

6,500 ANSI Lumens • WUXGA/WXGA • 1-chip DLP®

# EK-620U / EK-621W

"Large Venue" Series Projector



New Laser (Blue) + Phosphor 1-Chip DLP Projectors.

## Key Features:

- ▽ 6,500 lumens bright and a 100,000:1 contrast ratio.
- ▽ Lampless Laser Technology.
- ▽ 1-chip DLP® technology.
- ▽ 3 Digital Inputs including HDBaseT.
- ▽ **EK-620U:** Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA
- ▽ **EK-621W:** Native WXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ Supports analog and digital video input in all color standards up-to 1080p.
- ▽ Displays both 4:3 and 16:9 aspect ratios. Supports most HDTV resolutions.
- ▽ Flexible Installation up to 360°
- ▽ Wired network monitoring and control.
- ▽ Wifi available with optional USB Dongle.
- ▽ Horiz. Vert. and Corner Keystone Correction.
- ▽ Pin Cushion and Barrel image correction.
- ▽ Built-in Picture in Picture and Picture by Picture.
- ▽ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- ▽ 3 year projector warranty.



**EIKI**  
Projectors... and more!

# EK-620U / EK-621W Specifications:



Brightness . . . . . 6,500 ANSI Lumens  
 Contrast Ratio . . . . . 100,000:1  
 Resolution and Aspect Ratio  
**EK-620U:** . . . . . WUXGA (1920x1200), 16:10  
**EK-621W:** . . . . . WXGA (1280x800), 16:10  
 Color Reproduction . . . . . 10-bit  
 Projection Light Source . . . . . Laser ( Blue ) + Phosphor  
 Total Pixels  
**EK-620U:** . . . . . 2,304,000 (1920x1200) x 1  
**EK-621W:** . . . . . 1,024,000 (1280x800) x 1  
 Imaging System  
**EK-620U:** . . . . . 0.67" DMD™ DLP® chip x 1  
**EK-621W:** . . . . . 0.65" DMD™ DLP® chip x 1  
 Scanning Frequency . . . . . Auto: H Sync. 15.734 ~ 91.146 kHz, V Sync. 24 ~ 120 Hz  
 Pixel Clock . . . . . 162 MHz  
 Lens . . . . . Optional Lenses Available - See lens chart on website  
 Lens Specs . . . . . Optional Lenses Available - See lens chart on website  
 Lens Ratios . . . . . Optional Lenses Available - See lens chart on website  
 Image Diagonal . . . . . 50 ~ 300 in (127 ~ 762 cm)  
 Image Width . . . . . 3.3 ~ 20 ft (1.0 ~ 6.1 m)  
 Throw Distance . . . . . 5.9 ~ 48.8 ft (1.8 ~ 14.9 m)  
 Maximum Pitch . . . . . up-to 360°  
 Vertical Keystone Correction . . . . . Digital: up-to 20° Up or Down  
 Horizontal Keystone Correction . . . . . Digital: up-to 20° Left or Right  
 Image Orientation . . . . . Normal, Reversed, Inverted  
 Local Control / Power Management . . . . . Full Function / Auto Shutdown  
 Remote Control . . . . . Wireless / Wired x 1  
 Remote Control / RS-232 Control . . . . . MiniStereo x 1 / Dsub9 x 1  
 LAN Port . . . . . RJ45 x 1  
 Computer Input in Pixels . . . . . up-to 1600 x 1200 (4:3), 1920 x 1200 (16:10)  
 Analog 4x3 Inputs . . . . . UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC  
 Analog Wide Inputs . . . . . WUXGA, WSXGA+, WXGA+, WXGA

