3D HOME THEATER PROJECTOR
HD161X-WHD

Optoma

PURE ENGINE TECHNOLOGY HOME CINEMA PROJECTOR

HD **Native Full HD 1080p (1920 x 1080) resolution for the best possible digital home cinema experience**

Next-generation exclusive Pure Engine processor for balanced color and sharp, judder-free video

2200 lumens bright and 50,000:1 contrast ratio for deeper blacks and exceptional shadow detail

All glass multi-coated lens with vertical lens shift and 1.5x zoom ratio for superior focus and installation flexibility

3D **VESA 3D Sync Port with 2D to 3D capability. Enjoy your favorite show or movie in full 3D**

The Optoma WHD200 provides wireless streaming uncompressed Full HD 1080p content from your HDTV set-top box, gaming console, blu-ray/DVD player, or AV receiver up to 100 ft away* to your projector or TV. No complicated installation, no expensive cables to buy and no unsightly wires to hide.

PICTURE BY **DLP** TEXAS INSTRUMENTS | FEATURE BrilliantColor | **Full 3D** 1080p | W I D E S C R E E N **16:9** E N H A N C E D | **HDMI**™ HIGH DEFINITION MULTIMEDIA INTERFACE | **RoHS** COMPLIANT

The Optoma HD161X-WHD Home Cinema projector delivers up to 300" diagonal, stunning quality high definition 1080p video with perfectly balanced color, sharp, crystal clear image with crisp details and judder-free motion thanks to Optoma's exclusive PureEngine technology.

With a 2000 lumens bright image and fifth-generation DynamicBlack technology to generate a remarkable 40,000:1 contrast ratio, the Optoma HD161X-WHD produces visually stunning video that is richer, more saturated, with higher color accuracy and better tonal range for natural looking skin tones and true-to-life colors.

The HD161X-WHD redefines the home cinema category with its extensive list of advanced features: all glass, multi-coated lens with vertical lens shift, 1.5x zoom ratio for superior focus and installation flexibility, UltraDetail II for visibly sharper image detail, PureColor for vivid and balanced color, PureMotion for judder-free video, 2D to 3D conversion converts standard video to 3D, powered USB port 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™ |

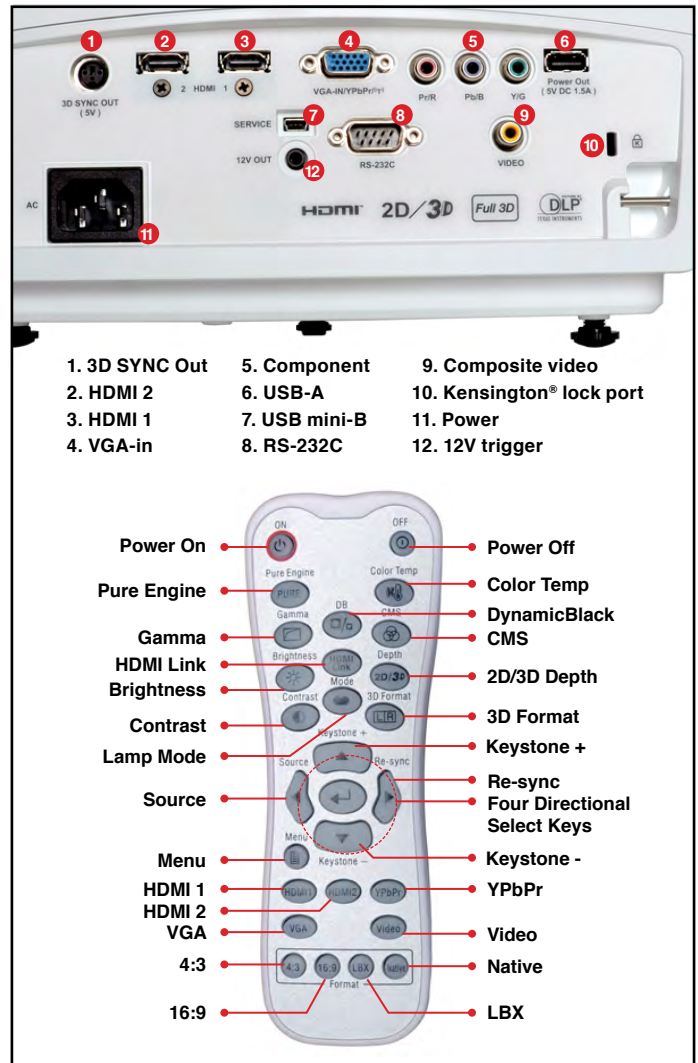## 3D HOME THEATER PROJECTOR — HD161X-WHD

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Single 0.65" DC3 DMD DLP® Technology by Texas Instruments™
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	HD (1920 x 1080)
Brightness (Typical)	2000 lumens
Contrast Ratio	40,000:1 (full on/full off)
Displayable Colors	1.07 Billion
Lamp Life*	5000/3000 Hours (ECO/normal)
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±40° Vertical
Uniformity	>80%
Aspect Ratio	16:9 native, 4:3 compatible
Throw Ratio	1.39–2.09 (distance/width)
Projection Distance	3.9'–32.8' (1.2–10 m)
Image Size (Diagonal)	25.5"–325" (0.65–8.3 m)
Projection Lens	F=2.42–2.97, f=20.7–31.05 mm 1.5x manual zoom and focus
Lens Shift Offset	Vertical: 110% ~ 124%
Digital Zoom	0.8 ~ 2.0
Noise Level	29dB
Remote Control	Backlit IR remote
Operating Conditions	41–113°F (5–45°C), 85% max humidity
Power Supply	AC Input 100–240V, 50–60Hz, auto-switching
Power Consumption	Max 310W (Normal), Min 230W (Eco+), <0.5W (standby-ECO)

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	WUXGA, HD, UXGA, SXGA+, WXGA+, WXGA, SXGA, XGA, SVGA, VGA
Video 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	15.375–91.146KHz
User Controls	Complete on-screen menu adjustments in 22 languages
I/O Connection Ports	Two HDMI v1.4a, VGA-in, 3D VESA, component, composite video, 12V trigger, USB-A (for power), RS-232C, USB mini-B

PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, security bar and keypad lock
Product Weight	5.95 lb (2.7 kg)
Product Dimensions (W x H x D)	11.26" x 4.88" x 10.43" (286 x 124 x 265 mm)

1. 3D SYNC Out
2. HDMI 2
3. HDMI 1
4. VGA-in
5. Component
6. USB-A
7. USB mini-B
8. RS-232C
9. Composite video
10. Kensington® lock port
11. Power
12. 12V trigger

Warranty

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

What's In the Box

HD161X-WHD projector, AC power cord, remote control, batteries for remote, lens cap, CD-ROM user's manual, quick start card, warranty card, and wireless HDMI system

Optional Accessories

Universal ceiling mounts, Optoma screen, DLP® Link™ 3D glasses, RF 3D glasses, RF 3D emitter, and Cat6 HDBaseT

Accessory Part Numbers

Lamp: 5811118543-SOT	Remote: 5041840700
Single-Cat6 HDBaseT kit: EVBMN-M110	Wireless HDMI system: WHD200
RF 3D Glasses: ZF2300GLASSES	RF 3D emitter: BC300
DLP® Link™ 3D glasses: ZD302	Universal ceiling mount: BM-5001U
Universal ceiling mount (with extension pole): OCM815W	
Universal ceiling mount: OCM818W-RU	

www.OptomaUSA.com

Optoma