

6,000/5,500 ANSI Lumens • WUXGA/WXGA • 1-chip DLP®

# EK-600U / EK-601W

"Conference" Series Projector



Excellent choice for Classrooms and Conference Rooms!

## Key Features:

- ▽ **EK-600U:** 6,000 ANSI lumens bright with 85% uniformity and a 10,000:1 contrast ratio.
- ▽ **EK-600U:** Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ **EK-601W:** 5,500 ANSI lumens bright with 85% uniformity and a 10,000:1 contrast ratio.
- ▽ **EK-601W:** Native WXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ Supports analog and digital video input in all color standards up-to 1080p.
- ▽ HD BaseT, HDMI and Display Port Digital connectivity with HDCP compliance.
- ▽ Convenient mid-range (1.8:1) manual zoom and focus lens.
- ▽ Accepts composite, component, and S-Video in all major standards.
- ▽ Displays both 4:3 and 16:9 aspect ratios. Supports most HDTV resolutions.
- ▽ Built-in 10 Watt sound system. Closed Caption decoding (NTSC).
- ▽ Wired network control. Digital zoom: 1/4 ~ x16.
- ▽ Horizontal, Vertical & Corner Keystone Correction.
- ▽ Auto input selection. Built-in Test Patterns.
- ▽ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- ▽ 3 year projector warranty.



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

# EK-600U / EK-601W Specifications:

Brightness	
<b>EK-600U:</b>	6,000 ANSI Lumens
<b>EK-601W:</b>	5,500 ANSI Lumens
Contrast Ratio	10,000:1 (High Contrast Mode)
Illumination Uniformity	85%
Resolution and Aspect Ratio	
<b>EK-600U:</b>	WUXGA (1920x1200), 16:10
<b>EK-601W:</b>	WXGA (1280x800), 16:10
Color Reproduction	24-bit (16.7 million colors)
Projection Lamp	365 Watts UHP
Estimated Lamp Life: Normal / Eco	4,000 / 3,000 hours
Total Pixels	
<b>EK-600U:</b>	2,073,600 (1920x1200) x 1
<b>EK-601W:</b>	1,024,000 (1280x800) x 1
Imaging System	
<b>EK-600U:</b>	0.67" DMD™ DLP® chip x 1
<b>EK-601W:</b>	0.65" DMD™ DLP® chip x 1
Scanning Frequency	Auto: H Sync. 15 ~ 91 kHz, V Sync. 24 ~ 85 Hz
Pixel Clock	up-to 120 MHz
Lens	Attached - Manual Zoom and Focus
Lens Specs	f: 2.3 ~ 3.15; FL: 0.694 ~ 1.234 in (17.63 ~ 31.36 mm)
Lens Ratios	
<b>EK-600U:</b>	Zoom Max:Min: 1.8:1; Throw:Width 1.20 ~ 2.2:1
<b>EK-601W:</b>	Zoom Max:Min: 1.8:1; Throw:Width 1.3 ~ 2.3:1
Image Diagonal	40 ~ 300 in (101.6 ~ 762 cm)
Image Width	
<b>EK-600U:</b>	2.8 ~ 20 ft (0.79 ~ 6.1 m)
<b>EK-601W:</b>	2.6 ~ 20 ft (0.79 ~ 6.1 m)
Throw Distance	
<b>EK-600U:</b>	2.9 ~ 35.5 ft (0.88 ~ 10.83 m)
<b>EK-601W:</b>	3.28 ~ 48.2 ft (1.0 ~ 14.7 m)
Projector Elevation Adjustment (legs)	up-to 9°
Maximum Pitch	Up-to 30° Up or Down
Anti Keystone	Fixed Image Offset, Ratio (Top/Bottom) 13:1
Vert/Horiz. Keystone Correction	Digital: V: +/- 30° (Auto) H: +/- 30° (Manual)
Lens Shift	Vertical: +100~120% (Manual) Horiz.: +/- 10% (Manual)
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Control	Wireless x 1
RS-232 Control	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 Formats	NTSC / PAL / SECAM
Video Input Analog	480i/p, 575i/p
Video Input Digital	480p, 575p, 720p, 1080i/p
Image Signal Resizing	Smart Scaling Technology
Image Signal Inputs	
Computer 1	Dsub15 x 2
Digital Video (w/ HDCP & MHL)	HDMI x 2
HD BaseT	RJ45 x 1
Display Port	Display Port x 1
S-Video	S-video x 1
Microphone	MiniStereo x 1
USB Type A For Power Out ( 5V / 1.5A)	Type A x 1
USB Type B (Firmware Update)	Type B mini x 1
Composite Video	RCA x 1
Audio Signal Inputs	
Computer Audio	MiniStereo x 2
Microphone	MiniStereo x 1
Video Audio	RCA x 2 (L/R)
Outputs	
12V Trigger	MiniStereo x 1
3D Sync	Mini DIN 3-pin x 1
Computer Monitor	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Stereo: 10 Watt
Speaker	1.4 in (3.7 cm) x 2 (Stereo)
Fan Noise (Eco / Normal)	32 dB / 35 dBA
Cabinet Size (HxWxD) - excluding legs	5.7 x 16.6 x 14.1 in (14.4 x 42.1 x 35.8 cm)
Weight	13.6 lb (6.2 kg)
Packaged Cabinet Size (HxWxD)	8.9 x 19.1 x 18.3 in (22.6 x 48.5 x 46.4 cm)
Packaged Weight	TBD
Operating Temperature	
<b>EK-600U:</b>	41 ~ 104°F (5 ~ 40°C)
<b>EK-601W:</b>	41 ~ 95°F (5 ~ 35°C)
Electrical Safety Compliance	IEC / UL / cUL
Electromagnetic Compatibility	FCC Class B, CE Mark
Power Requirements	100 ~ 240V AC, 50/60 Hz
Power Consumption	0.5 W in Eco Standby mode, up-to 510W
Heat	up-to 1,740 BTU/hr
Security Facilities	Kensington® Security Slot
UPC	
<b>EK-600U:</b>	4571194678253
<b>EK-601W:</b>	4571194678284
User Maintenance	Clean Filter, Replace Lamp
Limited Warranty: to the original end-use customer only	
Projector	3 years / 6000 hours (which ever occurs first)
Lamp	1 year ownership / 500 hours use (which ever occurs first)

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



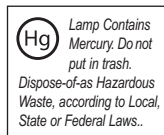
Includes a full complement of connections, including network control.



Easy to change long-life lamp.



Easy vertical and horizontal shift controls.



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**INCLUDED ACCESSORIES:**

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

**OPTIONAL ACCESSORIES:**

Replacement Lamp, Component Video Cable (3RCA to Dsub15), S-Video Cable, Ceiling Mount, Ceiling Post and Plate.

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