Digital 4x3 Inputs . . . . . UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC  
 Digital Wide Inputs . . . . . WUXGA, WSXGA+, WXGA+, WXGA  
 Video Input Analog . . . . . 480i/p, 576i/p  
 Video Input Digital . . . . . 480p, 575p, 720p, 1080i/p  
 Image Signal Resizing . . . . . Smart Scaling Technology  
 Image Signal Inputs  
 Computer 1 . . . . . Dsub15 x 1  
 Digital Video (w/ HDCP) . . . . . HDMI x 1  
 Digital Video (w/ HDCP) . . . . . DVI-D x 1  
 HDBaseT . . . . . RJ45 x 1  
 USB Type A - Wifi Dongle . . . . . Type A x 1  
 Mini USB - Service . . . . . Mini USB x 1  
 Outputs  
 Computer . . . . . Dsub15 x 1  
 Digital Video (w/ HDCP) . . . . . HDMI x 1  
 3D Sync Out . . . . . Mini Din 3 x 1  
 Fan Noise (Normal / Eco) . . . . . 35 dB / 32 dBA  
 Cabinet Size (HxWxD) - excluding legs . . . . . 7.1 x 19.0 x 20.0 in (18.0 x 48.1 x 50.8 cm)  
 Weight (without lens) . . . . . 51.5 lb (23.4 kg)  
 Packaged Size (HxWxD) . . . . . 15.5 x 24.7 x 23.4 in. (39.3 x 62.7 x 59.5 cm)  
 Packaged Weight . . . . . 62.8 lb (28.5 kg)  
 Operating Temperature . . . . . 41 ~ 95°F (5 ~ 35°C)  
 Electrical Safety Compliance . . . . . IEC / UL / cUL  
 Electromagnetic Compatibility . . . . . FCC Class A, CE Mark  
 Power Requirements . . . . . 100 ~ 240V AC, 50/60 Hz  
 Power Consumption . . . . . 0.5 W in Eco Standby mode, up-to 765W  
 Heat . . . . . up-to 2,608.7 BTU/hr  
 Security Facilities . . . . . Security Bar, Kensington® Security Slot  
 UPC  
**EK-620U:** . . . . . 4571194678543  
**EK-621W:** . . . . . 4571194678574  
 Limited Warranty: to the original end-use customer only  
 Projector . . . . . 3 years / 6000 hours (which ever occurs first)

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## OPTIONAL LENSES:

(AH-A22040 standard lens is available for EK-620U and EK-621W for sharper image than AH-A22030 standard lens.)

Model#	AH-A22010A Lens		AH-A22020 Lens		AH-A22030 Lens		AH-A22050 Lens		AH-A21010 Lens		AH-A23010 Lens	
Model#												
Applied Model	EK-620U	EK-621W	EK-620U	EK-621W	EK-620U	EK-621W	EK-620U	EK-621W	EK-620U	EK-621W	EK-620U	EK-621W
Throw Ratio	0.75~0.95:1	0.79~1.00:1	0.95~1.22:1	1.00~1.28:1	1.22~1.53:1	1.28~1.61:1	1.22~1.53:1	1.28~1.61:1	1.52~2.92:1	1.60~3.07:1	2.90~5.50:1	3.04~5.78:1
Zoom Ratio	x 1.26		x 1.28		x 1.25		x 1.25		x 1.9		x 1.9	
Focal Length	11.11 ~ 14.06 mm		14.03 ~ 17.96 mm		18.07 ~ 22.59 mm		18.07 ~ 22.59 mm		22.56 ~ 42.87 mm		42.60 ~ 80.90 mm	
Throw Distance	0.81~6.13 m	0.83~6.45 m	1.02~7.88 m	1.08~8.27 m	1.31~9.89 m	1.38~10.40 m	1.31~9.89 m	1.38~10.40 m	1.64~18.87 m	1.72~19.84 m	3.12~35.54 m	3.27~37.35 m



Includes a full complement of connections, including network control.

## INCLUDED ACCESSORIES:

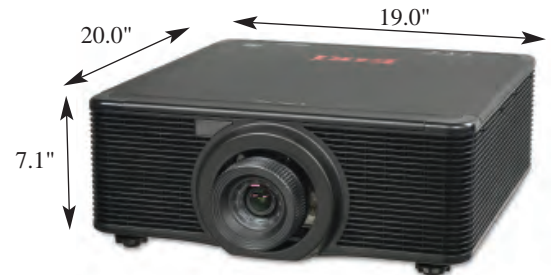
Quick Start Guide, VGA Computer Input Cable (Dsub15 to Dsub15), 6.0 ft (1.8 m) Detachable Power Cord Lens Cover, Remote Control (with 2 AAA Batteries).



## OPTIONAL ACCESSORIES:

ATA-Style Case with Wheels and Telescoping Handle, Ceiling Mount, Ceiling Post and Plate.

High Contrast, Vivid Colors, 1-Chip DLP® Technology.  
 Cost-Effective Large Venue Performance.  
 Crestron RoomView™ & AMX Device Discovery Technology.



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 EK-621W • WXGA • 1-chip DLP® projector.

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