



## 4k Ultra Short Throw Laser Projector WUXGA 3LCD 4000lm For Education

Our Product Introduction

### Basic Information

- Brand Name: Yeoan
- Model Number: ZKQSJ-42KL
- Minimum Order Quantity: 10
- Delivery Time: 15 days
- Payment Terms: L/C, T/T, Western Union



### Product Specification

- Brightness: 4200lm
- Standard Resolution: 3840\*2160 (4K)
- Display Technology: DLP
- Projection Ratio: TR 0.21:1
- Projection Light Source: Laser
- Aspect Ratio: Native:16:10 Compatible: 4:3/16:9
- Keystone Correction: Manual, Vertical And Horizontal
- Contrast Ratio: 1100:1
- Highlight: **4k Ultra Short Throw Laser Projector, 4000lm Ultra Short Throw Laser Projector, 3LCD Ultra Short Throw Laser Projector**

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## Product Description

**Highlights:** Fashion design and light weight, 3840\*2160 (4K), 4200 lumen brightness, ultra short throw 0.21:1,

Immersive image quality-large color gamut, 4K high-definition, high contrast, high viewing angle; richer and more realistic colors, can be viewed from any position, and the picture is clear and non-reflective.

Native eye protection-diffuse light source, removes harmful blue light, prevents glare, relieves visual fatigue, clear eye protection and healthier.

Intelligent core-the built-in system covers four main teaching scenes: whiteboard, textbook, courseware, and review, and provides various intelligent tools to create an immersive interactive classroom.

Three-dimensional resources-scientific visualization teaching database, massive resources, covering more than 90% of the difficult and key knowledge in textbooks.

According to different needs, create adaptive application scenarios, such as future classrooms, mobile offices, home theaters, etc.

Among them, the future classroom can create normalized classroom forms and high-priced future classroom forms that are suitable for various subjects through different full-scene classroom applications, fully empowering classrooms in all stages and subjects

### Application:

Widely used at living room, bedroom, classroom, office, small conference, hotel room, hospital, school, church, factories and so on.

model	ZKQSJ-42KL	
Main parameters	Projection System	DLP projection system
	Chip size	0.47"
	Resolution	3840*2160 (4K)
	brightness	Typ 4200lm
	Uniformity	≥92%
	Contrast	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
	type	Fixed focal length lens
	Fno.	2.0±5%
	Zoom ratio	1.0
	Throw Ratio	0.21±0.02

Projection lens	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)
	Flare	W Halo <= 5 pixels@ 100" G/R/B <= 0.7 pixels@ 100"
	Defocus	<=3.5 pixels
	Image Quality	Follow TI DMD image quality specifications (no external dust/fibers allowed) (This refers to the system projected image quality, including all defects caused by optical components)
	How it works	Electric focus
Android	Optimal size	Optimal 100" screen size
	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
Input Port	HDMI*2	
	USBx2	
	LANx1	
	Service port x1	
	Power Supplyx1	
	RS232x1	
Output Port	SPDIF X 1	
	Audio out X 1	
Power specifications		100V ~ 240V ± 10%, 50/60Hz
Machine power		350W ±10% 220V
Standby power		≤ 0.5 W
Body material		ABS+PC
Dimensions		380 x342.5 x143mm (without support) (TBD) 380 x342.5 x150mm (with support) (TBD)
weight		About 9 Kg
noise		<36 dB(A)
	Working height	for 0 -- 2500 feet, 5 -- 40 for 2500 -- 5000 feet, 5 -- 35 for 5000 -- 10000 feet, 5 -- 30

Work Environment*4	Operating temperature	5 ~ 40 °C
	Operating humidity	10% to 85%, non-condensing
Accessories	User guide*1; warranty card*1; power cord*1; remote control*1; AAA batteries*2	



No. 79 Kexue Avenue, Keyuan Pioneer Center, High-tech Zone, Hefei City, Anhui Province.