4K UHD Professional Installation Laser Projector
ZK507

Optoma

Spectacular detail and quality for graphics, text and video

Incredible native 4K UHD (3840 × 2160) resolution with HDR10 and HLG compatibility

PureEngine (MEMC) & UltraDetail for outstanding video performance

5,000 lumens and compact design for environments demanding high brightness and resolution

Vertical lens shift with 1.6x zoom

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

Extensive I/O with HDMI, 12v trigger, RS-232C and LAN control

TRUE **4K** · 4KULTRA HD™ · **HDR** COMPATIBLE · **HDMI**™ HIGH DEFINITION MULTIMEDIA INTERFACE · **MHL**® · WIDESCREEN **16:9** ENHANCED · AMX DEVICE DISCOVERY · **CRESTRON**

Project incredible details with the 4K UHD and 5,000 lumens Optoma ZK507 laser projector for professional installations. It's high contrast ratio and HDR compatibility enable brighter whites, deeper black levels, razor sharp text and stunning images.

Compact size, low weight and quiet operation make it perfect for higher education, corporate board rooms and other professional installations. The high-performance DLP chipset displays 8.3-million distinct simultaneous pixels on screen and easily projects massive images with incredible detail.

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

4K UHD PROFESSIONAL INSTALLATION LASER PROJECTOR - ZK507
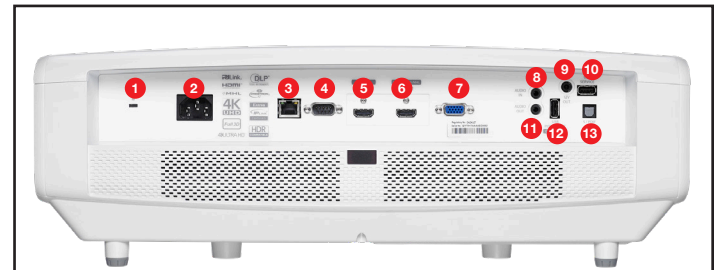
OPTICAL/TECHNICAL SPECIFICATIONS

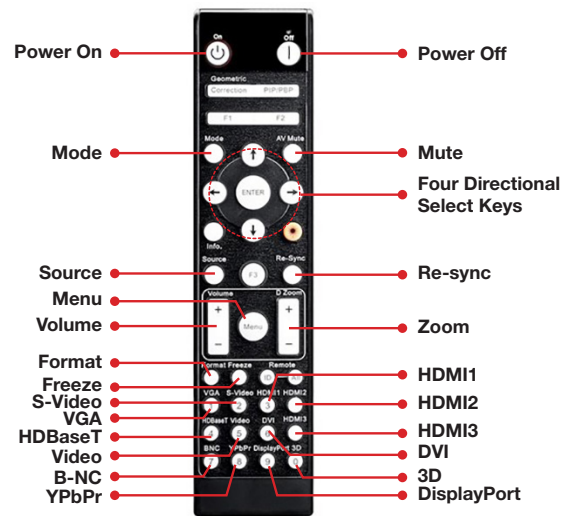|	
Display Technology	Texas Instruments 0.66" 4K UHD DMD
Color Wheel	4 segment
Native Resolution	4K UHD (3840 x 2160) @ 60Hz w/ XPR technology
Maximum Resolution	4K (4096 x 2160) @ 60Hz
Brightness	5,000 ANSI lumens
Contrast Ratio	300,000:1 (Extreme Black enabled), 2,000:1 (full on/off)
Displayable Colors	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)

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

Remote control labels:
Power On, Power Off, Mode, Mute, Four Directional Select Keys, Source, Re-sync, Menu, Volume, Zoom, Format, HDMI1, Freeze, HDMI2, S-Video, VGA, HDMI3, HDBaseT, DVI, Video, 3D, B-NC, DisplayPort, YPbPr

Warranty

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

What's in the Box

ZK507 projector, AC power cable, remote control, batteries, quick start guide

Accessories

Ceiling mount: OCM815W, OCM818W-RU
Remote (replacement): BR-3075W
4K UHD Casting and mirroring adapter: UHDCast Pro
QuickCast Pro 4K HDMI starter kit: QCP-SK-4K-HDMI (1 TX and 1 RX)
QuickCast Pro 4K HDMI starter kit: QCP-4K-KIT (2 TX, 1 RX, 1 Cradle)

UPC 796435 44 445 7

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*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.