

# EIKI

## EK-120U/EK-121W

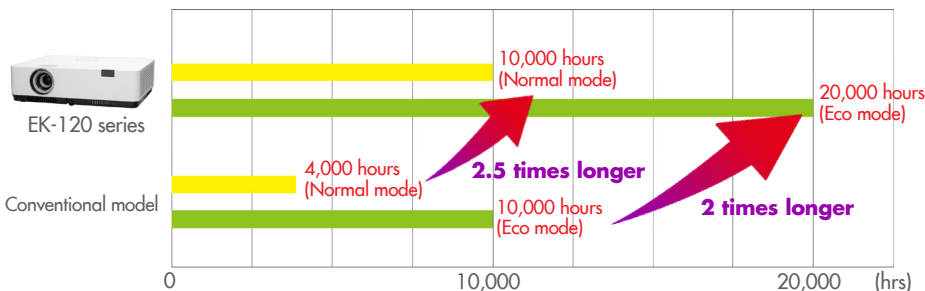
WUXGA/WXGA Long Life Lamp Portable LCD Projector



### 3LCD Projector with Innovative Long Life Lamp

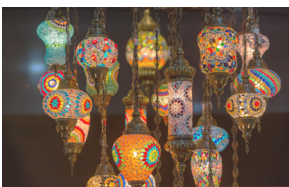
#### Reduction of maintenance by Long Life Lamp

Built-in Innovative Long Life Lamp achieves longer life time of 2.5 times at Normal mode and 2 times at Eco mode than conventional models<sup>1</sup>. It offers a Total Cost of Ownership (TCO) reduction considerably.



#### High Contrast Ratio 15,000:1

The realization of high contrast has made it possible to realistically express the three-dimensional effect and the depth of a dark image.



Clearer Image



#### Recommended Application



- Classrooms
- Conference Rooms

EK-120U and EK-121W are suitable for education and corp. market such as classrooms and Conference rooms since they are compact and easy to install with Auto set up function, Horizontal and Vertical Keystone Correction, and Corner correction.

**4,400 Lumens\***  
**WUXGA**  
**(1920 x 1200)**

**4,600 Lumens\***  
**WXGA**  
**(1280 x 800)**

EK-120U and EK-121W have a big advantage for reducing Total Cost of Ownership (TCO) with a long life lamp. This new model can be provided beautiful, high-contrast and clear images up to the life of the projector come.

#### Key Features

- Long Life Lamp  
20,000 hours (Eco)  
10,000 hours (Normal)
- High Contrast Ratio 15,000 : 1
- Optical Zoom 1.66 x
- Digital Input HDMI x 2
- Flexible installation
  - Keystone Correction  
H: +/- 15°  
V: +/- 30°
  - Corner Correction
  - Curved Correction (EK-121W only)
- Quick Power OFF
- Built-in 10-Watt Audio Speaker



\* Center Lumens

# EK-120U/EK-121W

WUXGA/WXGA Long Life Lamp Portable LCD Projector

# EIKI

## Specifications

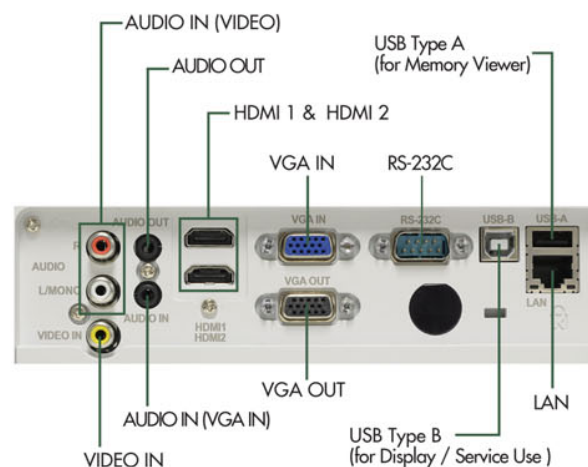
Model (EAN)	EK-120U (457119467 936 6)	EK-121W (457119467 939 7)
Display Type	0.64" 3LCD	
Resolution	WUXGA (1920 x 1200)	WXGA (1280 x 800)
Aspect Ratio	16:10	
Brightness	4,400 lm*	4,600 lm*
Contrast Ratio	15,000:1 (with IRIS ON in Eco mode)	
Projection Light Source	225W x 1	
Light Source Life (Eco / Normal)	20,000 / 10,000 hours	
Image Diagonal	30" - 300"	
Lens (F Value / Focal length)	f: 1.7-2.11; FL: 0.689-1.142 in (17.50-29.01 mm)	
Zoom Ratio	Manual 1.66x	
Throw Distance	2.66-45.50 ft (0.812-13.869 m)	
Throw Ratio	1.26 - 2.09 : 1	
Lens Shift	N/A	
Keystone Correction	V: +/- 30 degrees, H: +/- 15 degrees, Corner Correction, Curved Correction (EK-121W only)	
Projection Elevation Adjustment	Up to 10 degrees	
Scanning Frequency	H Sync: 15 - 91kHz, V sync: 24 - 85 Hz	
Dot Clock	160 MHz	
Input Signals - Computer	WUXGA (1920 x 1200) -VGA (640 x 480)	
Input Signals - Video	1080i/p, 720p, 576i/p, 480i/p	
Terminal	HDMI In	HDMI x 2
	VGA In	D-Sub 15 x 1
	Video (Composite)	RCA x 1
	USB	USB Type A x 1 (Memory viewer) USB Type B x 1 (Display / Service Use)
	Monitor Out (VGA Out)	D-Sub 15 x 1
	Audio In	RCA x 2 (L/R), 3.5mm Mini Jack x 1
	Audio Out	3.5mm Mini Jack x 1
	LAN	RJ45 x 1
	RS-232C	D-sub 9 x 1
Built-in Speaker	Mono 10.0 W x 1	
Fan Noise (Eco / Normal)	30 dB / 37 dB	
Dimensions (W x H x D)	3.9 x 13.6 x 10.3 in (9.9 x 34.5 x 26.1 cm)	
Weight	7.0 lb (3.2 kg)	
Power Requirements	AC 100 - 240 V, 50/60 Hz	
Power Consumption (Eco / Normal)	225 W / 320 W	
Thermal Dissipation	1,092 BTU	
Standard Accessories	AC Power Cord x 1, VGA cable x 1, Remote Control (with AAA batteries x 2), Quick Start Guide, Safety Guide	

\* Center Lumens

## Dimensions



## Terminals



## Optional Accessories

Replacement Filter (P/N: 63340044)

## EIKI INDUSTRIAL CO., LTD.

6-23 Teramoto, Itami-Shi, Hyogo, Japan  
Tel: +81-72-782-7552 • Web: global.eiki.com

Specifications subject to change without notice.  
3LCD and 3LCD Logo are registered trademark of Seiko Epson Corporation.  
All other trademarks are the property of their respective trademark owners.  
©2019 EIKI Industrial Co., Ltd.