

# 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

Homi





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)

TABLETS

















CAMCORDERS

CONSOLES

Roku® CAMERAS

**Apple TV®** 

Chromcast™

### 3D HOME THEATER PROJECTOR- H181X

## **OPTICAL/TECHNICAL SPECIFICATIONS**

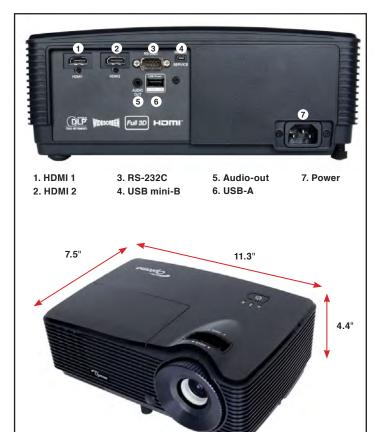
Display Technology	Single 0.65″ DC3 DMD DLP® Technology by Texas Instruments™	
Resolution	HD 720p (1280 x 720)	
Maximum Resolution	HD 1080p (1920 x 1080)	
Brightness	3200 lumens	
Contrast Ratio	23,000:1 (full on/full off)	
Displayable Colors	1.07 Billion	
Lamp Life and Type*	10,000/7000/6500/6000/5000 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 <sup>®</sup> 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)	



#### 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<sup>®</sup> Link<sup>™</sup> 3D glasses, wireless HDMI system and Single-Cat6 HDBaseT

#### Accessory Part Numbers

Lamp: PBA84-2400	Remote: J8947-0384-00
Carrying case: BK-4032	DLP <sup>®</sup> Link <sup>™</sup> 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



