

Bright 4K UHD Laser Projector

UHZ65LV

Larger-than-life 4K UHD with stunning color and amazing clarity for lights-on viewing



- Incredible native 4K UHD (3840 x 2160) resolution with HDR10 and HLG compatibility
- PureEngine (MEMC) & UltraDetail for outstanding video performance
- Bright 5,000 lumens for lights-on viewing
- Vertical lens shift with 1.6x zoom
- DuraCore maintenance-free laser light source up to 30,000 hours
- Blu-ray 3D compatible
- Extensive I/O with HDMI, 12v trigger, RS-232C and LAN control

TRUE **4K**

4K ULTRA HD™

HDR
COMPATIBLE

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

HDCP 2.2

WIDESCREEN
16:9
ENHANCED

DuraCore
LASER



Outfit your home with beautiful, 5,000 lumens and 4K UHD projections with the Optoma UHZ65LV laser projector for home cinemas. Engineered for the ultimate home theater, the incredibly bright DuraCore Laser light source delivers an amazing visual experience at any hour of the day.

Compact size, low weight and quiet operation make it easy to install in any home cinema and enjoyed with minimal noise. The high-performance DLP chipset displays 8.3-million distinct simultaneous pixels on screen and easily projects images up to 302-inches with outstanding details.

Vertical lens shift, 1.6x optical zoom and 12V trigger provide installation flexibility. RS-232C and LAN connectivity enable simple integration and control via industry standards.

CONNECTIVITY (May require optional accessories)



4K UHD Blu-ray Player



4K Game Console



4K Media Streaming



Computers

OPTICAL/TECHNICAL SPECIFICATIONS

Display Technology	Texas Instruments 0.66" 4K UHD DMD
Color Wheel	4 segment
Native Resolution	4K UHD (3840 x 2160) @ 60Hz w/ XPR technology
Maximum Resolution	4K (4096 x 2160) @ 60Hz
Brightness	5,000 ANSI lumens
Contrast Ratio	2,000,000:1 (Dynamic Black enabled)
Displayable Colors	1.07 billion
Light Source Life up to	Up to 30,000 hrs (Eco), 20,000 hrs (Normal)
Light Source*	DuraCore Laser
Projection Method	Front, rear, ceiling mount, table top
Lens Shift	15% vertical
Uniformity	70%
Offset	100%
Aspect Ratio	16:9 (native), 4:3, 16:10, LBX and auto compatible
Throw Ratio	1.39 - 2.22
Projection Distance	4.3' - 31'
Image Size	27"-302"
Projection Lens	F/2.5-3.26; f=21-33mm
Optical Zoom	1.6x
Digital Zoom	0.8-2.0x
Audio	2 x 5W (stereo)
Noise Level	30dB
Remote Control	Full function remote with laser
Operating Temperature	41-104°F (5-40°C), 85% max humidity
Power Supply	AC input 100-240V, 50-60Hz, auto-switching
Power Consumption	Bright: 386W (typical), 444W (max) Eco: 285W (typical), 328W (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

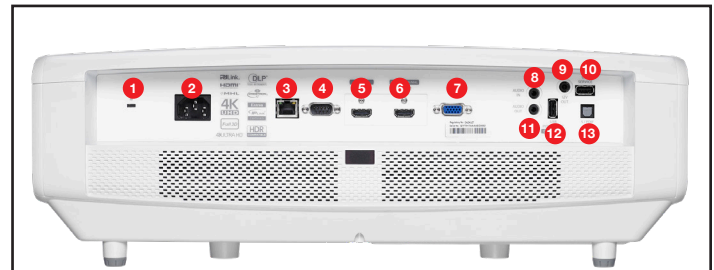
Computer Compatibility	VGA, SVGA, HDTV(720P), WXGA, WXGA+, SXGA, SXGA+, UXGA, HDTV(1080p), WUXGA, 4K UHD (3840 x 2160)
Video Compatibility	PAL, SECAM, 576i/p, NTSC, 480i/p, HDTV 720p/1080i/1080p, 4K UHD (3840 x 2160) 4K (DCI) (4096 x 2160)
3D Compatibility†	Supports all HDMI 1.4a mandatory 3D formats (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 are sold separately. Refer to user manual for details.)
Vertical Scan Rate	Vertical: 24Hz to 120Hz (120 Hz for 1080p 3D)
Horizontal Scan Rate	Horizontal: 31 to 135 KHz
User Controls	RS-232, RJ45
I/O Connection Ports	1x HDMI 2.0 (HDCP 2.2, MHL), 1x HDMI 1.4, 1x VGA (D-sub 15pin) (VGA or component), 1x audio in, 1x optical S/PDIF (2 channel PCM), 1x audio out, 1x 12v trigger, 1x USB-A (power 5V/1.5a), 1xUSB-A (service)
Loop Through (Audio)	No
Control	RS-232, RJ45

PHYSICAL SPECIFICATIONS

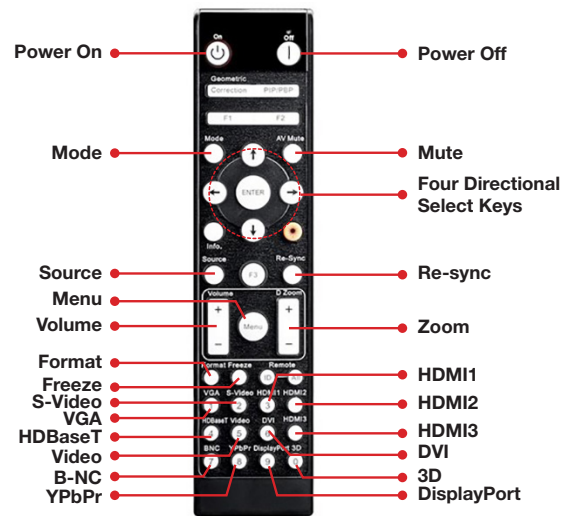
Security	Kensington® lock port
Weight	22 lbs
Dimensions (W x H x D)	19.6" x 6" x 13" (w/o feet)

*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. DLP-Link 3D glasses required, sold separately.



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|---------------------|-------------------|--------------------|
| 1. Kensington™ Lock | 6. HDMI2 In | 11. Audio Out |
| 2. AC Power | 7. VGA In | 12. USB Power |
| 3. RJ-45 | 8. Audio In | 13. Optical S/PDIF |
| 4. RS-232 | 9. 12V trigger | |
| 5. HDMI1 In | 10. USB (service) | |



Warranty

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

What's in the Box

UHZ65LV, AC power cord, remote control, batteries for remote, quick start card

Accessories

Remote (replacement): 45.79P01G001
Remote (optional/backlit): BL-3001B
Ceiling mount: OCM815W, OCM818W-RU

UPC 796435 81 370 3

Optoma.com

