

X31 DLP® Projector

Mobile, Eco+ Green Projection

Ideal for delivering important presentations at work or for use with interactive whiteboards in schools. The X31 is the perfect projector for all your display needs.

An ultra-bright 3000L with a 15,000:1 contrast, ensures your presentations and graphics are crystal clear in ambient light rooms, leaving your audience speechless every time the projector is turned on.

The versatile X31 incorporates a built in speaker, HDMI connectivity, Full 3D technology, optional wireless capabilities and Eco+ technology that brings together superb picture quality and performance with optimized lamp life through energy saving features that are easy to use. Whether you're a technical expert or a novice, the projector is quick and easy to set up using the user-friendly control panel or handy remote control with remote mouse function.

Your projector is designed with the environment in mind. With energy saving features and a long lamp-life of 6500 hours, it saves you both time and money. Combine that with our unique 5 year Optoma colour guarantee and you're sure of hassle-free, long lasting projection.

The X31 comes with a comprehensive selection of accessories including a remote control, power cord and VGA cable so you have everything you need to get started. It is also supplied with a convenient carry bag, making it easy to transport the X31 between meetings or you can simply ceiling mount your projector for permanent use in a single location.



- 3000 ANSI Lumens
- Native XGA Resolution
- HDMI connectivity
- BrilliantColor technology – bright, vibrant project images
- Low ownership costs – up to 6500 hours lamp life
- Remote control with mouse function
- Portable, Carry bag included
- Kensington Lock & Password Security – extra security for your projector
- Full 3D
- Energy saving features - Eco+ technology
- Built-in speaker



X31 SPECIFICATIONS

Display Technology	Single 0.55" XGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	XGA 1024 x 768
Brightness - BRIGHT mode ¹	3000 ANSI Lumens
Contrast	15,000:1
Noise Level	26dB (min)
Weight	2.21 kg
I/O Connectors Inputs:	HDMI (v1.4a 3D), 2 x 15 Pin D-sub (RGB/YpPr), S-Video, Composite, Audio In, USB (remote mouse)
Outputs:	15 Pin D-sub, Audio Out
Control:	RS232 - 9 Pin
Preset Mode	PC: For computer or notebook (Brightest image) Movie: Maximum contrast and Colour accuracy Game: Bright vivid colour sRGB: For Standard PC Colour (Best Colour Reproduction) User: Memorises user's settings
Maximum Resolution	UXGA 1600 x 1200
Computer Compatibility	UXGA, SXGA, XGA, SVGA, VGA, Mac
Video 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)
Displayable Colours	1073.4 Million
Projection Lens	F2.51~2.69; f=21.95~24.18mm, 1.1x Manual Zoom
Throw Ratio	1.97 - 2.17:1
Projection Screen Size	0.69m - 7.62m (27.24" - 300.04") Diagonal 4:3
Projection Distance	1.2 - 12 metres
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type/Lamp Life ²	190W, 6500/6000/4500 hours (Eco+/Dynamic/BRIGHT mode)
Keystone Correction	± 40° Vertical
Audio	2W
Dimensions (W x D x H)	316 x 224 x 124mm
Remote Control	Full function remote with remote mouse and direct source selecting
Power Supply	100-240V, 50-60Hz
Power Consumption	234W BRIGHT mode < 0.5W Standby mode, 202W Eco+ mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	85%
Security	Security Bar, Kensington Lock, Password Protection
Standard Accessories	Carry Bag, AC Power Cord, VGA Cable, Infra Red Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount Kit
RoHS	Compliant
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
Offset	115%

EASY TO USE REMOTE CONTROL

X31 Remote Control

- 1 Power
- 2 Mouse select
- 3 Source
- 4 Re-sync
- 5 Left mouse click
- 6 Right mouse click
- 7 Mouse control
- 8 Display mode
- 9 Page up/down control
- 10 Vertical keystone correction
- 11 Volume control
- 12 Brightness
- 13 Menu
- 14 Direct input source select
- 15 Eco AV mute
- 16 Eco+
- 17 3D control



X31 Connections

- 18 Audio In (VGA)
- 19 S-Video
- 20 VGA 1
- 21 VGA Out
- 22 HDMI
- 23 RS232
- 24 USB (Remote Mouse)
- 25 Audio In (S-Video/Video)
- 26 Kensington™ Lock
- 27 Audio Out
- 28 Video
- 29 VGA 2



Exceptional Connectivity / Multiple Terminals

Projection Distance 1.2 - 12m (4:3 Aspect Ratio)							
Projection Distance (m)	Max. Horizontal Image Size (m)	Min. Horizontal Image Size (m)	Max. Vertical Image Size (m)	Min. Vertical Image Size (m)	Max Diagonal Image Size (m)	Max Diagonal Image Size (Inch)	Max. Image Offset (m)
1.20	0.61	0.55	0.46	0.42	0.76	30.00	0.07
2.00	1.02	0.92	0.76	0.69	1.27	50.01	0.11
2.50	1.27	1.15	0.95	0.87	1.59	62.51	0.14
3.00	1.52	1.38	1.14	1.04	1.91	75.01	0.17
4.00	2.03	1.84	1.53	1.39	2.54	100.01	0.23
5.00	2.54	2.30	1.91	1.73	3.18	125.02	0.29
6.00	3.05	2.76	2.29	2.08	3.81	150.02	0.34
7.00	3.55	3.23	2.67	2.43	4.45	175.03	0.40
8.00	4.06	3.69	3.05	2.77	5.08	200.03	0.46
9.00	4.57	4.15	3.43	3.12	5.72	225.03	0.52
10.00	5.08	4.61	3.82	3.46	6.35	250.04	0.57
11.00	5.58	5.07	4.20	3.81	6.99	275.04	0.63
12.00	6.09	5.53	4.58	4.16	7.62	300.04	0.69

For guide purposes only

X31 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.

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ
www.optoma.co.uk



¹Brightness will vary depending on the selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. ²Typical lamp life achieved through testing and will vary according to operational use and environmental conditions. Copyright © 2013, Optoma Europe Ltd. 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. All images of products are for representation purposes only. Whilst every care is taken to provide accurate images of our products, actual products may differ slightly. Some product images may have been digitally altered by us to add an Optoma logo to the front panel. Optoma reserves the right to amend or alter actual product, product specifications or product images without notice. Some images may be simulated.