

Optoma

Experience crystal-clear image quality and seamless integration



PRO | SCENE ZK1320 / ZK1120 / ZK1000

4K UHD+ WQUXGA High Brightness ProAV Laser Projectors



Introducing the Optoma ZK1320, ZK1120, and ZK1000, 4K UHD+ WQUXGA interchangeable lens laser projectors—delivering 13,500, 11,000, and 10,000 lumens* of brightness designed for installers and integrators seeking performance and convenience. Experience dynamic visuals, high pixel density, high contrast ratio, and accurate color reproduction with flexible installation features.

Suitable for: immersive, entertainment and events, museums, large venues, houses of worship, education and corporate spaces.



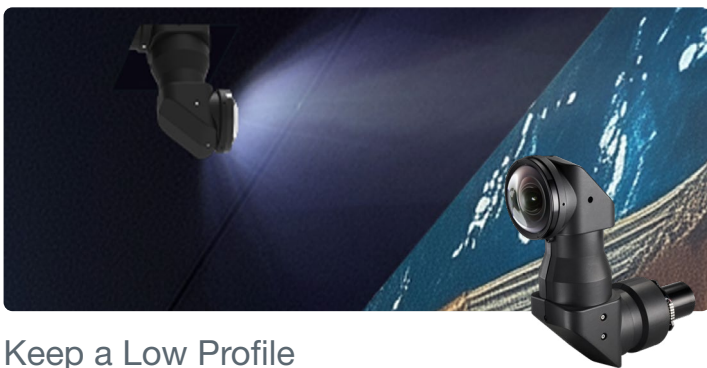
True 4K UHD+ WQUXGA Resolution

Experience crystal-clear visuals with the advanced Texas Instruments 0.8" HEP (High Efficiency Pixel) DLP® chip, delivering an impressive 4K UHD+ 16:10 (3840x2400) screen resolution with 9.22 million projected pixels for exceptional detail, enhanced contrast, and superior lumen efficiency.



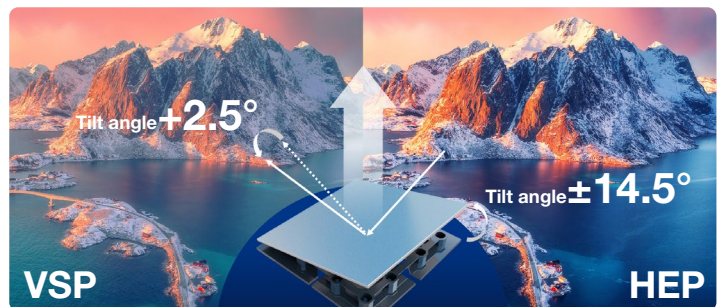
Compact Convenience

Engineered to be lightweight and eco-friendly, these compact projectors, weighing less than 37lbs (without lens), ensures effortless and hassle-free installation.



Keep a Low Profile

Explore the complete collection of 9 interchangeable, zero-offset lenses ranging from 0.34 – 8.64 with full motorized lens-shift, zoom, and focus including the groundbreaking front-facing snorkel ultra-short throw lens. This versatile range ensures seamless blending and discrete projector placement, delivering flawless visuals even in the most confined spaces.



Advanced DLP Chip for Enhanced Contrast

For increased contrast and boosted efficiency, the projectors feature Texas Instruments' new High Efficiency Pixel (HEP) DMD chipsets which use enhanced micromirror pitch and tilt angle, effectively reducing unwanted light scattering. This advancement significantly improves contrast, enhances scope, and boosts overall performance.



Be immersed in **endless possibilities**



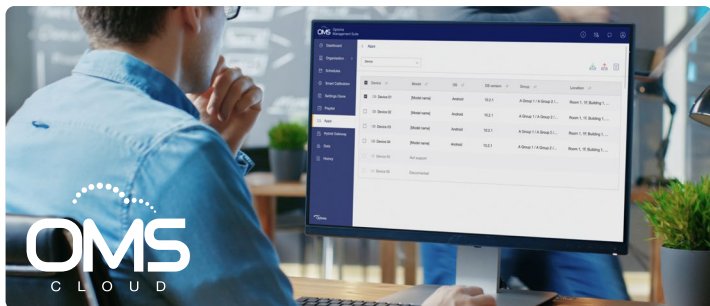
Edge-blend and Warp with Visual Suite

Effortlessly blend and warp content onto flat or irregular surfaces with Visual Suite PC software. Offering 65 x 33 point warping correction, black-level uplift, and image masking.



Advanced Connectivity & Flexible Installation

HDBaseT 3.0 enables long-reach distribution of uncompressed HDMI 2.0 4K@60 4:4:4, 1Gb Ethernet, USB 2.0, controls, and power—all with near-zero latency, while advanced cooling design enables 360-degree installation across diverse applications.



