

W307UST

Ultra Short Widescreen Projection



Native WXGA - Large images up to 100"



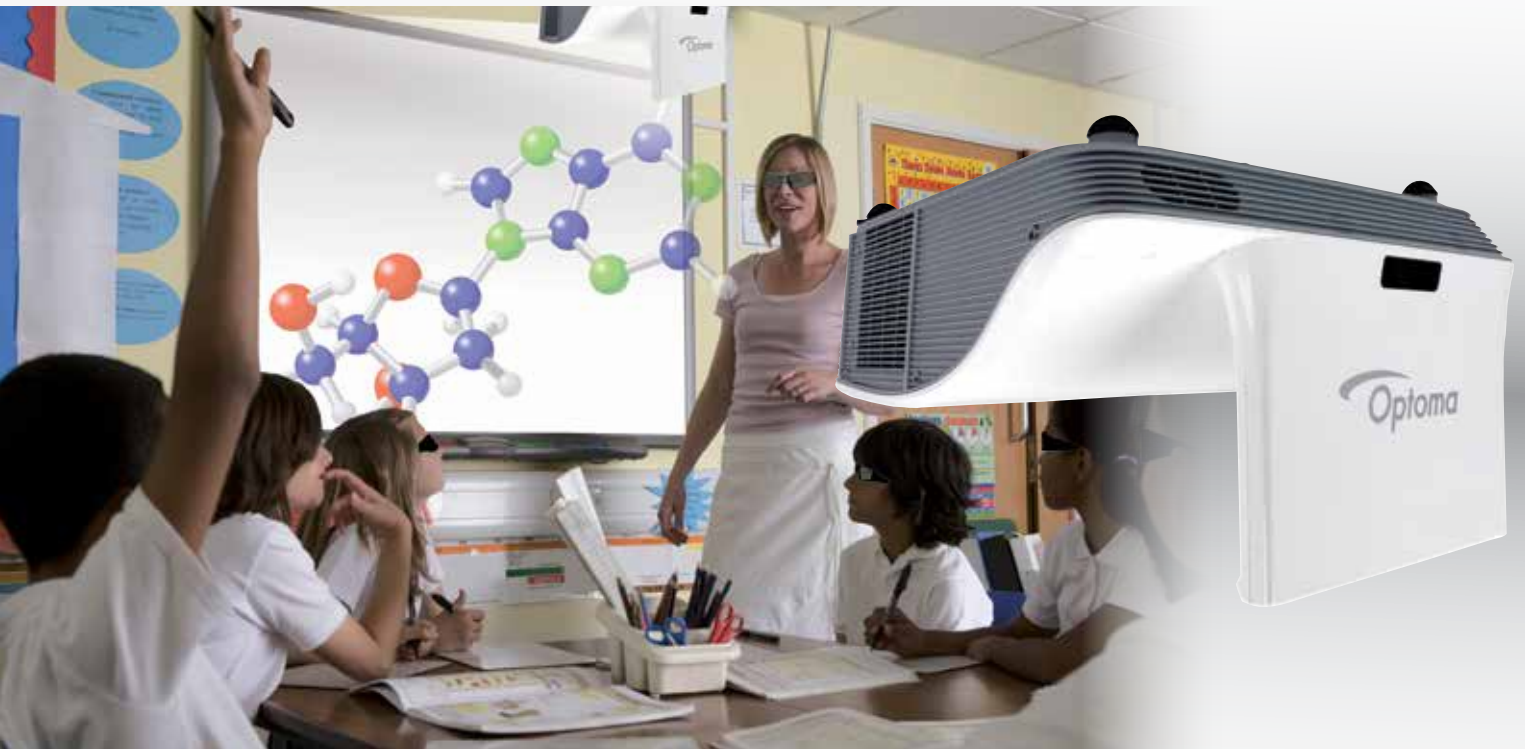
Shadow-free images on interactive whiteboards



