

Incredible HDR Home Entertainment Projection

HD27HDR



Enhanced 1080p projection with outstanding color and contrast



- Incredible 1080p HDR images with 3,400 lumens
- HDMI 2.0 with HDCP 2.2 connectivity for 4K HDR input sources
- HDR10 compatibility for gorgeous colors
- Enhanced HDR Gaming Mode with 16 ms input response time
- Up to 15,000-hour lamp life
- Immersive Full 3D 1080p



1080P

Full 3D



Embrace HDR technology and large screen experiences with the 3,400 lumen HD27HDR 1080p home entertainment projector. Its HDMI 2.0 with HDCP 2.2 input and 50,000:1 contrast ratio accept HDR10 content for brighter whites and deeper black levels with vivid colors and an unmatched 1080p viewing experience.

An enhanced Gaming Mode, compatible with 1080p HDR sources, reduces input lag to 16ms for lightning-fast response when connected to the latest HDR-ready gaming consoles and PCs. Full 3D 1080p support enables immersive cinematic experiences in movies and games.

Vertical keystone and a 1.1x zoom allow for flexible mounting and installation. Up to 15,000 hours of lamp life ensures long-term reliability for years of entertainment with minimal maintenance.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

Enhanced 1080p projection with outstanding color and contrast - HD27HDR

OPTICAL/TECHNICAL SPECIFICATIONS

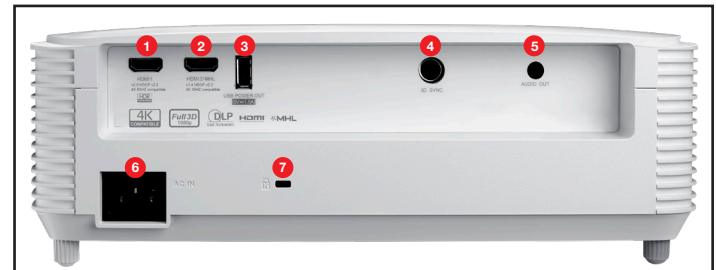
Display Technology	Texas Instruments 0.65" 1080p DMD
Color Wheel	6 segment RYGCWB
Native Resolution	1080p (1920 x 1080)
Maximum Resolution	4K UHD (3840 x 2160)
Brightness	3,400 ANSI lumens
Contrast Ratio	50,000:1
Displayable Colors	1.07 billion
Lamp Life*	15,000/10,000/6,000 (Dynamic/ECO/Bright)
Light Source Type*	203W lamp
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	± 40° vertical
Uniformity	80%
Offset	116%±5%
Aspect Ratio	16:9 (native), 4:3, 16:10 and LBX compatible
Throw Ratio	1.48 - 1.62
Projection Distance	3.2' - 35.91' (without zoom)
Image Size	28" - 305.3"
Projection Lens	F=2.5 - 2.67, f=21.86 ~ 24mm (manual focus)
Optical Zoom	1.1x
Audio	10W speaker
Noise Level	26dB
Remote Control	Full size remote
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100 - 240V, 50 - 60 Hz, auto-switching
Power Consumption	236W typical, 260W max (Bright mode), 216W typical, 216W max (Eco mode)
High Altitude	Operating temp @ sea level up to 10000 feet = 41°F (max); must manually switch to high altitude mode @ 5,000 feet & above (using OSD)

COMPATIBILITY SPECIFICATIONS

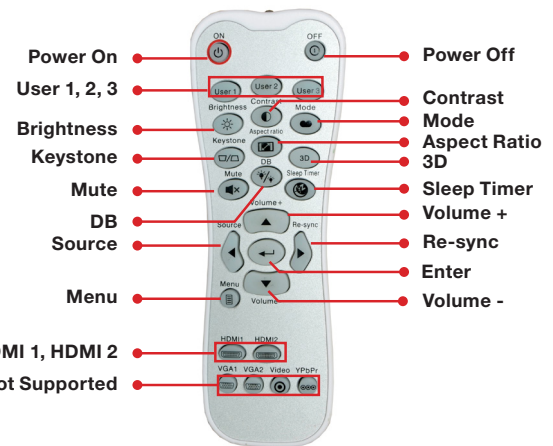
Computer Compatibility	UHD, FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Input Compatibility	PAL (B, D, G, H, I, M, N, 576i/p), NTSC (M, 4.43/3.58 MHz, 480i/p), SECAM (B, D, G, K, K1, L) HD (1080i, 720p), 4K UHD
3D Compatibility†	Side-by-side: 1080i50 / 60, 720p50 / 60 Frame-pack: WUXGA24, 720p50 / 60 Over-under: WUXGA24, 720p50 / 60
Vertical Scan Rate	24 - 120Hz
Horizontal Scan Rate	31 - 135kHz (120Hz for 3D)
User Controls	Complete on-screen menu adjustment in 27 languages
I/O Connection Ports	1 x HDMI (2.0 with HDCP 2.2), 1 x HDMI (1.4a), audio-out, 3D Sync port, USB power
Loop Through (Audio)	Yes

PHYSICAL SPECIFICATIONS

Security	Security bar, Kensington© lock, password protection
Weight	6.2 lbs.
Dimensions (W x H x D)	12.44" x 4.27" x 9.7"



- 1. HDMI1-In (2.0a)
- 2. HDMI2-In (1.4)
- 3. USB power
- 4. 3D Sync
- 5. Audio-Out
- 6. AC Power
- 7. Kensington™ Lock



- 1. Power On
- 2. User 1, 2, 3
- 3. Brightness
- 4. Keystone
- 5. Mute
- 6. DB
- 7. Source
- 8. Menu
- 9. HDMI 1, HDMI 2
- 10. Not Supported
- 1. Power Off
- 2. Contrast
- 3. Mode
- 4. Aspect Ratio
- 5. 3D
- 6. Sleep Timer
- 7. Volume +
- 8. Re-sync
- 9. Enter
- 10. Volume -

Warranty

1 year limited warranty, 90 days on lamp

What's in the Box

HD27HDR projector, AC power cord, remote control, batteries for remote, quick start card and warranty card

Optional Accessories

Universal ceiling mount, DLP@Link™ 3D glasses, lamp, remote

Accessory Part Numbers

Lamp: BL-FU200E
Remote: BR-3003B
DLP@ Link™ 3D glasses: ZD302
Ceiling mount: OCM818B-RU
Ceiling mount: BM-5001U
Ceiling mount (with extensional pole): OCM815B

UPC 796435 81 314 7

*Light source life is dependent upon many factors, including brightness mode, display mode, usage, environmental conditions and more. Light source brightness can decrease over time.

†3D content can be viewed with DLP Link active shutter 3D glasses when projector is used with a compatible 3D player. Please visit Optoma.com for more information.

Optoma.com

