

Bright 1080p Laser Projector

HZ39HDR



Exceptional colors and image quality for home entertainment



- 4,000 ANSI lumens with 300,000:1 contrast ratio
- Flexible installations with 1.3x zoom
- 4K UHD and 1080p HDR (HDMI 2.0) input compatible
- Accurate color with sRGB & REC.709 color profile
- Powerful 10-watt speaker
- DuraCore maintenance-free laser light source up to 30,000 hours
- Quiet operation



1080p



Full 3D



Bring the cinematic experience home with the incredible 4,000 lumens, 1080p Optoma HZ39HDR laser home theater projector. A DuraCore Laser light source eliminates lamp and filter replacements for up to 30,000 hours of maintenance-free operation with stunning color and image quality throughout the life of the projector.

The compact size and low weight make mounting a breeze while its quiet operation ensures the HZ39HDR is seen, not heard. Vertical keystone correction and a 1.3x optical zoom provide flexible installation options.

Blu-ray 3D support brings the immersive 3D movie experience home when paired with optional DLP-Link 3D glasses. Robust inputs include HDMI 2.0 and VGA for connectivity to a wide range of devices.

CONNECTIVITY (May require optional accessories)



Computers



Smart Phones



Tablets



3D Blu-ray/DVD Players



Camcorders



Apple TV®



Chromecast™

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments™ 0.65" 1080p DMD
Color Wheel	4 segment RGBY
Native Resolution	1080p
Maximum Resolution	HDMI 2.0: 4K UHD (3840 x 2160 @ 60Hz) 4K (4096 x 2160, 60Hz) HDMI 1.4: WUXGA (1920 x 1200)
Brightness	4,000 ANSI lumens
Contrast Ratio	300,000:1 (Extreme Black enabled) 1,800:1 full on/full off
Displayable Colors	1.07 billion
Lamp Life*	Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
Light Source Type*	DuraCore Laser
Projection Method	Front, rear, ceiling mount, table top
Keystone Correction	±30° vertical
Geometry	Vertical keystone
Uniformity	75%
Offset	100%
Aspect Ratio	16:9 (native), 4:3, LBX, auto compatible
Throw Ratio	1.21-1.59:1±5%
Projection Distance	2.4'- 34.7' (without zoom)
Image Size	28" – 300.3"
Projection Lens	f=12.81~16.74mm, F=1.94~2.23
Optical Zoom	1.3x
Digital Zoom	0.8 - 2.0x
Audio	10W
Noise Level	32db
Remote Control	Full size remote with laser pointer
360° and Portrait mode operation	Yes
Operating Temperature	41–104°F (5–40°C), 85% max humidity
Power Supply	AC input 100–240V, 50–60Hz, auto-switching
Power Consumption	Bright: 246W typical, 283W max Eco: 193W typical, 220W max
High Altitude	Operating temperature at sea level up to 10,000 feet = 104° F (max); Must manually switch to high altitude mode from 5,000 feet and above (using OSD menu) to maintain optimal functionality.

COMPATIBILITY SPECIFICATIONS

Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K, 4K UHD
Video Input Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p 4K UHD 2160p (24/50/60 Hz), 4K
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 sold separately. Refer to user manual for details.
Vertical Scan Rate	24 ~ 85 Hz (120 Hz for 1080p 3D feature)
Horizontal Scan Rate	15.375 ~ 91.146 KHz
User Controls	Graphic user interface and on-screen menu in 27 languages
I/O Connection Ports	1x HDMI 2.0 (HDCP 2.2, MHL), 1x HDMI 1.4, 1x VGA, 1x audio in (3.5mm), 1x USB-A (power, 5V, 1.5A), 1x micro USB (service)
Control	1x RJ-45, 1x RS-232C

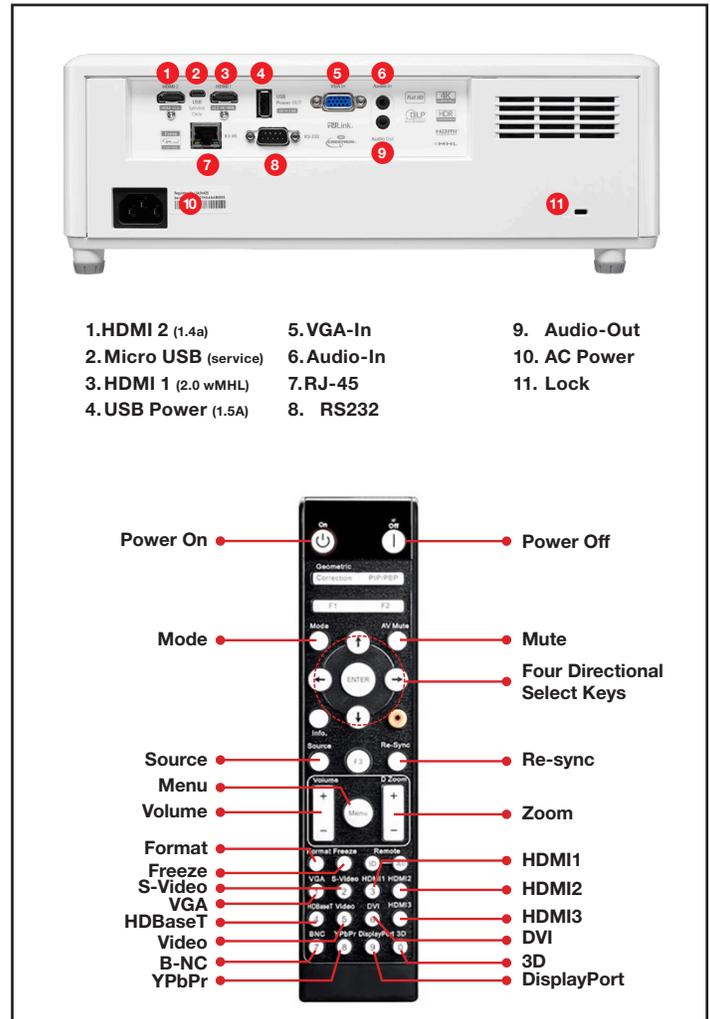
PHYSICAL SPECIFICATIONS

Security	Kensington® lock port, password (OSD)
Weight	9.4 lbs
Dimensions (W x H x D)	13.26" x 4.8" x 10.5"

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

†Watching 3D projection while wearing 3D glasses for an extended period of time may cause headaches or fatigue. If you experience a headache, fatigue or dizziness, stop viewing the 3D projection and rest.

Portrait orientation must follow the recommended positions. Please consult the user manual for further information.



Warranty

5-year or 12,000 hour light source warranty (whichever comes first), 1-year parts and labor limited warranty on the projector.

What's in the Box

HZ39HDR, AC power cable, remote control, batteries, quick start guide,

Optional Accessories

Ceiling mount

Accessory Part Numbers

Ceiling mount: OCM815W
Ceiling mount: OCM818W-RU
Ceiling mount: BM-5001U
Remote: BR-3075W

UPC 796435 81 368 0

Optoma.com

Copyright © 2020 Optoma Technology, Inc. DLP® and the DLP logo are registered trademarks of Texas Instruments™. All other trademarks are the property of their respective owners. All specifications subject to change at any time. 01120020