

H181X

Super-sized home entertainment

- Bright vivid colours – 3,200 ANSI Lumens
- Easy connectivity - 2x HDMI and built-in speaker
- Sharp, crystal clear images - 23,000:1 contrast ratio
- Full 3D and HD Ready 720p



H181X

Created for home entertainment, the bright H181X is perfect for watching TV shows, sports and movies or playing action-packed games on a huge screen.

With a built-in speaker and two HDMI inputs the H181X is easy to set up and use. Turn it into a smart projector by connecting an HDMI dongle such as the Google Chromecast to stream videos and share photos on the big screen.

Full 3D

Optoma projectors can display true 3D content from almost any 3D source, including 3D Blu-ray players, 3D broadcasting and the latest generation games consoles. Support for 144Hz rapid refresh rate provides ultra-smooth flicker-free images.



HD Ready 720p

HD Ready resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching high definition movies, TV shows and playing video games.



High Contrast

Add more depth to your image with a high contrast projector; with brighter whites and ultra-rich blacks, images come alive and text appears crisp and clear - ideal for business and education applications.

Gaming Mode

Gaming Mode optimises your projector for lightning response times, maximum contrast and vivid colours to capture every detail - leaving you time to focus on winning.



Amazing Colours

For vibrant, natural looking images, Optoma projectors incorporate BrilliantColor™ multi-colour processing technology.



Color Guarantee

Enjoy dazzling colours for years to come; guaranteed by Optoma for five years' consistent performance.



Integrated Speaker

The built-in speaker offers excellent audio support. Easy to set up without the need for costly external speakers

Long Lamp Life

The expected lifetime of a typical Optoma projector lamp is an impressive 7000 hours; so if you watch a two hour movie every day, the lamp should last over 9 years.

HDMI Link

HDMI link lets you to turn on and off two or more HDMI-CEC capable devices using a single remote control.

USB Power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or charge your Optoma 3D glasses.

24p

Most movies are shot at 24 frames per second (fps). To preserve the purity of the original image, Optoma projectors can accept high definition sources at 24 fps to display movies exactly as the director intended.

Lamp SPA

This unique feature increases lamp life in bright or Eco mode by up to 20% by analysing the lamp performance every time the projector is turned on.

H181X Specification

Display Technology	Single 0.65" WXGA DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	WXGA 1280 x 800
Brightness ¹ (Bright Mode)	3200 ANSI Lumens
Contrast	23,000:1
Noise Level (Eco mode)	28dB
Weight (kg)	2
I/O Connectors	2x HDMI (1.4a 3D support), Audio Out 3.5mm, RS232, USB (Remote Mouse), USB-A Power
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	1080p
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	F/2.57~2.84; f=21~25.6mm, 1.2x Manual Zoom
Throw Ratio	1.47 - 1.83:1
Projection Screen Size	0.77 – 9.63m (30.44" - 379") Diagonal 16:10
Projection Distance	1.2 - 12 metres
Zoom Type	1.2x Manual
Aspect Ratio	16:10 Native, 16:9/4:3 Compatible
Offset	112%
Horizontal Scan Rate	15.3 - 91.1kHz
Vertical Scan Rate	24 - 85Hz
Lamp Type	190W
Lamp Life ² Eco+/Dynamic/Eco/Bright	7000/6500/6000/5000 (hrs)
Keystone Correction	± 40° Vertical
Audio	2W
Dimensions (W x D x H) (mm)	287 x 163 x 113
Remote Control	Full function remote with remote mouse and direct source selecting
Power Supply	100-240V, 50-60Hz
Power Consumption	226W BRIGHT mode < 0.5W Standby mode, 194W 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	AC Power Cord, Infra Red Remote Control with Batteries, Quick Start Card, CD User Manual
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
Speaker (Watts)	2
Warranty	2
On Screen Display	19 Languages: English, German, French, Italian, Spanish, Portuguese, Polish, Dutch, Russian, Finnish, Swedish, Greek, Norwegian/Danish, Hungarian, Czech, Turkish, Romanian, Farsi, Arabic
Optional Wireless	Yes



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¹Lamp based projectors brightness and lifetime will vary depending on selected projector mode, environmental conditions and usage. As is common with all lamp based projectors, brightness will decrease over the lamp lifetime. LED projectors do not have a replaceable lamp and the brightness does not decay significantly over the product lifetime. ²Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions. DLP®, and the DLP logo are registered trademarks of Texas Instruments. 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. 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 or product images without notice. Some images may have been simulated. Errors and omissions excepted, all specifications are subject to change without notice. Copyright © 2014, Optoma Europe Ltd.

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