

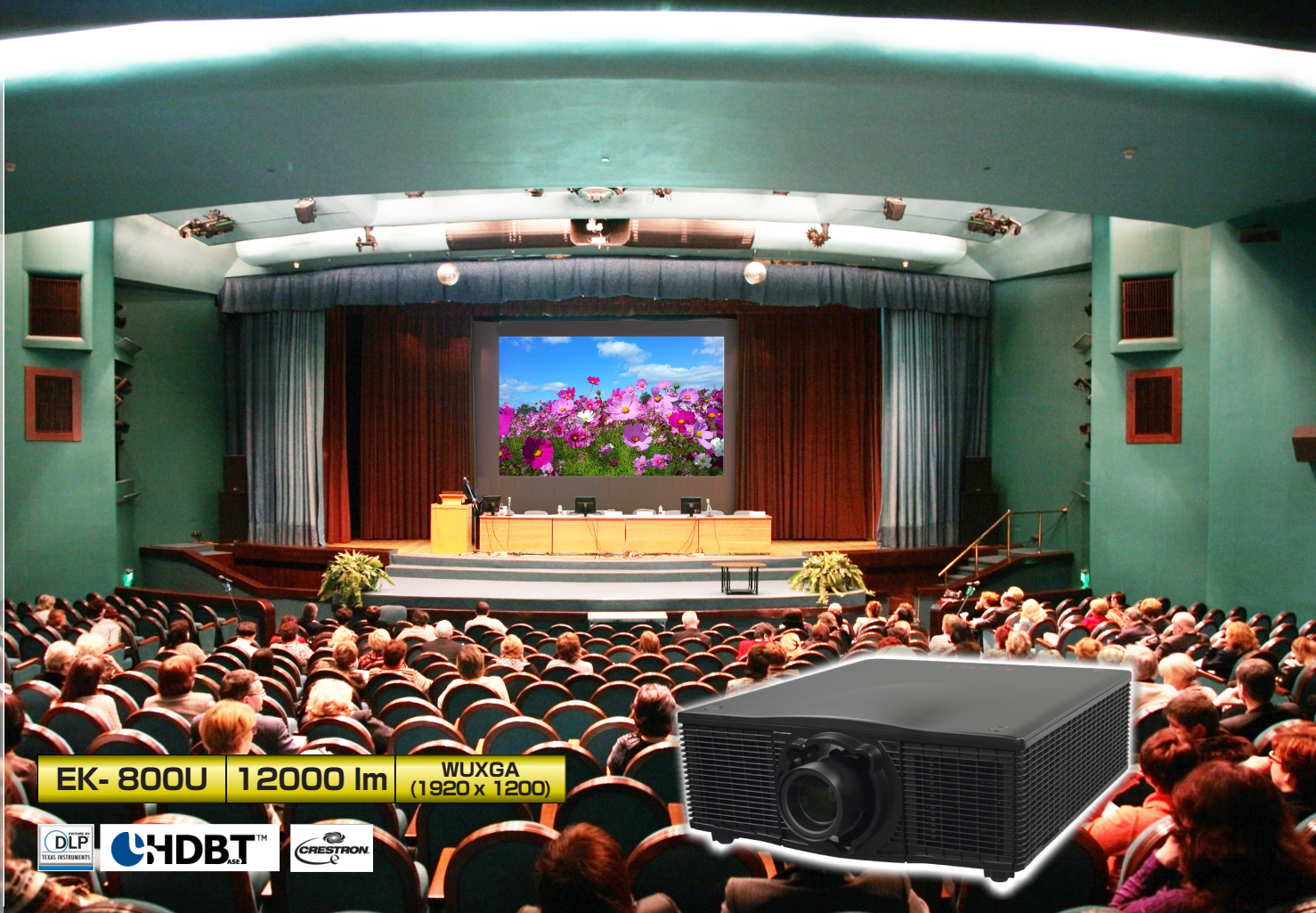
EK-800U

WUXGA Large Class 1chip DLP Projector

EIKI

Eiki grows with you

High Brightness 12000 lm and Professional Installation capability in compact body



EK-800U | **12000 lm** | **WUXGA (1920 x 1200)**



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
 - Curve 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)

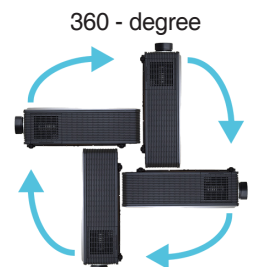
Portrait mode

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.

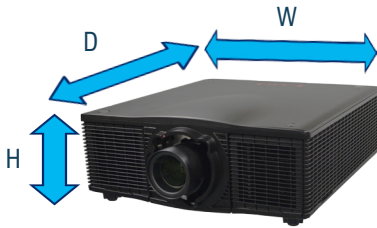


Terminal



- ① 3D SYNC OUT ② DVI-D ③ VGA IN ④ VGA OUT
- ⑤ 5BNC (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

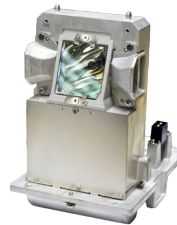
Remote Control



Option Lens

| Type | Model Number | Image | Throw Ratio | Zoom Ratio | Focal Length | Throw Distance |
|-----------------|--------------|-------|---------------|------------|-----------------|----------------|
| Wide Zoom | AH-B22010 | | 0.84 - 1.02:1 | x 1.2 | 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 2.0 | 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 | D-sub 15 pin x 1 |
| | Video | BNC x 1 |

| Model | EK-800U | |
|----------------------------|---|---------------------------|
| Output Terminal | VGA*1 | 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 availability

Talk to your Eiki Dealer... the "pro" in projectors.



Projectors... and more!

Specifications subject to change without notice.

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Eiki International, Inc.

30251 Esperanza, Rancho Santa Margarita, CA 92688-2130
Tel: 800-242-3454; Fax: 800-457-3454, E-mail: usa@eiki.com
In Canada, 9170 County Rd. 93 - Suite 304, Midland, ON L4R 4K4
Phone: 800-563-3454, E-mail: canada@eiki.com