Control Your Device Remotely with OMS[®]

Streamline operations with advanced cloud-based** remote management. Provides monitoring, diagnosis, power scheduling, and projector control.



Art-Net Support

With Art-Net*** support, our projectors enable seamless multi-device synchronization, delivering captivating stage lighting and visual effects for unforgettable live events. Art-Net™ Designed by and Copyright Artistic License Engineering Ltd.

Technology standards



Product Specifications

ZK1320

ZK1120

ZK1000

Display/image	Display technology	TI 0.8" HEP DLP® single chip									
	Resolution	4K UHD+ WQXGA (3840 x 2400)									
	Brightness	13,500 lumens* / 11,500 ANSI lumens			11,000 lumens* / 9,300 ANSI lumens				10,000 lumens* / 8,500 ANSI lumens		
	Contrast ratio	4,000,000:1									
	Aspect ratio - compatible	4:3, 16:9, 16:10, 21:9, LBX									
	Color space	Rec 709: 97% coverage / DCI-P3: 80% coverage									
	Keystone correction - horizontal	± 20°									
	Keystone correction - vertical	± 20°									
	Horizontal scan rate	15.375 ~ 135.0 KHz									
	Vertical scan rate	23.98 ~ 240 Hz (120 Hz for 3D feature projector)									
	Uniformity	95%									
	Screen size	Mechanical: 50" ~ 1000", Optical: 80" ~ 300"									
	Projection distance	Dependent on lens									
Light source	Light source type	DuraCore Laser									
	Light source life	20,000 (bright mode) / 30,000 hours (eco mode)									
Optical	Lens support	BX-CTA28	BX-CTA10	BX-CTA11	BX-CTA12	BX-CTA08	BX-CTA20	BX-CTA21	BX-CTA22	BX-CTA23	
	Throw ratio	0.34 ~ 0.37	0.5 ~ 0.65	0.78 ~ 0.9	0.9 ~ 1.3	1.25 ~ 2	1.44 ~ 1.8	1.8 ~ 2.4	2.4 ~ 4.8	4.8 ~ 8.6	
	Zoom	1.08X	1.3X	1.15X	1.44X	1.6X	1.25X	1.33X	2X	1.8X	
	Zoom type	Motorized									
	Lens shift (1/2 height)	Vertical: +/-120%, Horizontal: +/-50%									
Connectivity	Connections	Inputs - 2 x HDMI (2.0b, HDCP 1.4/2.3), 1 x Display Port In, 1 x HDBaseT v3.0, 1 x 3D Sync In (BNC) Outputs - 1 x HDMI Out v2.0, 1 x 3D Sync Out (BNC), 1 x USB-A Power (5V / 2A) Control - 1 x RJ45, 1 x RS232, 1 x Wired In (3.5 mm phone jack), 3 x IR Receivers									
General	Noise	Typical 36 dB / Max. 40 dB									
	Input lag	4.5 ms (1080p / 240 Hz, low latency on & warping off)									
	3D	Full 3D									
	IP rating	IP5X									
	OSD / display languages	25 languages: Czecho / Danish / Dutch / English / 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									
	Remote control	Backlit ProAV remote									
	Speaker	N/A									
	Power	Power supply	AC 100 ~ 240V, 50 ~ 60 Hz								
Power consumption (standby)		0.3 W									
Power consumption @110V		845 W ±15% (Bright), 420 W ±15% (Eco)			655 W ±15% (Bright), 375 W ±15% (Eco)				590 W ±15% (Bright), 335 W ±15% (Eco)		
Power consumption @220V		820 W ±15% (Bright), 415 W ±15% (Eco)			640 W ±15% (Bright), 365 W ±15% (Eco)				580 W ±15% (Bright), 330 W ±15% (Eco)		
Networking	Networking	OMS, Art-Net, PLink, Telnet, Crestron, Extron, web control, AMX device discovery									
Weight and dimensions	Dimensions (W x D x H)	21.06" x 15.59" x 8.33" - w/ feet 21.06" x 15.59" x 7.44" - w/o feet									
	Gross weight (w/o lens)	52.9 lbs									
	Net weight (w/o lens)	37 lbs									

ZK1320

ZK1120

ZK1000

Compliance and key features



4K/HDR10/HLG Compatible



Powered Focus / Zoom / Lens shift



Energy efficiency



24/7 Operation



Optoma Management Suite Remote display management



Constant Brightness / Constant Power



360 degree installation



Low latency



3D Sync In & Out



50% PCR chassis / Zero mercury

Optoma Technology

