

EK-800U

WUXGA Large Class 1chip DLP Projector

EIKI
A-key to better communications.

High Brightness 12000 lm and Professional Installation capability in compact body



Outstanding Features

High Image Quality

Resolution WUXGA (1920 x 1200)
Brightness 12000 lm
Contrast Ratio 5000 : 1 (Dynamic Black ON)
Digital input HDBaseT, HDMI, DVI-D, 3G-SDI
User changeable color wheel design,
High brightness (Equipped as a standard)
Super rich color (Option)
3D capability

Professional installation

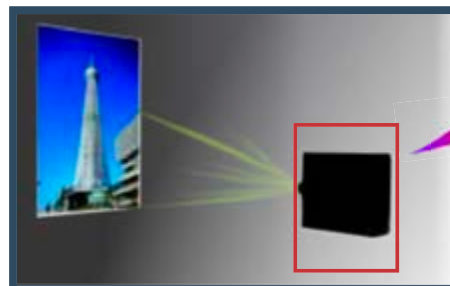
Portrait Projection
360 - degree projection vertically
Warping function
• Geometry correction
• Curved blending
H / V Keystone H : +/- 20 degrees, V : +/- 20 degrees
H / V Lens Shift H : +/- 25 %, V : +/- 60 %
6 Optional Lenses, Throw Ratio 0.84 : 1 to 7.2 : 1

Versatile function

DICOM simulation mode
Mechanical Shutter
WUXGA - VGA and MAC Compatible
Dust Filter (Option)

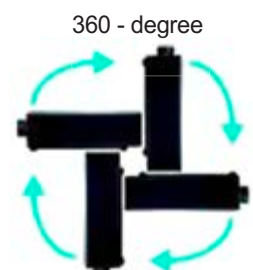
Portrait mode

Portrait mode provides more solutions for projection mapping, staging, digital signage and other needs.



360 - degree installation capability

EK-800U can be installed in a 360 - degree vertical angle configuration. You can install at any vertical angle to accommodate various places.



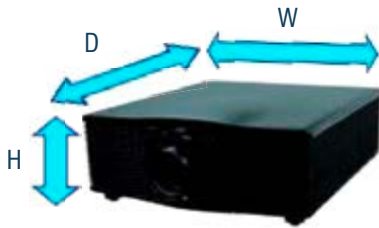
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Terminal



- ① 3D SYNC OUT ② DVI-D ③ VGA IN ④ VGA OUT
- ⑤ BNC (RGBHV / Y,Pb,Pr) ⑥ RS232C ⑦ VIDEO IN
- ⑧ 3G SDI IN ⑨ HDMI ⑩ USB ⑪ SERVICE ⑫ LAN ⑬ HDBaseT
- ⑭ REMOTE OUT ⑮ REMOTE IN

Dimensions



W x H x D
520 x 208 x 591 mm

Remote Control



Option Lens

Type	Model Number	Image	Throw Ratio	Zoom Ratio	Focal Length	Throw Distance
Wide Zoom	AH-B22010		0.84 - 1.02:1	x 1.20	21.5 - 28.7 mm	0.9 - 11.0 m
Wide Zoom	AH-B22020		1.02 - 1.36:1	x 1.33	21.5 - 28.7 mm	1.1 - 14.6 m
Wide Zoom	AH-B22030		1.20 - 1.50:1	x 1.25	25.5 - 31.8 mm	1.3 - 16.1 m
Standard	AH-B21010		1.50 - 2.00:1	x 1.33	31.8 - 42.1 mm	1.6 - 21.5 m
Long zoom	AH-B24010		2.00 - 4.00:1	x 2.00	42.4 - 84.5 mm	2.2 - 43.0 m
Ultra Long zoom	AH-B23010		4.00 - 7.20:1	x 1.8	84.1 - 149.8 mm	4.3 - 77.4 m

Lamp (SP.78901GC01)



(Hg)
Lamp Contains Mercury.
Do not put in trash.
Dispose-of-as Hazardous
Waste, according to the
laws in your jurisdiction.

Specifications

Model	EK-800U	
Display Type	0.96" 1chip DMD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16 : 10	
Brightness	12000 lm	
Contrast Ratio	5000 : 1 (Dynamic Black : ON)	
Projection Lamp	465W x 2	
Estimated Lamp Life (Eco / Normal)	2000 hours / 1500 hours	
Screen Size	50 - 500 inch	
Zoom & Focus		
Throw Distance (Wide - Tele)	Depend on lens (See above table)	
Throw Ratio		
Lens Shift (AH-B21010)	V : +/- 60 % , H : +/- 25 % (Powered)	
Keystone Correction	V : +/- 20 degrees , H : +/- 20 degrees	
Projector Elevation Adjustment	Up to 5 degrees	
Scanning Frequency	H sync: 15.734 - 91.146 kHz , V sync: 24 - 120 Hz	
Dot Clock	162 MHz	
Image Orientation	Normal, Ceiling mount, Rear	
Remote Control	Wireless (Infra Red) x 1	
Computer Compatibility	WUXGA (1920 x 1200) - VGA (640 x 480)	
Video Compatibility	1080 i/p, 720p, 576 i/p, 480 i/p	
Input Terminal	HDBase T	RJ45 jack x 1
	3G HD-SDI	BNC x 1
	HDMI	HDMI (version 1.4a) x 1
	DVI-D	DVI x 1
	R/G/B/H/V, Y/Pb/Pr	BNC x 5
	VGA *1	D-sub 15 pin x 1
	Video	BNC x 1

Model	EK-800U	
Output Terminal	VGA	D-sub 15 pin x 1
	3D-Sync	BNC x 1
Control Terminal	LAN Control	RJ45 jack x 1
	Remote Control IN	Mini jack (3.5mm) x 1
	Remote Control OUT	Mini jack (3.5mm) x 1
	Serial Port (RS232C)	D-sub 9 pin (Cross) x 1
	Wi-Fi	USB Type A x 1
	Service	Mini USB x 1
Fan Noise (Eco / Normal)	36 dB / 39 dB	
Cabinet Size (W x H x D)	520 x 208 x 591 mm	
Weight	23.8 kg	
Power Requirements	AC100 - 120 V, 200 - 240 V, 50 / 60Hz	
Power Consumption	Normal	1150 W +/- 10 % @ 110V
	Stand-by *2	<0.5 W
Thermal Dissipation	3924 BTU / hour	
Standard Accessories		Owner's Manual (CD), Quick Start Guide,
		Power Cord, Remote Control & Battery AAA x 2, VGA cable

*1 : Analog input only, *2 : No Network mode

Specifications subject to change without notice. ©2016 Eiki International, Inc. Printed in the USA. 07/01/16

EIKI
Projectors... and more!
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