

# 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**
- **DuraCore maintenance-free laser light source up to 30,000 hours**

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.



# Specifications

<b>Display/image</b>	
Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	4,000 lumens
Contrast ratio	300,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Has vertical auto keystone correction	Yes
Displayable colors (millions)	1073.4
Horizontal scan rate	15.375 ~ 91.146 KHz
Vertical scan rate	50 ~ 85 Hz (120Hz for 3D)Hz
Uniformity	85%
Screen size	28" ~ 300.3" diagonal
<b>Lamp info</b>	
Light source type	Laser
LASER life	30,000 hours
<b>Optical</b>	
Throw ratio	1.21:1 ~ 1.59:1
Projection distance	39.37" - 311.02"
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81 mm~16.74mm/0.504"~0.659"
Native offset	100%
<b>Connectivity</b>	
Connections	<b>Inputs</b> 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 2 x Audio 3.5mm <b>Outputs</b> 1 x Audio 3.5mm, 1 x USB-A power 1.5A <b>Control</b> 1 x RS232, 1 x RJ45, 1 x micro USB service
<b>General</b>	
Noise level (typical)	30dB
Noise level (max)	32dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(24/50/60Hz), 2160p(24/50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60 Full 3D
3D	
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	25 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Norwegian, Polish, Portuguese, Romanian, Russian, Chinese (simplified), Spanish, Swedish, Chinese (traditional), Turkish, Vietnamese
24/7 operation	Yes
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Data remote with laser and mouse function
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Input lag	8.40ms
Optional wireless models	WHD200
<b>Networking</b>	
LAN - control	Yes
<b>Power</b>	
Power supply	100V ~ 240V, 50-60Hz
Power consumption (standby)	<0.5W
Power consumption (min)	206W
Power consumption (max)	269W
<b>Weight and dimensions</b>	
Dimensions (W x D x H)	13.27" x 10.43" x 4.82"
Gross weight	17.2 lbs
Net weight	12.13 lbs

