



Projectors... and More!

Touchboards

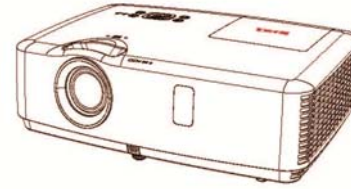
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EK-102X

3,300 ANSI Lumens / XGA / 3LCD
"Entry" Series Projector
Crestron RoomView™ & AMX Device Discovery Technology

EK-102X

3,300 ANSI lumens bright with 80% uniformity and a 10,000:1 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 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.
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-102X

Brightness	3,300 ANSI Lumens	Image Signal Inputs	
Contrast Ratio	10,000:1	Computer 1 (Component / S-Video)	Dsub15 x 1
Illumination Uniformity	80%	Computer 2 (switchable Monitor Out)	Dsub15 x 1
Resolution and Aspect Ratio	XGA (1024x768), 4:3	Digital Video (w/ HDCP & MHL)	HDMI x 2
Color Reproduction	10-bit (16.7 million colors)	USB Type A - Memory Viewer	USB Type A x 1
Projection Lamp	218 Watts UHP	USB Type B - USB Display / Firmware	USB Type B x 1
Estimated Lamp Life (Eco / Normal)	10,000 / 4,000 hours	Composite Video	RCA x 1
Total Pixels	2,359,296 (1024x768) x 3	Audio Signal Inputs	
Imaging System	0.63 in (16 mm) inorganic LCD Panels x 3	Computer Audio	MiniStereo x 1
Scanning Frequency	Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz	Video Audio	RCA x 2 (L/R)
Pixel Clock	up-to 160 MHz	Outputs	
Lens	Attached - Manual Zoom and Focus	Computer Monitor (Computer 2)	Dsub15 x 1
Lens Specs	f: 1.6-1.76; FL: 0.751-0.905 in (19.1-23.0 mm)	Audio Output	Variable, Stereo: MiniStereo x 1
Lens Ratios	Zoom Max:Min: 1.2:1; Throw:Width 1.48-1.78:1	Amplifier	Mono: 10 Watt
Image Diagonal	30-300 in (76.2-762 cm)	Speaker	1.4 in (3.7 cm) x 1 (Mono)
Image Width	2.0-20 ft (0.61-6.1 m)	Fan Noise (Eco / Normal)	34.9 dB / 38.9 dB
Throw Distance	2.88-35.8ft (0.88-10.93 m)	Cabinet Size (HxWxD) - excluding legs	4.3 x 13.7 x 10.2 in (10.9 x 34.7 x 25.9 cm)
Projector Elevation Adjustment (legs)	up-to 10°	Weight	7.0 lb (3.2 kg)
Maximum Pitch	Up-to 30° Up or Down	Packaged Cabinet Size (HxWxD)	7.6x 17.5 x 15.1 in (19.3 x 44.4 x 38.3 cm)
Anti Keystone	Fixed Image Offset, Ratio (Top/Bottom) 13:1	Packaged Weight	9.9 lb (4.5 kg)
Vert/Horiz. Keystone Correction	Digital:V:+/- 30° - H: +/- 15°, Corner Keystone	Operating Temperature	41-95°F (5-35°C)
Image Orientation	Normal, Reversed, Inverted	Electrical Safety Compliance	IEC / UL / cUL
Local Control / Power Management	Full Function / Auto Shutdown	Electromagnetic Compatibility	FCC Class B, CE Mark
Remote Control	Wireless x 1	Power Requirements	100-240V AC, 50/60 Hz
RS-232 Control	Dsub9 x 1	Power Consumption	0.5 W in Eco Standby mode, up-to 270 W
LAN Port	RJ45 x 1	Heat	up-to 921 BTU/hr
Computer Input in Pixels	up-to 1600x1200 (4:3), 1920x1200 (16:10)	Security Facilities	Kensington® Security Slot
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	UPC	4571194677850
Analog Wide Inputs	WUXGA, WSXGA+, WXGA	User Maintenance	Clean Filter, Replace Lamp
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	Limited Warranty: to the original end use customer only	
Digital Wide Inputs	WUXGA, WSXGA+, WXGA	Projector	*3 years / 6000 hours
Video Formats	NTSC / PAL / SECAM	Lamp	*1 year ownership / 500 hours use *(whichever occurs first)
Video Input Analog	480i/p, 575i/p		
Video Input Digital	480p, 575p, 720p, 1080i/p		
Image Signal Resizing	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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