Super bright images, vivid accurate colours – 3500 ANSI Lumens

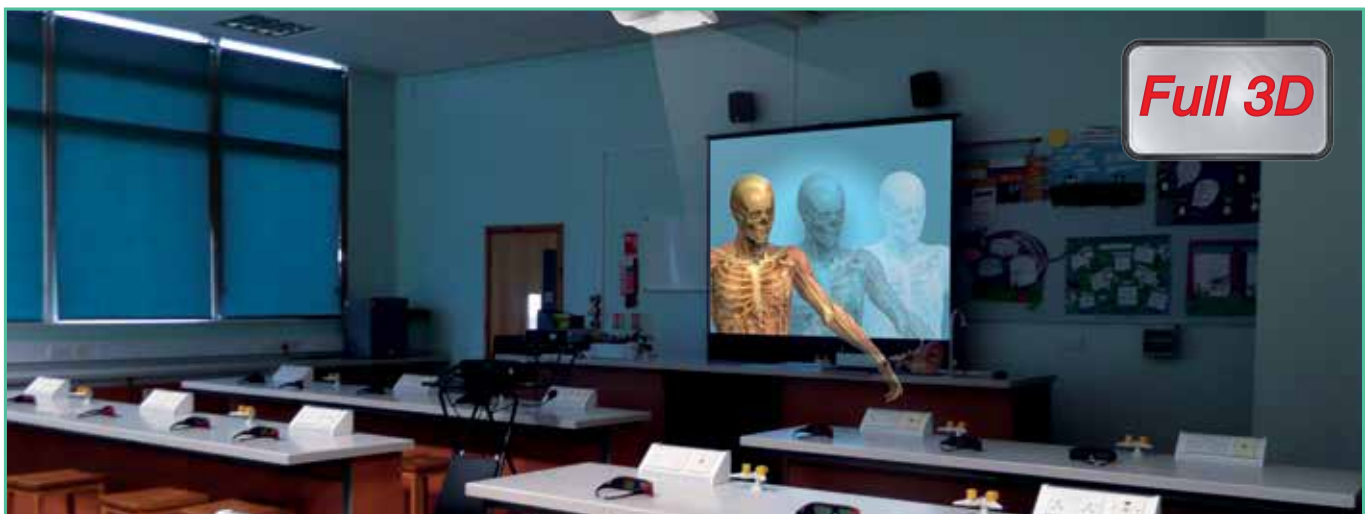


Low running costs - Long life lamp, up to 4000 hours



INSPIRE YOUR STUDENTS

Teaching in 3D is the latest innovation in education technology, opening up new avenues of learning for both educators and students alike. Engage and inspire your students with lessons taught in 3D – explore the world, travel through space, see inside the body and bring new ideas to life. Optoma 3D projectors take teaching to a whole new level of immersion and enjoyment... at no extra cost!



HOW DOES 3D WORK?

Using the inherent speed of DLP® technology, Optoma 3D Ready projectors can output video and images at an astonishing rate of 120Hz, allowing you to show full screen, full colour, stereoscopic 3D.

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.

The X307UT supports multiple 3D formats from various devices such as PC, Blu-ray 3D™, Sony® PS3, Microsoft® Xbox 360 or 3D TV broadcast system.

3D Format	W307UST
Side -by-Side	Yes
Top-and-Bottom	Yes
Frame Packing	Yes
Frame Sequential	Yes

WHAT YOU NEED

1. Optoma W307UST
2. Optoma DLP-Link 3D Glasses
3. Compatible 3D source device and software

For more information please visit
www.optoma.eu/3deducation



W307UST

TRUE HDMI

Project crystal clear images using HDMI v1.4 input. Hassle-free projection from a widescreen computer/HD source with a single HDMI cable – no need for separate audio cables.

EASY LAMP REPLACEMENT

Direct and easy access to the lamp whilst the projector is in situ.



AUDIO POWER

Use a microphone and the powerful built-in 10W speakers to capture your audience attention from anywhere within your classroom or meeting room.

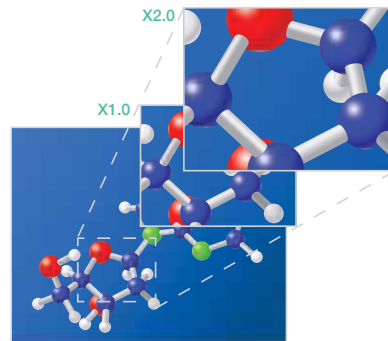
The need for complicated and costly additional audio hardware and cabling is eliminated. Four audio inputs from individual computer and video devices enable the W307UST to function as an audio switcher and volume controller.



Auto power off - if after a pre-determined time the projector does not receive a signal, it will turn itself off automatically, conserving power and extending the life of the lamp.

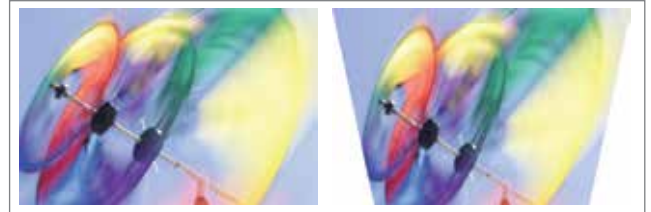
ENLARGE YOUR IMAGES

Use the digital zoom feature to explain the projected image in more detail.



PERFECT PROJECTION

Quickly adjust misaligned images with vertical keystone correction.



PROJECTION TILTING




For tabletop use as well as wall and floor projection.



