Optoma

HD29H
Big screen gaming, sports and movies

24 FPS | **AUTO OFF** | **Full HD 1080p**

- **Lights on viewing – 3400 lumens**

- **4K UHD and HDR compatible**

- **Lightning fast gaming projector - Supports 1080p 120Hz with 8.4ms response time**

- **Easy connectivity – 2x HDMI, MHL, USB Power and 10W speaker**

Convenient and easy to setup, the bright and versatile HD29H boasts HDR compatibility as well as delivering high contrast and accurate true to life colour reproduction. This compact projector is ideal for HDR gaming with support for 1080p 120Hz which provides a lightning fast response time of 8.4ms. You can even use it for watching live sport , TV shows and movies.

Specifications

Display/image

Display technology	DLP
Resolution	1080p Full HD (1920x1080)
Brightness	3.400 lumens
Contrast ratio	50.000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Horizontal scan rate	15.38 ~ 91.15Khz
Vertical scan rate	50 ~ 85(120 for 3D)Hz
Uniformity	80%
Screen size	0.71m ~ 7.65m (28" ~ 301") diagonal

Lamp info

Light source type	Lamp
Lamp watts	203
Lamp life hours (up to)	6000 (Bright), 15000 (Dynamic), 10000 (Eco)

Optical

Throw ratio	1.47:1 ~ 1.62:1
Projection distance (m)	1m - 9.8m
Zoom	1.1
Zoom type	Manual
Focal length (mm)	15.59 ~ 17.14
Native offset	116%

Connectivity

Connections	**Inputs** 1 x HDMI 2.0, 1 x HDMI
	Outputs 1 x Audio 3.5mm, 1 x USB-A power 1.5A
	Control 1 x 3D sync

General

Noise level (typical)	25dB
Noise level (max)	27dB
PC compatibility	UHD, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	NTSC M/J, 3.58MHz, 4.43MHz PAL B/D/G/H/I/M/N, 4,43MHz SECAM B/D/G/K/K1/L, 4.25/4.4MHz 480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 4K UHD (24/30/50/60Hz)
3D compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
3D	Full 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
Operating conditions	5°C ~ 40°C, Max. Humidity 85%, Max. Altitude 3000m
Remote control	Backlit home remote
Speaker count	1
Watts per speaker	10W
In the box	AC power cord, remote control, Battery, basic user manual
Input lag	8.40ms
Optional wireless models	WHD200

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	205W
Power consumption (max)	295W

Weight and dimensions

Net weight	2.87kg
Dimensions (W x D x H) mm	316 x 244 x 108