

# EK-815U

WUXGA Large Class 1chip DLP Projector

# Touchboards

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# EIKI

*Eiki grows with you*

## Advanced Color Performance by Blue and Red Laser Diode



EK-815U

8500lm

WUXGA (1920x1200)

### Outstanding Features

- High Contrast 100,000 : 1 (with Extreme Black On)
- Digital Terminal (HDBaseT, HDMI IN/OUT, 3G-SDI IN, DVI-D IN)
- 20,000 Hours Light Source Life with Laser Technology
- Flexible Installation
  - Any Orientation (vertical and horizontal) and rotated 360-degree at any angle, Portrait Projection
  - Lens Shift H: +/- 15 %, V: +/- 50 %
  - Keystone Correction H: +/- 20 °, V: +/- 20 °, 4-Corner
  - Geometric Correction and Blending Function
  - 6 Optional Lenses
- Built-in Picture in Picture and Picture by Picture
- Wired & Wireless Network Monitoring and Control
- Seald Optical Engine design (IP6X)

### Portrait Projection



### 360-degree Projection

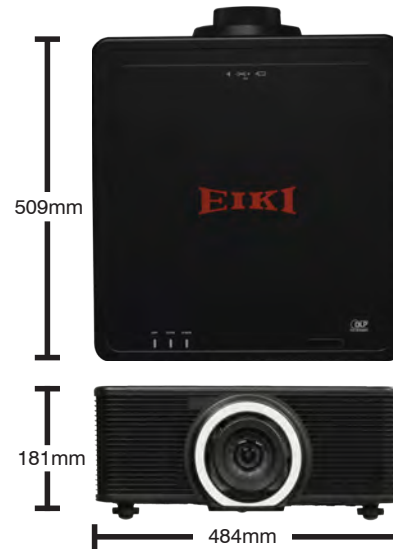


# EK-815U WUXGA Large Class 1chip DLP Projector

## Specifications

Model (EAN)	EK-815U (4571194679083)	
Display Type	0.67" 1chip DMD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10	
Brightness (ANSI)	8,500 lm	
Contrast Ratio (with Extreme Black mode)	100,000:1	
Projection Light Source	Laser (Blue and Red LD) + Phosphor	
Light Source Life	20,000 hours	
Image Diagonal	Depends on lens (See below table)	
Zoom & Focus	Powered	
Throw Ratio	Depends on lens (See below table)	
Lens Shift	V: +/- 50 %, H: +/- 15% (Powered)	
Keystone Correction	V: +/- 20 degrees, H: +/- 20 degrees, 4-corner	
Projection Elevation Adjustment	Up to 5 degrees	
Scanning Frequency	H Sync: 15, 31 - 91.4 kHz, V sync: 24 - 30, 47 - 120 Hz	
Dot Clock	162 MHz	
Input Signals - Computer	WUXGA (1920 x 1200) - VGA (640 x 480)	
Input Signals - Video	1080 i/p, 720p, 576i/p, 480i/p	
Terminal	3G-SDI	BNC x 1
	HDBaseT	RJ45 x 1
	HDMI	HDMI (version 1.4) x 1
	DVI	DVI-D x 1
	VGA	D-Sub 15 x 1
	LAN	RJ45 x 1
	Monitor Out	D-Sub 15 x 1, HDMI x 1
	Wi-Fi	USB Type A x 1
	3D SYNC Out	MINI DIN 3 pin x 1
	Service	MINI USB x 1
	RS232C	D-sub 9 x 1
	Remote Control	3.5mm Mini Jack in x 1
	Fun Noise (Eco / Normal)	32 dB / 35 dB
Dimensions (W x H x D)	484 x 181 x 509 mm	
Weight (without Lens)	22.9 kg	
Power Requirements	AC 100 - 240 V, 50/60 Hz	
Power Consumption (Eco / Normal)	370 W / 700 W	
Thermal Dissipation	2380 BTU / hour	
Standard Accessories	AC Power Cord x 2 (U.S.A. & Euro), VGA cable x 1, Lens Cover x 2, Remote Control (with AAA batteries x 2), Quick Start Guide, Safety Guide	

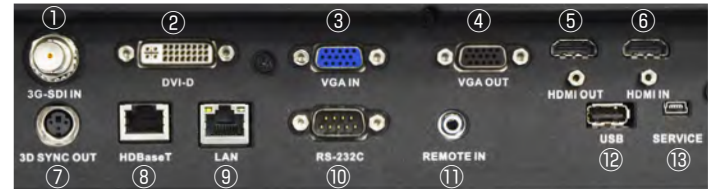
## Dimensions



## Remote Control



## Terminals



- ① 3G-SDI IN    ② DVI-D    ③ VGA IN    ④ VGA OUT  
 ⑤ HDMI OUT    ⑥ HDMI IN    ⑦ 3D SYNC OUT    ⑧ HDBaseT  
 ⑨ LAN    ⑩ RS-232C    ⑪ REMOTE IN  
 ⑫ USB Type A (for Wireless LAN)    ⑬ MINI USB (for SERVICE)

## Keypad



## Optional Wi-Fi Dongle



## Optional Lenses

Model #	AH-A25010	AH-A22010A	AH-A22020	AH-A22050	AH-A21010	AH-A23010
Image						
Throw Ratio	0.36:1	0.75 - 0.95:1	0.95 - 1.22:1	1.22 - 1.53:1	1.52 - 2.92:1	2.90 - 5.50:1
Throw Distance	0.93 - 2.62 m	0.81 - 6.13 m	1.02 - 7.88 m	1.31 - 9.89 m	1.64 - 18.87 m	3.12 - 35.54 m
Zoom Ratio	-	x 1.26	x 1.28	x 1.25	x 1.9	x 1.9
Screen Size	120" - 350"	50" - 300"				
Focal Length	9.49 - 9.55 mm	11.11 - 14.06 mm	14.03 - 17.96 mm	18.07 - 22.59 mm	22.56 - 42.87 mm	42.60 - 80.90 mm
F Number	2.4	2.30 - 2.53	2.30 - 2.57	2.00 - 2.32	2.30 - 3.39	2.30 - 2.47