W307UST SPECIFICATIONS

Native Resolution	WXGA 1280 x 800	
Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments	
Brightness - BRIGHT mode ¹	3500 ANSI Lumens	
Contrast	15,000:1	
Noise Level	30dB (Eco mode)	
Lamp Life ²	4000/3000 hours (Eco/BRIGHT mode)	
Projections Lens	F Number 2.6 Focus Length 7.35mm Focus / Zoom Type Manual Focus / 2.0x Digital Zoom Throw Ratio 0.35:1 (Projection Distance: Image Width)	
Projection Distance	0.45 - 0.75m	
Image Size	1.53 - 2.54m (60.09" - 100.02") Diagonal 16:10	
Offset	125% ±5%	
Weight / Dimensions (W x D x H)	7.5 kg / 357 x 367 x 231mm	
Remote Control	Remote with direct source selecting	
INPUTS	HDMI (HDCP) - audio supported 2 x 15 Pin D-Sub VGA S-Video 4 Pin Mini Din Composite RCA 2 x 3.5mm Audio Mini Jack In 2 x Stereo RCA USB (service) Microphone	Component via adaptor Audio computer input Audio video input
CONTROL	RJ45 RS232 - 9 Pin Mini DIN RJ45 LAN control via Windows Internet Explorer, Crestron RoomView and PJ Link	
OUTPUT	15 Pin D-Sub VGA Audio Out - 3.5mm Mini Jack +12v Trigger	
Audio	10W Speaker	
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible	
Keystone Correction	± 15° Vertical	
On Screen Display	12 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Swedish, Turkish & Arabic	
Compatible Resolutions	UXGA, SXGA, WXGA, HD, XGA, SVGA	
Video Compatibility	PAL, SECAM 576i/p, NTSC 480i/p, HD 720p/1080i/1080p	
Uniformity	85%	
Displayable Colours	1.07 Billion	
Horizontal Scan Rate	15.3 - 91.1kHz	
Vertical Scan Rate	24 - 85Hz (120Hz for 3D)	
Power Supply	100 - 240V, 50 - 60Hz	
Power Consumption	345W BRIGHT mode < 0.5W Standby mode 285W Eco mode < 0.5W Standby mode	
Operating Conditions	Operating: 5 - 40°C, 85% Humidity (Max), 3000m Altitude (Max)	
Security	Security Bar, Kensington Lock Port, Password Protection	
Standard Accessories	Lens Cover, AC Power Cord, VGA Cable, Full Function Remote, Batteries x 2, Quick Start Guide, CD User Manual, Warranty Card, WEEE Card	
RoHS	Compliant	
Lamp Warranty	6 months or 1000 hours - whichever comes sooner	
Warranty	Warranty may vary by country. Please see www.optomaeurope.com or ask your local supplier for details	
Colour Guarantee ³	5 Years	
3D Support	The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.	
3D Viewing	Requires the Optoma DLP-Link shutterglasses - available separately.	
3D Compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60	

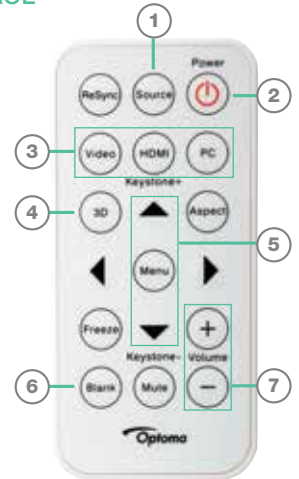
Optoma Accessories

Projector Wall Mount - Part number: OWM1000	
	Wall mount for the W307UST Telescopic mount with height adjustment plate for versatile installation. Maximum projector image of 100" diagonal with the W307UST.
Lamp - Part number: SP.8UP01GC01	
	Optoma genuine lamp modules are designed and tested to work specifically with your Optoma projector to ensure quality, good performance and longevity.
ZD301 - 3D Glasses	
	Optoma ZD301 glasses allow compatible content to be viewed in stunning stereoscopic 3D.

EASY TO USE REMOTE CONTROL

W307UST Remote Control

- 1 Source
- 2 Power
- 3 Direct Input Source Selection
- 4 3D Control
- 5 Vertical Keystone Adjustment
- 6 AV Mute
- 7 Volume Control



W307UST Connections

- 8 USB (Service)
- 9 HDMI
- 10 VGA Out
- 11 VGA 1
- 12 RJ45
- 13 Audio In (VGA 1)
- 14 S-Video
- 15 Audio In (Video)
- 16 Audio In (S-Video)
- 17 Audio Out
- 18 Microphone
- 19 +12v Trigger
- 20 RS232
- 21 VGA 2
- 22 Audio In (VGA 2)
- 23 Video



W307UST Projection Distance 0.45 - 0.75m (16:10 Aspect Ratio)

Distance from screen to projector (m)	Projection Distance from mirror (m)	Horizontal Image Size (m)	Vertical Image Size (m)	Diagonal Image Size (m)	Diagonal Image Size (inch)	Image Offset (m)
0.12	0.45	1.30	0.81	1.53	60.09	0.20
0.193	0.53	1.51	0.94	1.78	70.04	0.24
0.27	0.61	1.73	1.08	2.04	80.25	0.27
0.306	0.64	1.83	1.14	2.16	85.03	0.29
0.344	0.68	1.94	1.21	2.29	90.07	0.30
0.419	0.75	2.15	1.35	2.54	100.02	0.34

For guide purposes only

W307UST is capable of 16:9 aspect ratio projection. When projecting a 16:9 image the image sizes, screen height and offset information will differ from the above.

