

Optoma

Experience crystal-clear **4K UHD+** image quality and **seamless** integration

ProScene ZK1320 / ZK1120

13,500 / 11,000-lumen compact, high-contrast TI HEP DLP laser projectors



Designed for Sustainability

**DuraCore
LASER**



Introducing the Optoma ProScene ZK1320 and ZK1120 HEP DLP® projectors — designed for installers and integrators seeking performance and convenience. These compact, lightweight projectors deliver stunning 4K visuals with high contrast, eco-friendly SSI design, and a 50% PCR chassis. With optional interchangeable lenses and Optoma Management Suite for remote device management via any browsers, they offer flexibility for any venue or application, making installation, maintenance, and operation easier and more sustainable.

Suitable for: auditoriums, theme parks and entertainment venues, live events, houses of worship, museums, boardrooms, conference rooms, large classrooms, and simulation or immersive applications.



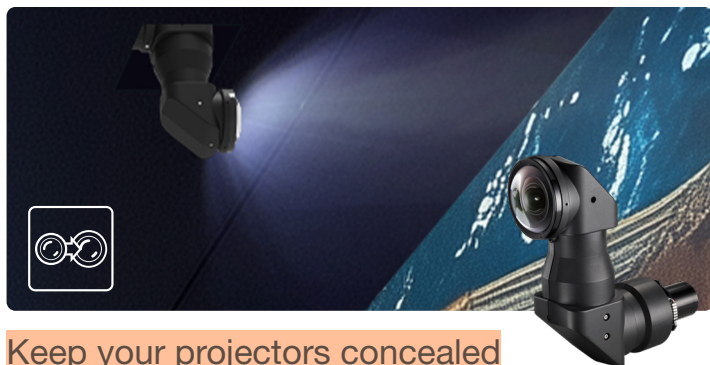
True 4K UHD resolution

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



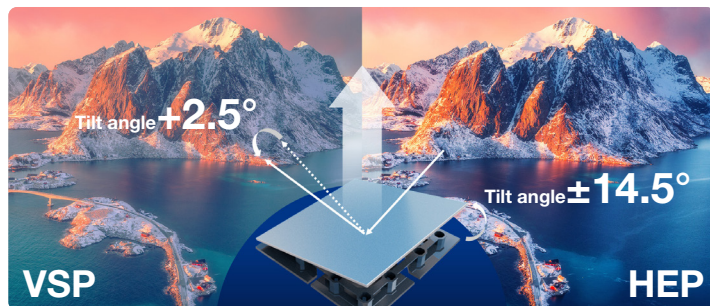
Compact for easier installation

Engineered to be lightweight and eco-friendly, this compact projector, weighing less than 17kg (without lens), ensures effortless and hassle-free installation!



Keep your projectors concealed

Explore the complete collection of 10 interchangeable zero-offset lenses, including the groundbreaking front-facing snorkel UST lens. This versatile range ensures seamless blending and discreet projector placement, delivering flawless visuals even in the most confined spaces.

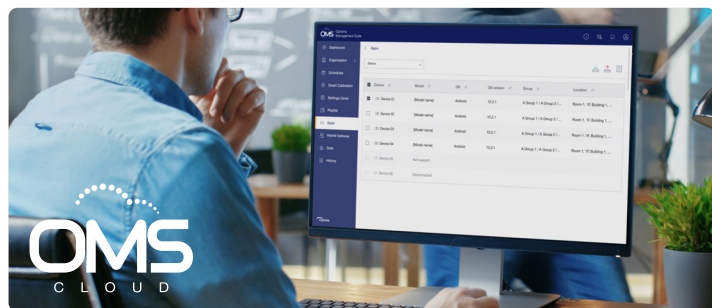


Advanced DLP Chip for Enhanced Contrast

The new HEP DLP chip leverages an enhanced micromirror pitch and tilt angle, effectively reducing unwanted light scattering. This advancement significantly improves contrast, enhances étendue, and boosts overall efficiency.



Be immersed in **endless possibilities**



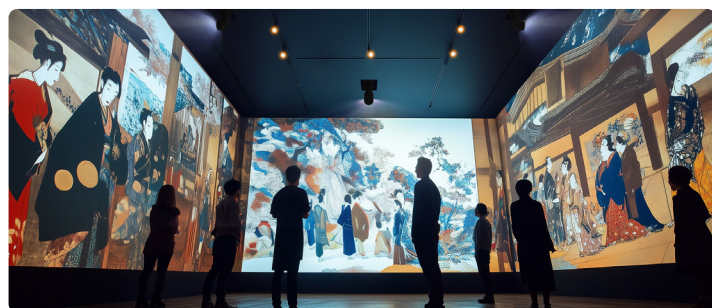
Control your device estate remotely

Enjoy remote access to the projector's web control via OMS Cloud, allowing you to manage settings conveniently even when you're not on the same network, ensuring enhanced control anytime, anywhere.



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.



Easy-to-use blending & warping solution

With Visual Suite, experience effortless installation featuring 65 x 33 warping correction (OSD 17 x 17), tailored for General, Cylindrical, and Cave surfaces, providing a quick and easy warping function for maximum efficiency.



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.

Technology standards



Product specifications

Technical specification				ZK1320				ZK1120			
Display/image	Display technology	TI 0.8" HEP DLP® single chip									
	Resolution	4K UHD+ WQUXGA (3840 x 2400)									
	Brightness	13,500 ISO lumens / 11,500 ANSI lumens					11,000 ISO lumens / 9,300 ANSI lumens				
	Contrast ratio	4,000,000:1									
	Native aspect ratio	16:10									
	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°					± 20°				
	Keystone correction - vertical	± 20°					± 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"									
Lamp info	Light source type	DuraCore Laser									
	Light source life	20,000 hours (bright mode) / 30,000 hours (eco mode)									
Optical	Lens support	BX-CTA28	BX-CTA10	BX-CTA11	BX-CTA12	BX-CTA07	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	1.3 ~ 1.8	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	1.38x	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 (v2.0b, HDCP 1.4/2.3), 1 x DisplayPort 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									
	Safety	Class B EMI protection									
	24/7 operation	Yes									
	360° operation	Yes									
	Remote control	Backlit ProAV remote									
	Speaker	N/A									
Networking	Networking	OMS, Art-Net, PJlink, Telnet, Crestron, Extron, web control, AMX device discovery									
Power	Power supply	AC 100 ~ 240 V, 50 ~ 60 Hz									
	Power consumption (standby)	0.3W									
	Power consumption @110V	845 W ±15% (Bright), 420 W ±15% (Eco)					655 W ±15% (Bright), 375 W ±15% (Eco)				
	Power consumption @220V	820 W ±15% (Bright), 415 W ±15% (Eco)					640 W ±15% (Bright), 365 W ±15% (Eco)				
Weight and dimensions	Gross weight (w/o lens)	24 kg / 52.9 lbs									
	Net weight (w/o lens)	16.8 kg / 37 lbs									
	Dimensions (W x D x H)	535 mm x 396 mm x 211.5 mm / 21.06" x 15.59" x 8.33" - w/ feet 535 mm x 396 mm x 189 mm / 21.06" x 15.59" x 7.44" - w/o feet									

Compliance and key features



Optoma Management Suite
Remote display management



Constant Brightness
/ Constant Power



4K/HDR10/HDR
Compatible



Powered Focus
/ Zoom / Lens shift



Energy-
efficiency



24/7
Operation



360 degree
installation



Low
latency



3D Sync
In & Out



50% PCR chassis /
Zero mercury



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