Optoma

HD151X

Bright super-sized images any time of day

- Full HD 1080p image quality

- Bright vivid colours – 2800 ANSI Lumens

- Easy connectivity - HDMI and DVI and powerful built-in 30W speaker

- Dynamic black technology - 28,000:1 contrast ratio

HD151X

Bright super-sized images any time of day

The HD151X couples high-end home cinema performance with bright, vibrant visuals to produce Full HD 1080p viewing without dimming the lights. Perfect for watching TV shows, sports and movies or playing action-packed games on a huge screen any time of day.

For a speedy setup, the HD151X includes both HDMI and DVI connections and a powerful built-in speaker that can easily fill any living space.

Vertical Lens shift

Simplify installation with vertical lens shift, which provides a wider range of projector placement possibilities. This makes it easier to position the projector in your room and enables a wider range of screen size options.

Full HD 1080p

1080p resolution gives you sharp and detailed images from HD content without downscaling or compression; perfect for watching Blu-ray movies, HD broadcasting and playing video games.

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.

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.

Integrated Speaker

Complete your home entertainment experience with the convenience of a powerful built-in speaker. Built-in speakers provide exceptional sound quality and are easy to set up without the need for costly external speakers.

Dynamic Black

This feature gives more depth to your image by smoothly adjusting the lamp output, based on the brightness information of each frame; to create a stunning high contrast ratio. Bright scenes appear crisp and clear, while dark scenes remain detailed with deep blacks and exceptional light and shade detail.

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.

Amazing Colours

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

without   with

Color Guarantee

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

Wireless

Stream Full 1080p 3D content to your projector wirelessly; eliminating the hassle and extra cost of installing long cables, the WHD200 (sold separately) allows you to connect a Blu-ray™ player, set-top box, gaming console or AV receiver instantly.

USB-Power

Use the USB-Power to power an HDMI dongle, such as Google Chromecast or the Optoma WHD200 wireless HDMI device.

HD151X Specification

Display Technology	DLP
Native Resolution	1080p 1920 x 1080
Brightness[1] (Bright Mode)	2800 ANSI Lumens
Contrast	28,000:1
Noise Level (Eco mode)	27dB
Weight (kg)	4.5
I/O Connectors	HDMI (1.4a 3D support), DVI-D, 2x VGA (RGB/YPbPr), S-Video, Composite, 3 x Audio In (RCA/3.5mm), Mic 3.5mm, Audio Out 3.5mm, VGA Out, RS232, 2x USB-B (Remote Mouse/Service), USB-A Power, +12v Trigger
Maximum Resolution	1080p
Computer Compatibility	UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
Video Compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4.43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
Displayable Colours	1073.4 Million
Projection Lens	F/2.42~2.98; f=20.77~31.173mm, 1.5x Manual Zoom
Throw Ratio	1.37 - 2.05:1
Projection Screen Size	0.76 - 7.67m (30" - 300") Diagonal 16:9
Projection Distance	1.2 - 10m
Zoom Type	1.5x Manual
Aspect Ratio	16:9 Native, 4:3 Compatible
Horizontal Scan Rate	15.375~91.146 KHz
Vertical Scan Rate	24~ 85 Hz (120Hz for 3D)
Lamp Type	310W
Lamp Life (Eco/Bright Mode)	4000 / 2500
Keystone Correction	±40° Vertical
Audio	30W stereo (2x15W)
Dimensions (W x D x H) (mm)	386 x 280 x 162
Remote Control	Full function remote with direct source selecting and backlight
Power Supply	Input: 110 - 220v
Power Consumption	345W BRIGHT mode < 0.5W Standby mode, 279W Eco mode < 0.5W Standby mode
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Uniformity	80%
Security	Security Bar, Kensington Lock
Standard Accessories	AC Power Cord, Back-lit IR Remote Control with Batteries, Quick Start Card, CD User Manual, Warranty Card
Optional Accessories	Ceiling Mount, Screen
RoHS	Compliant
Lens Shift	Vertical: +20% (constraints apply see user manual for details)
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 Optoma ZF2100 system - sold separately
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60
	Over-Under: 1080p24, 720p50 / 60
Speaker (Watts)	30
360' Operation	115 ~ 132
On Screen Display	27 Languages: English, Deutsch, Français, Italiano, Español, Português, Svenska, Nederlands, Norsk, Dansk, Polski, Русский, Suomi, ελληνικά, Magyar, Čeština, عربى, 繁體中文, 简体中文, 日本語, 한국어, ไทย, Türkçe, Farsi, Vietnamese, Romanian, Indonesian
Optional Wireless	Yes
Features	V. Lens Shift