



Projectors... and More!

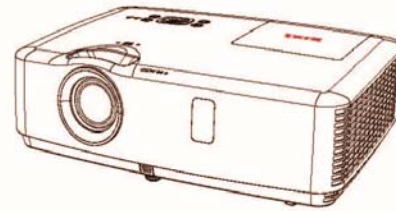
# EK-100W

3,600 ANSI Lumens / WXGA / 3LCD  
Series Projector

Crestron RoomView™ & AMX Device Discovery Technology

## EK-100W

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.  
 HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.  
 Convenient mid-range (1.2:1) manual zoom and focus lens.  
 Fixed image offset. Horiz., Vert. & Corner 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.  
 Built-in 10 Watt sound system. Closed Caption decoding (NTSC).  
 Wired network control. Digital zoom: 1/4~ x16.  
 Crestron, AMX & PJ-link.  
 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.



## 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

## Specifications: Model EK-100W

|  |  |  |   |
|--|--|--|---|
| <b>Brightness</b>                            | 3,600 ANSI Lumens                                | <b>Image Signal Inputs</b>                                     |   |
| <b>Contrast Ratio</b>                        | 10,000:1   | <b>Computer 1 (Component / S-Video)</b>                        | Dsub15 x 1  |
| <b>Illumination Uniformity</b>               | 80%  | <b>Computer 2 (switchable Monitor Out)</b>                     | Dsub15 x 1  |
| <b>Resolution and Aspect Ratio</b>           | WXGA (1280x800), 16:10                           | <b>Digital Video (w/ HDCP)</b>                                 | HDMI x 1  |
| <b>Color Reproduction</b>                    | 10-bit (16.7 million colors)                     | <b>Digital Video (w/ HDCP &amp; MHL)</b>                       | HDMI x 1  |
| <b>Projection Lamp</b>                       | 218 Watts UHP                                    | <b>USB Type A - Memory Viewer</b>                              | USB Type A x 1  |
| <b>Estimated Lamp Life (Eco / Normal)</b>    | 10,000 / 4,000 hours                             | <b>USB Type B - USB Display / Firmware</b>                     | USB Type B x 1  |
| <b>Total Pixels</b>                          | 3,072,000 (1280x800) x 3                         | <b>Composite Video</b>   | RCA x 1   |
| <b>Imaging System</b>                        | 0.59 in (15 mm) inorganic LCD Panels x 3         | <b>Audio Signal Inputs</b>                                     |   |
| <b>Scanning Frequency</b>                    | Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz       | <b>Computer Audio</b>  | MiniStereo x 1  |
| <b>Pixel Clock</b>                           | up-to 160 MHz                                    | <b>Video Audio</b>   | RCA x 2 (L/R)   |
| <b>Lens</b>                                  | Attached - Manual Zoom and Focus                 | <b>Outputs</b>   |   |
| <b>Lens Specs</b>                            | f: 1.6-1.76; FL: 0.751-0.905 in (19.1-23.0 mm)   | <b>Computer Monitor (Computer 2)</b>                           | Dsub15 x 1  |
| <b>Lens Ratios</b>                           | Zoom Max:Min: 1.2:1; Throw:Width 1.48-1.78:1     | <b>Audio Output</b>  | Variable, Stereo: MiniStereo x 1                              |
| <b>Image Diagonal</b>                        | 30-300 in (76.2-762 cm)                          | <b>Amplifier</b>   | Mono: 10 Watt   |
| <b>Image Width</b>                           | 2.6-20 ft (0.79-6.1 m)                           | <b>Speaker</b>   | 1.4 in (3.7 cm) x 1 (Mono)                                    |
| <b>Throw Distance</b>                        | 3.08-38.0 ft (0.94-11.59 m)                      | <b>Fan Noise (Eco / Normal)</b>                                | 34.9 dB / 38.9 dB   |
| <b>Projector Elevation Adjustment (legs)</b> | up-to 10°  | <b>Cabinet Size (HxWxD) - excluding legs</b>                   | 4.3 x 13.7 x 10.2 in (10.9 x 34.7 x 25.9 cm)                  |
| <b>Maximum Pitch</b>                         | Up-to 30° Up or Down                             | <b>Weight</b>  | 7.0 lb (3.2 kg)   |
| <b>Anti Keystone</b>                         | Fixed Image Offset, Ratio (Top/Bottom) 13:1      | <b>Packaged Cabinet Size (HxWxD)</b>                           | 7.6x 17.5 x 15.1 in (19.3 x 44.4 x 38.3 cm)                   |
| <b>Vert/Horiz. Keystone Correction</b>       | Digital:V: +/- 30° - H: +/- 15°, Corner Keystone | <b>Packaged Weight</b>   | 9.9 lb (4.5 kg)   |
| <b>Image Orientation</b>                     | Normal, Reversed, Inverted                       | <b>Operating Temperature</b>                                   | 41-95°F (5-35°C)  |
| <b>Local Control / Power Management</b>      | Full Function / Auto Shutdown                    | <b>Electrical Safety Compliance</b>                            | IEC / UL / cUL  |
| <b>Remote Control</b>                        | Wireless x 1                                     | <b>Electromagnetic Compatibility</b>                           | FCC Class B, CE Mark  |
| <b>RS-232 Control</b>                        | Dsub9 x 1  | <b>Power Requirements</b>                                      | 100-240V AC, 50/60 Hz   |
| <b>LAN Port</b>                              | RJ45 x 1   | <b>Power Consumption</b>                                       | 0.5 W in Eco Standby mode, up-to 270 W                        |
| <b>Computer Input in Pixels</b>              | up-to 1600x1200 (4:3), 1920x1200 (16:10)         | <b>Heat</b>  | up-to 921 BTU/hr  |
| <b>Analog 4x3 Inputs</b>                     | UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC           | <b>Security Facilities</b>                                     | Kensington® Security Slot                                     |
| <b>Analog Wide Inputs</b>                    | WUXGA, WSXGA+, WXGA                              | <b>UPC</b>   | 4571194677799   |
| <b>Digital 4x3 Inputs</b>                    | UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC           | <b>User Maintenance</b>  | Clean Filter, Replace Lamp                                    |
| <b>Digital Wide Inputs</b>                   | WUXGA, WSXGA+, WXGA                              | <b>Limited Warranty: to the original end use customer only</b> |   |
| <b>Video Formats</b>                         | NTSC / PAL / SECAM                               | <b>Projector</b>   | *3 years / 6000 hours   |
| <b>Video Input Analog</b>                    | 480i/p, 575i/p                                   | <b>Lamp</b>  | *1 year ownership / 500 hours use<br>(whichever occurs first) |
| <b>Video Input Digital</b>                   | 480p, 575p, 720p, 1080i/p                        |  |   |
| <b>Image Signal Resizing</b>                 | Smart Scaling Technology                         |  |   |

Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

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