EK-825LU

8,200 Lumens / WUXGA/ 3LCD
Laser Light Source / 1.6x manual zoom
Accepts inputs up-to 4K@60Hz

360° 360° 4K SUPPORT LASER Light Source 3LCD

High Brightness, High Contrast, 4K Signal Supported

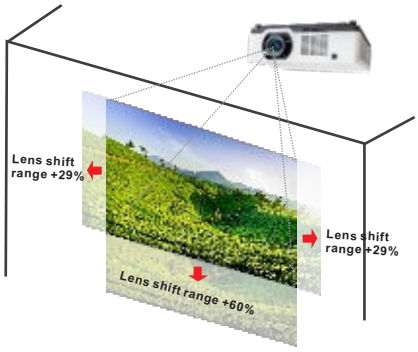
8,200 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio. Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K. Supports analog and digital video input in all color standards up-to 1080p. Supports 4K@60Hz video input via HDMI.

▲ High Contrast
5,000,000:1

▼ Low Contrast

Convenient Mid-range Manual Zoom and Focus Lens

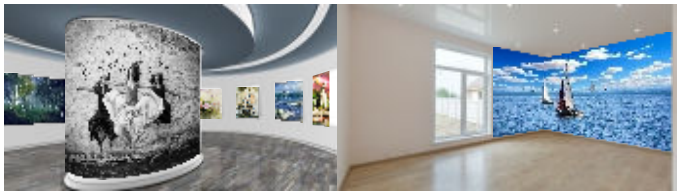
It adopts 1.6x zoom lens, and approximate 0%~+60% vertical and -29%~29% Horizontal manual lens shift for 1.6x ratio zoom lens, which is suitable for a variety of installation environments.

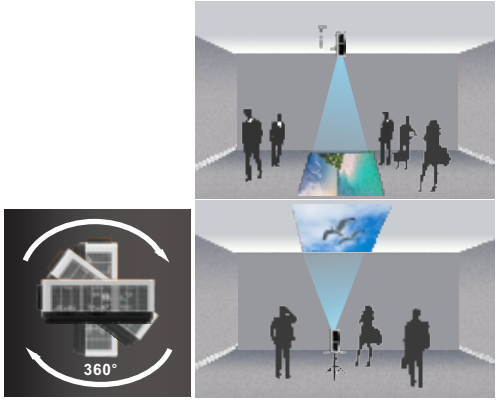


Versatile Installation Capability

- Horizontal, Vertical and Corner Keystone Correction.
- Pincushion/Barrel and 6 point Geometric Correction.
- 360° Free Orientation

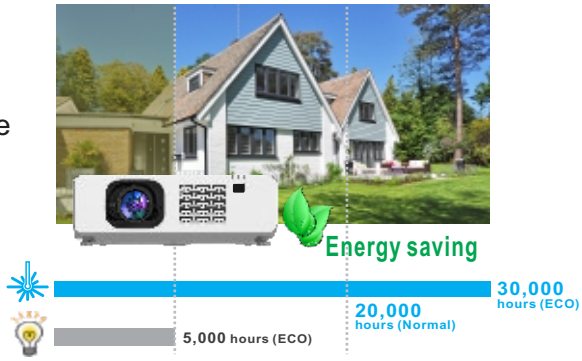
H/V Keystone | 4 Corner Correction | Pincushion/Barrel | 6 Corner Correction | Grid Image Tune





30,000 Hours without change Light Source

Laser light source design can up to 30,000 hours operation time without light source replacement to reduce maintenance effort and give customer user-friendly feeling.



EK-825LU

WUXGA 3LCD Laser Projector

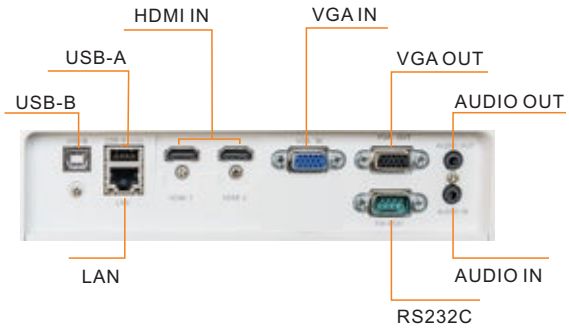
EIKI

▪ Specifications

Model		**EK-825LU**
Display Technology		0.64" 3LCD
Resolution		WUXGA (1920x1200)
Aspect Ratio		16:10(Standard)
Brightness (Center Lumens)		8,200 lumens
Contract Ratio		5,000,000:1
Projection Light Source		Laser (Blue) + Phosphor
Light Source Life		20,000 hours (Normal) / 30,000 hours (ECO)
Image Diagonal		30-300"
Lens (F Value / Focal length)		F = 1.5~2.08 / f= 17.2~27.7mm
Zoom Ratio		Manual x 1.6
Throw Distance		2.5-42 ft (0.77-12.8 m)
Throw Ratio		1.2-2.01:1
Lens Shift (Motorized)		V: + 60%, H: +/- 29%
Keystone Correction		V: +/-30°, H: +/-30°, Corner keystone
Projection Elevation Adjustment		Up to 3.5°
Scanning Frequency		Hsync: 15~100KHz , Vsync: 24~85Hz
Dot Clock		up-to 300MHz
Input Signals - Computer		4K (3840 x 2160@60Hz) - VGA (640 x 480)
Input Signals - Video		1080 i/p, 720 p, 576 i/p, 480 i/p
Interface	HDMI	HDMI x 2
	DVI-D	DVI-D x 1
	VGA	D-Sub 15 x 2 (IN/OUT)
	Audio	3.5mm mini jack x 2 (IN/OUT)
	USB	USB Type A x 1
	USB	USB Type B x 1 (for Service)
	LAN	RJ45 x 1
	HDBaseT	RJ45 x 1
	RS-232C	D-Sub 9 x 1
Fan Noise (Eco / Normal)		29 dB / 39 dB
Dimension (W x H x D)		15.9 x 5.4 x 14.1" (405 x 137 x 358 mm)
Weight		17.0 lb (7.7 kg)
Power Requirements		AC 100 - 240 V, 50/60 Hz
Power Consumption (Eco2/ Normal)		240W@ECO, 390W@Normal
Thermal Dissipation		1,450 BTU
Standard Accessories		AC Power Cord x 2 (U.S.A & Euro), HDMI cable x 1, Remote Control (without AAA batteries x 2), Quick Start Guide

▪ Dimensions

▪ Terminals



▪ Lens Specs

1.6X Manual Zoom and Focus Lens
f: 1.5-2.08; FL: 0.677-1.09 in (17.2-27.7 mm)
Throw to Width: 1.2-2.01:1

▪ Distance Chart

		Screen Width (feet)				
		4	6	10	12	16
Throw Distance (feet)	**Wide**	**4.9**	**7.3**	**12.2**	**14.7**	**19.6**
	Tele	**7.9**	**11.9**	**19.8**	**23.8**	**31.7**

EIKI JAPAN CO., LTD

zip code : 661-0953
Hyogo AmagasakishiHigashisonoda 4-162-1-202

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