



4K Home Ultra-Short Throw Projector

Our Product Introduction

Basic Information

- Brand Name: Yeoan
- Model Number: YAE-50L
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: L/C, T/T, Western Union



Product Specification

- Display Technology: DLP
- Projection Light Source: Laser
- Brightness: 5000lm
- Standard Resolution: WUXGA
- Chip Size: 0.47"
- Aspect Ratio: Native:16:10 Compatible: 4:3/16:9

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Product Description

Projector feature:

5000lm 4K DLP UST Projector - The Visual Revolution Engine for the Future Classroom

Utilizing 0.47DMD XPR dithering technology, it delivers 8.3 million pixels (3840x2160), enabling detailed text and molecular structures, with four times the resolution of traditional 1080P.

With 6000 lumens of high brightness and 10-bit color depth, images remain vibrant even in open windows or bright sunlight, ensuring a clear viewing angle for students in the back row.

With a 0.21:1 throw ratio, it projects a 100-inch screen from 21cm away from the wall, completely eliminating shadows caused by the teacher's movement.

Immersive image quality - A wide color gamut, 4K HD, high contrast, and wide viewing angles provide richer, more lifelike colors, allowing for clear, glare-free viewing from any angle.

Native eye protection - Diffuse light source eliminates harmful blue light, prevents glare, and reduces visual fatigue, ensuring clearer, healthier viewing. Intelligent Core - The built-in system covers four major teaching scenarios: whiteboard, textbook, courseware, and review, and provides a variety of intelligent tools to create an immersive and interactive classroom.

Three-Dimensional Resources - A scientific visualization teaching library with a vast collection of resources, covering over 90% of the difficult and key knowledge in the textbook.

Adaptable application scenarios can be created based on different needs, such as future classrooms, mobile offices, and home theaters. The future classroom can be created through various full-scenario classroom applications, creating both standard classroom formats and high-end future classroom formats suitable for various subjects, fully empowering classrooms at all stages and in all disciplines.

Specifications:

Main parameter s	Projection System	DLP projection system	
	Chip size	0.47"	
	Resolution	3840*2160 (xpr 4K)	
	brightness	Typ 3200lm / 5000lm / 5200lm /6000lm	
	Uniformity*2	≥92%	
	Contrast*2	Typ 1100:1	
	Projection ratio	16:9	
Sound Output	8W X 2		
Light source type	type	Laser light source	
	life	Standard mode: 20,000 hours Energy saving mode: 25,000 hours	
Projection lens	type	Fixed focal length lens	
	F no.	2.0±5%	
	Zoom ratio	0	
	Throw Ratio	0.21±0.02	
	Throw distance	390mm ~ 584mm (zoom range, best @ 488mm)	
	Displayable colors	1.07 billion colors (10 bit)	
	Off-axis	147% +6.5%/-3.5%	
	Light Leakage	≤= 0.3 Lux in 0lux darkroom @ 100" black screen and @ outside the pattern on the screen (need to remove ambient light)	
	How it works	Electric focus	
Optimal size	Optimal 100" screen size		
Android	Hardware Platform	MSD8386	
	Software Platform	Android 8.0	
	Support screen parameters	4K(3840*2160)	
	Memory and Storage	3+32GB	
	Multi-screen interaction	Sofa Butler(TBD)	
	Keystone Correction	Manual four-point/eight-point keystone correction	
	Software Features	Motion compensation/wireless screen transmission/Bluetooth/electric focus/timed shutdown	
Keystone Correction	level	Support eight-point correction	
	vertical	Support eight-point correction	
Lens shift	level	0	
	vertical	0	
Image Processing	Built-in geometric correction function		
3D	Only supports 3D effect generated by 3D signal, does not support 2D to 3D conversion		
Installation	Table front projection, ceiling front projection, table rear projection, ceiling rear projection		
	HDMI*2		
	USBx2		

