:1 contrast ratio for pin sharp, crystal clear images. Crisper whites and ultra rich blacks bring the picture to life.

Short Throw Lens

Project an impressive XGA 80" / WXGA 87.2" diagonal image from less than 1 meter away. Stand alone or wall mounted the X/W316ST eliminates shadows on the screen and allows you to present with ease.

Networking

Projectors can be controlled and monitored over a network (LAN) using a web browser. Ideal for large installations in both the educational and business environments.

Crestron RoomView® provides a custom configurable interface to monitor, manage and control every device in every room remotely from any computer.

AMX Compatibility- Dynamic Discovery Protocol is incorporated into the X/W316ST. This feature allows for easy installation with AMX control systems.

Specification	X316ST	W316ST
Display Technology	TI DLP® technology/ 0.55" XGA DMD Chip	TI DLP® technology/ 0.65" WXGA DMD Chip
Native Resolution	Native: 1024x768 (XGA)	Native: 1280x800 (WXGA)
	Support Computer signal up to UXGA (1600x1200) 60Hz	
Brightness	3400 ANSI Lumens	3600 ANSI Lumens
Contrast Ratio	20,000 :1	
Display Colors	1073.4 million colors (10bit)	
Projection Lens	F=2.7; f=7.15mm @ 80 inch (Effective)	F=2.8; f=7.419mm @ 87.2 inch (Effective)
Image Size	39.9 ~ 299 inch	44 ~ 299 inch
Projection Distance	0.5m to 1.1m	0.5m to 3.4m
Throw Ratio	0.617:1	0.521:1
Digital Keystone Correction	Vertical ±40°	
Aspect Ratio	4:3 Native, 16:9 Compatible	16:10 Native, 4:3/16:9 Compatible
Scan Rate	Horizontal:15.3~91.1KHz ; Vertical:24~85 Hz	
Computer Compatibility	UXGA, SXGA+,SXGA,XGA,SVGA,VGA Compression, VESA standards, PC & Macintosh compatible	
Video Compatibility	Full NTSC, PAL PAL-M, PAL-N, SECAM	
Input / Output Connections	VGA in x 2, HDMI x 1 , Composite Video x 1, Audio Input x 2, Audio output x 1, VGA Out x 1, RS-232 control interface x 1, USB (Mouse control/service) x 1, RJ45(LAN Control) x 1	
Uniformity	85%	
Speaker	10W x 1	
Noise	29dB (STD mode)	
Lamp Type	210 watt user-replaceable lamp	
Lamp Life	6500 Hrs(Dynamic ECO mode)	
Power Supply	Universal AC 100~240V± 10%,50/60Hz	
Dimensions(WxDxH) / Weight	314 x 224 x 101 mm (with feet) / 2.7 kg	

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*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 © 2014, Optoma Corporation. All other product names and company names used herein are for identification 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.