



Optoma HD161X Full 3D 1080p Projector

Specification		
ATTRIBUTE	FACT	UNIT OF MEASUREMENT
Display Technology - DLP	DLP®	
Resolution	1080p	Pixel
Brightness	2000	ANSI Lumens (BRIGHT mode)
Contrast	40,000:1	
Lamp Life	7000/5000/3500	Hours (Dynamic/Eco/Bright mode)
Throw Ratio	1.39 - 2.09:1	
Lens Zoom	1.5x Manual	
Lens Shift (Manual)	Vertical: +15%	
Projection Distance	1.2 – 10m	Metre
Projected Image Size	0.76 - 7.67m (30" - 300") Diagonal 16:9	Metre / inch (Diagonal)
Built in Speaker	N/A	Watt
Noise Level	29	dB
Keystone Correction	±40° Vertical	Degrees
Power Consumption	270W BRIGHT mode < 0.5W Standby mode 230W Eco mode < 0.5W Standby mode	Watt
Power Supply	100 - 240V, 50 - 60Hz	Volts
2D 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)	
Full 3D		
3D Support	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60	
3D Viewing	Requires ZF2100 System - Sold separately (Additional Glasses are also available) (ZD301 DLP-Link 3D active glasses are also supported)	
2D to 3D Conversion		
Inputs		
HDMI v1.4a 3D	2	HDMI connector
VGA	Yes	15 Pin D-Sub
Component	Yes	via adaptor
Composite Video	Yes	RCA
Output		
3D-Sync	Yes	3 Pin Mini Din (VESA)
USB Power (1.2A)	Yes	USB Type A
12V Trigger	Yes	3.5mm Jack
Control		
RS232	Yes	9 Pin D9
USB Service	Yes	USB Type B
HD161X Dimensions		
Width	286	mm
Depth	266	mm
Height	124	mm
Weight	3,8	kg
HD161X Boxed Dimensions		
Width	37,5	mm
Depth	20,8	mm
Height	39,2	mm
Weight	5,1	kg

Created for movie-lovers, the HD161X brings digital cinema quality images into the comfort of your home. Packed with features, you can experience your favourite films, TV shows and sporting events in vivid clarity with pure, deep colours and high contrast thanks to deeper blacks and crisp whites.

Using advanced processing, the HD161X eliminates motion blurring or image judder, even in high-speed action packed movies and sport.

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.

PureMotion

Using sophisticated frame-interpolation technology, advanced motion control processing eliminates motion blurring or image judder, even in high-speed action sequences.

UltraDetail

This technology ensures all the information contained in an image is faithfully reproduced on the screen giving a stunning crystal clear, pin-sharp picture.

PureColour

This mode makes it possible for the projector to reproduce more detailed shades of colour; to provide vivid, balanced colour for vibrant, natural looking images.

Colour Management System (CMS)

Display accurate life-like colours to best match your viewing environment. This unique feature provides you with the flexibility to fine-tune the colour settings to the Rec. 709 standard for optimal precision.

2D-3D Conversion

See more in 3D with the built in 2D to 3D converter. This means live sport, TV and movies can be enjoyed in stunning 3D making you feel part of the action.

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.

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.

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.

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.

Color Guarantee

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

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.

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 for almost 9.5 years.

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.

Key Features

- Full HD 1080p image quality and pure, vivid colours – 2,000 ANSI Lumen brightness
- Easy connectivity - 2x HDMI and MHL support
- PureMotion technology – to eliminate motion blurring or image judder
- Dynamic black technology - 40,000:1 contrast ratio

PRODUCT IMAGES

