

3D HOME THEATER PROJECTOR H181X

Optoma
Projector Expert

ALL DIGITAL BIG-SCREEN ENTERTAINMENT



2x HDMI ports for all-digital connectivity



Full 3D compatibility; immerse yourself in your favorite 3D movie or video game



3200 lumens bright for lights-on entertainment



Up to 300" diagonal image with whisper quiet operation



Full 3D

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

HD Ready
720p



The Optoma H181X will transform any room into an incredible big-screen video and 3D entertainment room with up to 300" image size.

Delivering a remarkable 3200 lumens bright image with a 23,000:1 contrast ratio, the HD181X will delight your family and friends with its crystal clear 720p HD video with outstanding image detail and fantastic color reproduction.

With all digital connectivity, the Optoma H181X is compatible with your favorite Blu-ray 3D player, streaming video set-top box, PS3, PS4, Xbox and other gaming consoles.

Packed with an extensive list of advanced features, the H181X will take your home entertainment to a whole new level. It also features 2x HDMI ports for multi-input source switching convenience, USB-A with 5V DC 1A power, full 3D compatibility, 1080p HD compatibility, adjustable Gamma, 1.2X zoom lens, built-in 2W speaker, audio-out jack, RS-232 connectivity, ultra-long lamp life, whisper quiet fan and much more.

CONNECTIVITY (May require optional accessories)



COMPUTERS



SMART PHONES



TABLETS



3D BLU-RAY/DVD PLAYERS

SET TOP BOXES



CAMCORDERS



GAME CONSOLES



DIGITAL CAMERAS



Roku®



Apple TV®



Chromecast™

3D HOME THEATER PROJECTOR— H181X

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Resolution	HD 720p (1280 x 720)
Maximum Resolution	HD 1080p (1920 x 1080)
Brightness	3200 lumens
Contrast Ratio	23,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life and Type*	10,000/7000/6500/6000/5000 Hours (Edu/Dynamic/ECO+/ECO/Normal), P-VIP 190W lamp
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	>80%
Aspect Ratio	16:10 Native, 16:9, 4:3 compatible
Throw Ratio (Distance/Width)	1.49–1.79
Projection Distance	3.9'–32.8' (1.2–10 m)
Image Size (Diagonal)	30"–300" (0.76–7.62 m)
Projection Lens	F=2.59–2.86, f=20.99–25.61 mm, 1.2x manual zoom and focus
Digital Zoom	0.8~2.0
Offset	112%
Audio	2-Watt speaker
Noise Level	28dB
Remote Control	IR remote mouse control
Operating Conditions	41–113°F (5–45°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 250 (Normal), Min 202 (Eco+), <0.5W (standby-ECO)

COMPATIBILITY SPECIFICATIONS

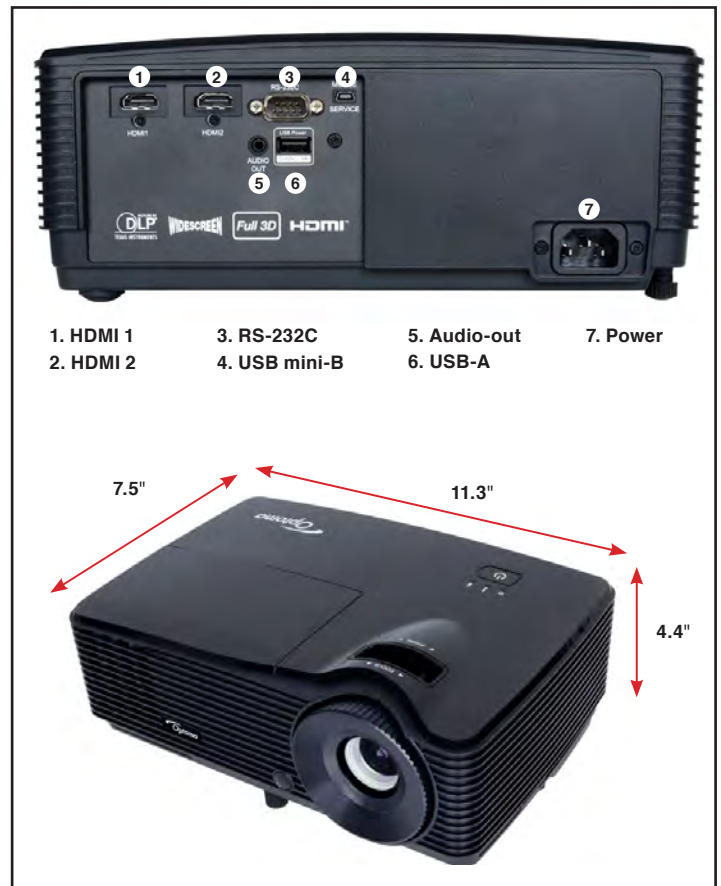
Computer Compatibility	HD, UXGA, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
Video Input Compatibility	NTSC, PAL, SECAM, SDTV (480i), EDTV (480p), HDTV (720p, 1080i/p)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (Frame pack, side-by-side, top-bottom) and up converts frame rate from 60Hz to 120Hz or 24Hz to 144Hz (i.e 60 or 72 frames per eye). 3D glasses are needed and are sold separately. Refer to user manual for details.
Vertical Scan Rate	24–85Hz, 120Hz
Horizontal Scan Rate	15.375–91.4KHz
User Controls	Complete on-screen menu, adjustments in 27 languages
I/O Connection Ports	Two HDMI v1.4a, Audio-out, RS-232C, USB-A, USB mini-B
Loop Through (Audio)	Audio: HDMI VAO audio out supported, (VAO in normal mode, fixed during Standby)

PHYSICAL SPECIFICATIONS

Security	Kensington® Lock Port and keypad lock
Weight	4.8 (2.1 kg)
Dimensions (W x H x D)	11.3" x 4.4" x 7.5" (287 x 111 x 190 mm)

*Lamp life is dependent on many factors, including lamp mode, display mode, usage, environmental conditions and more. Lamp brightness can decrease over time.

†3D content can be viewed with either RF or DLP Link active shutter glasses when projector is used with a compatible 3D player. RF 3D glasses require the use of an RF 3D emitter and a projector with a 3D VESA Sync port. Please visit www.OptomaUSA.com for more information.



Warranty

1-Year Limited Parts and Labor, 90-Days on Lamp

In the Box (Standard Accessories)

H181X projector, AC power cord, remote control, batteries for remote, multilingual CD-ROM user's manual, quick start card and warranty card

Optional Accessories

Universal ceiling mount, Optoma screens, DLP® Link™ 3D glasses, wireless HDMI system and Single-Cat6 HDBaseT

Accessory Part Numbers

Lamp: PBA84-2400	Remote: J8947-0384-00
Carrying case: BK-4032	DLP® Link™ 3D glasses: ZD302
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
Universal ceiling mount: OCM818B-RU	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extension pole): OCM815B	

UPC 796435 81 215 7

www.OptomaUSA.com

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