



Entertainment
Made Bright and Vivid



Home Entertainment UHZ36 4K UHD Projector

Enjoy bright 4K UHD visuals in everyday spaces. With 3,500 lumens, HDR support, PureEngine technology, and a long-lasting laser, the UHZ36 delivers vibrant color and smooth performance in a compact, easy-to-set-up design.

Bright,
Bold,
Beautiful 4K



4K Ultra HD

Watch your favorite movies and shows in clear, detailed 4K UHD. You'll notice sharper images and more definition, so everyday entertainment feels a little more vivid and enjoyable.



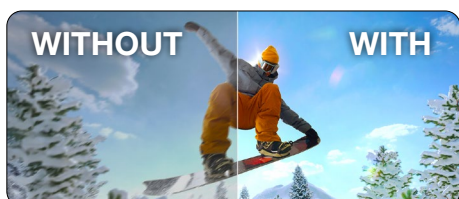
Richer Colors, Deeper Contrast with HDR Support

HDR support brings a boost of detail and color to every scene. Whether you're hosting friends for a game or unwinding with your favorite show, the picture looks clearer, richer, and more immersive.



Watch It the Way It Was Meant to Be

FILMMAKER MODE™ delivers authentic cinema at home by disabling motion smoothing and image enhancements — preserving the original frame rate, color, and aspect ratio, just as the director intended.



PureMotion

Enjoy fluid, lifelike visuals with PureMotion. Fast-paced scenes in action movies, live sports, and games stay sharp and smooth, reducing blur and judder so you can stay fully immersed without missing a moment.



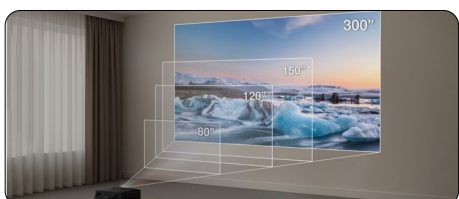
Optoma's Intelligent Visual Enhancement with PureEngine™

Optoma PureEngine enhances every scene with PureDetail for sharper textures and lifelike visuals, PureContrast for deeper blacks and brighter highlights, and PureMotion to keep fast-moving action smooth and blur-free. Colors, brightness, and details are all optimized, giving you an immersive, cinematic experience you can easily customize.



Easy Picture Adjustment

Auto vertical keystone correction adjusts the image for you, keeping it straight and square. Just place the projector where you like and enjoy a clear picture without needing to fine-tune it yourself.



Expand the Experience

Project anywhere from a compact 50" screen to a massive 300" display. Whether it's a casual night in or a full-blown movie marathon, scale your experience to fit the vibe — no wall too small, no screen too big.



Built to Keep Going

Optoma DuraCore laser projectors are designed for reliability, delivering life-like images with consistent brightness for up to 30,000 hours in eco mode. With a maintenance-free light source, there's no need for lamp changes — just dependable performance year after year.

Product Specifications

Display/image	Display technology	DLP®
	Resolution	4K UHD (3840 x 2160)
	Brightness	3500 ISO Lumens*
	Contrast ratio	1,500,000:1
	Native aspect ratio	16:9
	Aspect ratio - compatible	4:3, 16:9, 16:10
	Keystone correction - horizontal	+/-30°
	Keystone correction - vertical	+/-30°
	Horizontal scan rate	15 KHz ~ 255 KHz
	Vertical scan rate	24 Hz ~ 120 Hz
	Uniformity	80%
	Screen Size	28" ~ 300" diagonal
Light Source	Light source type	Laser Phosphor
	Light source life	30,000 hours (Eco mode)
Optical	Throw ratio	1.21-159:1
	Projection distance	28" ~ 300"
	Zoom	1.3x
	Zoom type	Optical
	Focal length (mm)	12.81 mm ~ 16.74 mm
	Native offset	105%±5%
Connectivity	Connections	Inputs 2 x HDMI 2.0 (HDMI 1 supports ARC Pass-through), Outputs 1 x USB-A power 1.5A, 1 x Audio out 3.5mm Control 1 x RS232, 1 x 12V trigger
General	Noise level (min)	28dB (Eco mode)
	ARC Audio Formats	Dolby Digital 2.0, Dolby Digital 5.1, TrueHD 5.1
	Noise level (max)	33dB (Bright mode)
	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 (24/30/50/60/120Hz), 2160p (24/30/50/60Hz)
	Security	Security bar, Kensington Lock, Password protected interface
	OSD / display languages	27 languages: Arabic, Czech, Danish, Dutch, English, Farsi, Finnish, French, German, Greek, Hungarian, Indonesian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Simplified Chinese, Spanish, Swedish, Thai, Traditional Chinese, Turkish, Vietnamese
	24/7 operation	Yes
	360° operation	Yes
	Operating conditions	Max Temperature (operating): 0 ~ 40°C; Tolerance +/- 2°C Max Altitude (operating): 10,000 ft., for 0°C~30°C Max Humidity (operating): 80% RH, non-condensing
	Remote control	Backlit home remote
	Speaker count & Watts per speaker	1 x 15W
	In the box	AC power cord, Backlit remote control, 2x AAA batteries, Quick start user manual
Networking	LAN - control	N/A
Power	Power supply	AC 100 ~ 240V, 50 ~ 60 Hz
	Power consumption (standby)	0.5W
	Power consumption minimum (eco mode)	85 W (typical), 98 W (max)@110V AC 83 W (typical), 96 W (max)@220V AC
	Power consumption maximum (bright mode)	150 W (typical), 173 W (max) @110V AC 148 W (typical), 170 W (max) @220V AC
	Dimensions (W x D x H)	With feet: 10.8" x 8.5" x 4.5"
	Net weight	7.8lbs
	UPC	796435 81 575 2

4KULTRA HD™

DuraCore

LASER

PureEngine™

FILMMAKER MODE

15W

3500lm

30,000hr

HDR

300°

*Brightness measured in accordance with ISO 21118