

3,600 ANSI Lumens • WXGA • 3LCD

# EIKI-100W

Revolutionary 10,000 Hour Lamp Technology.



Excellent choice for Classrooms and Conference Rooms!

## Key Features:

- ▽ 3,600 ANSI lumens bright with 80% uniformity and a 10,000:1 contrast ratio.
- ▽ Native WXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ Supports analog and digital video input in all color standards up-to 1080p.
- ▽ Convenient mid-range (1.2:1) manual zoom and focus lens.
- ▽ Fixed image offset. Horiz., Vert. & Corner Keystone Correction.
- ▽ HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
- ▽ 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.
- ▽ Side-accessed air filter & top accessed lamp for ease of maintenance.
- ▽ Pin Cushion / Barrel image correction.
- ▽ Auto input selection. Built-in Test Patterns.
- ▽ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- ▽ 3 year projector warranty.



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



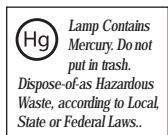
# EK-100W Specifications:

Brightness	3,600 ANSI Lumens
Contrast Ratio	10,000:1
Illumination Uniformity	80%
Resolution and Aspect Ratio	WXGA (1280x800), 16:10
Color Reproduction	10-bit (16.7 million colors)
Projection Lamp	218 Watts UHP
Estimated Lamp Life: Normal / Eco	4,000 / 10,000 hours
Total Pixels	3,072,000 (1280x800) x 3
Imaging System	0.59 in (15 mm) inorganic LCD Panels x 3
Scanning Frequency	Auto: H Sync. 15 ~ 100 kHz, V Sync. 48 ~ 85 Hz
Pixel Clock	up-to 160 MHz
Lens	Attached - Manual Zoom and Focus
Lens Specs	f : 1.6 ~ 1.76; FL: 0.751 ~ 0.905 in (19.1 ~ 23.0 mm)
Lens Ratios	Zoom Max:Min: 1.2:1; Throw:Width 1.48 ~ 1.78:1
Image Diagonal	30 ~ 300 in (76.2 ~ 762 cm)
Image Width	2.6 ~ 20 ft (0.79 ~ 6.1 m)
Throw Distance	3.08 ~ 38.0 ft (0.94 ~ 11.59 m)
Projector Elevation Adjustment (legs)	up-to 10°
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: +/- 15° Corner Keystone
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
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC
Digital Wide Inputs	WUXGA, WSXGA+, 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 (Component / S-Video)	Dsub15 x 1
Computer 2 (switchable Monitor Out)	Dsub15 x 1
Digital Video (w/ HDCP & MHL)	HDMI x 2
USB Type A - Memory Viewer	USB Type A x 1
USB Type B - USB Display / Firmware	USB Type B x 1
Composite Video	RCA x 1
Audio Signal Inputs	
Computer Audio	MiniStereo x 1
Video Audio	RCA x 2 (L/R)
Outputs	
Computer Monitor (Computer 2)	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Amplifier	Mono: 10 Watt
Speaker	1.4 in (3.7 cm) x 1 (Mono)
Fan Noise (Eco / Normal)	34.9 dB / 38.9 dB
Cabinet Size (HxWxD) - excluding legs	4.3 x 13.7 x 10.2 in (10.9 x 34.7 x 25.9 cm)
Weight	7.0 lb (3.2 kg)
Packaged Size (HxWxD)	7.6x 17.5 x 15.1 in (19.3 x 44.4 x 38.3 cm)
Packaged Weight	9.9 lb (4.5 kg)
Operating Temperature	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 270W
Heat	up-to 921 BTU/hr
Security Facilities	Kensington® Security Slot
UPC	4571194677799
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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**HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.**  
**Side-accessed air filter & top accessed lamp for ease of maintenance.**  
**Crestron RoomView™ & AMX Device Discovery Technology.**



EK-100W • WXGA • 3LCD projector.



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, Remote Control (with 2 AAA Batteries).

**OPTIONAL ACCESSORIES:**

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

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**Eiki International, Inc.**

30251 Esperanza ▽ Rancho Santa Margarita, CA 92688-2130  
 Phone: 800-242-3454 ▽ Fax: 800-457-3454 ▽ E-mail: usa@eiki.com

In Canada: 9170 County Rd. 93, Ste. 305, P.O. Box 156 ▽ Midland, ON L4R 4K8  
 Phone: 800-563-3454 ▽ E-mail: canada@eiki.com