

3,300 ANSI Lumens • XGA • 3LCD

*Revolutionary 10,000 Hour Lamp Technology.*

# EK-103X

## "Entry" Series Projector



**Excellent choice for Classrooms and Conference Rooms!**

### Key Features:

- ▽ 3.300 ANSI lumens bright with 80% uniformity and a 1200:1 contrast ratio.
- ▽ Native XGA resolution. Compatible with inputs up-to UXGA and WUXGA.
- ▽ Supports analog and digital video input in all color standards up-to 1080p.
- ▽ HDMI Digital connectivity with HDCP compliance.
- ▽ Convenient mid-range (1.2:1) manual zoom and focus lens.
- ▽ Fixed image offset. Automatic vertical digital keystone correction.
- ▽ Accepts composite, component, and S-Video in all major standards.
- ▽ Displays both 4:3 and 16:9 aspect ratios. Supports most HDTV resolutions.
- ▽ Closed Caption decoding (NTSC).
- ▽ Wired network control. Digital zoom: 1/4 ~ x16.
- ▽ Side-accessed air filter & top accessed lamp for ease of maintenance.
- ▽ Color board modes. Custom warm-up screen.
- ▽ Auto input selection. Built-in Test Patterns.
- ▽ Security bar. Kensington® MicroSaver® security slot. PIN lock.
- ▽ 3 year projector warranty.



**EIKI**<sup>®</sup>  
Projectors... and more!

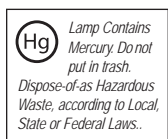
# EK-103X Specifications:

Brightness . . . . . 3,300 ANSI Lumens  
 Contrast Ratio . . . . . 1,200:1  
 Illumination Uniformity . . . . . 80%  
 Resolution and Aspect Ratio . . . . . XGA (1024x768), 4:3  
 Color Reproduction . . . . . 24-bit (16.7 million colors)  
 Projection Lamp . . . . . 218 Watts UHP  
 Estimated Lamp Life: Normal / Eco . . . . . 4,000 / 10,000 hours  
 Total Pixels . . . . . 2,359,296 (1024x768) x 3  
 Imaging System . . . . . 0.63 in (16 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: 0.754~0.906 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 . . . . . 2.9~35.5 ft (0.88~10.83 m)  
 Projector Elevation Adjustment (legs) . . . . . up-to 10°  
 Maximum Pitch . . . . . Up-to 30° Up or Down  
 Anti Keystone . . . . . Fixed Image Offset, Ratio (Top/Bottom) 6:1  
 Vertical Keystone Correction . . . . . Digital: up-to 30° Up or Down  
 Image Orientation . . . . . Normal, Reversed, Inverted  
 Local Control / Power Management . . . . . Full Function / Auto Shutdown  
 Remote Control . . . . . Wireless x 1  
 RS-232 Control . . . . . Dsub9 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 (Component / S-Video) . . . . . Dsub15 x 1  
     Digital Video (w/ HDCP) . . . . . HDMI x 1  
     Composite Video . . . . . RCA x 1  
 Outputs  
     Computer Monitor (Computer 2) . . . . . Dsub15 x 1  
 Fan Noise (Eco / Normal) . . . . . 34.9 dB / 38.9 dB  
 Cabinet Size (HxWxD) - excluding legs . . . . . 3.43 x 13.39 x 9.53 in (8.7 x 34.0 x 24.2 cm)  
 Weight . . . . . 7.0 lb (3.2 kg)  
 Packaged Size (HxWxD) . . . . . 7.2 x 17.0 x 14.2 in (18.2 x 43.1 x 36.0 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 . . . . . 4571194677881  
 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 Digital connectivity with HDCP compliance.**  
**Side-accessed air filter & top accessed lamp for ease of maintenance.**  
**Fixed image offset. Automatic vertical digital keystone correction.**



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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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