Optoma

UHD50X
Next-Level 1080p Gaming & 4K UHD Home Theater

- **Bright 3,400 lumens with 500,000:1 contrast ratio for lights-on viewing**

- **Ultra-fast 240 Hz refresh rate for unmatched 1080p gaming smoothness**

- **Enhanced Gaming Mode delivers 16ms response time at 1080p, 240 Hz**

- **Vertical lens shift with 1.3x zoom**

Supercharge your huge-screen experience with the 3,400 lumens, 4K UHD Optoma UHD50X projector. Engineered for movies and gaming, the UHD50X delivers incredible details and vibrant colors that brings the cinematic experience home.

Specifications

Display/image

Display technology	DLP™
Resolution	UHD (3840x2160)
Brightness	3,400 lumens
Contrast ratio	500,000:1
Native aspect ratio	16:9
Aspect ratio - compatible	4:3
Keystone correction - vertical	+/-40°
Horizontal scan rate	31 ~ 135Khz
Vertical scan rate	24 ~ 120Hz
Uniformity	80%
Screen size	34.1" ~ 302.4" diagonal

Lamp info

Light source type	Lamp
Lamp watts	240
Lamp life hours (up to)	4000 (Bright), 15000 (Dynamic), 10000 (Eco)

Optical

Throw ratio	1.21:1 ~ 1.59:1
Projection distance	47.24" - 318.9"
Zoom	1.3
Zoom type	Manual
Focal length (mm)	12.81 mm~16.74mm/0.504"~0.659"
Lens shift	Vertical +10%
Native offset	105%

Connectivity

Connections	**Inputs** 1 x HDMI 2.0, 1 x HDMI 1.4a 3D support, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm
	Outputs 1 x Audio 3.5mm, 1 x S/PDIF
	Control 1 x USB-A power 1.5A, 1 x USB-A service, 1 x RS232, 1 x 12V trigger

General

Noise level (typical)	26dB
Noise level (max)	28dB
PC compatibility	UHD, WQHD, WUXGA, FHD, UXGA, SXGA, WXGA, HD, XGA, SVGA, VGA, Mac
2D compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz), 2160p(50/60Hz)
3D	Full 3D
Security	Security bar, Kensington Lock, Password protected interface
OSD / display languages	10 languages: English, French, German, Italian, Japanese, Portuguese, Russian, Chinese (simplified), Spanish
Operating conditions	5°C~40°C/41°F~104°F, max altitude 3000M/9843ft, max humidity 85%
Remote control	Backlit home remote
Speaker count	1
Watts per speaker	10W
In the box	AC power cord Remote control 2x AAA batteries Basic user manual
Input lag	15.70ms

Power

Power supply	100 ~ 240V, 50 ~ 60Hz
Power consumption (standby)	0.5W
Power consumption (min)	220W
Power consumption (max)	305W

Weight and dimensions

Dimensions (W x D x H)	12.4" x 10.63" x 4.65"
Gross weight	11.24 lbs
Net weight	8.6 lbs