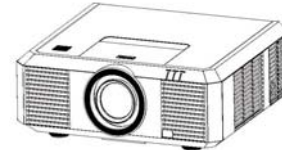# EIKI
Projectors... and More!

EK-500U

5,100 ANSI Lumens / WUXGA / 3LCD
"Conference" Series Projector

High Contrast Durable Inorganic LCD Panels
Cost-Effective Large Venue Performance
Crestron RoomView™ & AMX Device Discovery Technology

EK-500U (EK-500UL no lens)
5,100 ANSI lumens bright with 90% uniformity and a 2500:1 contrast ratio.
Native WUXGA resolution. Compatible with inputs up-to UXGA and WUXGA.
Supports analog and digital video input in all color standards up-to 1080p.
Durable inorganic 3-panel LCD imaging engine with a high contrast ratio.
10-bit color processing, for superior color reproduction.
Power zoom and focus lens. Optional wide-angle and telephoto lenses.
Vertical and Horizontal power lens shift and digital keystone correction.
Includes a full set of analog and digital computer and video inputs.
HDMI with MHL (Mobile High-Definition Link) displays HD Video from Smartphones & Tablets.
Built-in 10 Watt amplifier and speaker system. Closed Caption decoding.
Wired LAN connection for monitoring and control.
Centered lens with 1-button release. Side-accessed lamp, side-accessed filter.
Variable power management option. Optional local or remote keylock.
Wireless/wired remote control with laser pointer.
3 year projector warranty.

Included Accessories:
Quick Start Guide, Owner's Manual on CD-ROM, VGA Computer Input Cable (Dsub15 to Dsub15), 10 ft (3 m) Detachable Power Cord,
Wireless/Wired Remote Control (with 2 AA Batteries)

Optional Accessories:
Replacement Lamp, Wideangle, Midrange and Telephoto Lenses, ATA-Style Shipping Case with Wheel and Telescoping Handle,
Wired Remote Cable (MiniStereo-MiniStereo), Ceiling Mount, Ceiling Post and Plate.

Specifications: Model EK-500U

Brightness	5,100 ANSI Lumens	Image Signal Resizing	Smart Scaling Technology
Contrast Ratio	2500:1	Image Signal Inputs	
Illumination Uniformity	80%	1a: Analog Computer	Dsub15 x 1
Resolution and Aspect Ratio	WUXGA (1900x1200), 16:10	Digital Computer / Digital Video w/ HDCP	DVI-D x 1
Color Reproduction	10-bit (1.07 billion colors)	1b: Digital Computer / Digital Video w/ HDCP & MHL	HDMI x 2
Projection Lamp	350 Watts NSHA	2:RGBHV / YCbCr	BNC x 5
Estimated Lamp Life: Normal / Eco	4,000 / 3,000 hours	Component Video, 3BNC	
Total Pixels	6,912,000 (1900x1200) x 3	3a:Composite Video	BNC x 1
Imaging System	0.76 in (19 mm) Inorganic LCD Panels x 3	3b: S-Video	S-Video x 1
Scanning Frequency	Auto: H Sync. 15-100 kHz, V Sync. 48-85 Hz	USB Display	Micro USB x 1
Pixel Clock	160 MHz	Wifi Display	PW Presenter x 1
Lens	Changeable - Power Zoom and Focus	Memory Viewer	USB Type A x 1
Lens Specs	Speed: *f*: 1.8-2.58; FL: 0.94-1.69 in (23.98-43.18 mm)	Audio Signal Inputs	
Lens Ratios	Zoom Max:Min: 1.8:1; Throw:Width 1.4-2.6:1	For Inputs 1 & 2	Stereo: MiniStereo x 3
Image Diagonal	40-300 in (102-762 cm)	For Video & S-Video	RCA x 4
Image Width	2.67-26.7 ft (0.81-8.1 m)	Outputs	
Throw Distance	3.9-55.9 ft (1.2-17.0 m)	Computer Monitor	Dsub15 x 1
Projector Elevation Adjustment (legs)	up-to 4° Up or Down	Audio Output	Variable, Stereo: MiniStereo x 1
Maximum Pitch	up-to 360°	Amplifier	Mono: 10 Watt
Vertical Lens Shift (% of image height)	up-to 60% Up or Down	Speaker	1.46 in (3.7 cm) x 1 (Mono)
Horizontal Lens Shift (% of image height)	up-to 30% Left or Right	Fan Noise (Eco / Normal)	32 dB / 36 dB
Vertical Keystone Correction	Digital: up-to 15° Up or Down	Cabinet Size (HxWxD)	7.0 x 18.9 x 16.4 in (17.7 x 48.0 x 41.6 cm)
Image Orientation	Normal, Reversed, Inverted	Weight	21.6 lb (9.8 kg)
Local Control / Power Management	Full Function / Auto Shutdown	Packaged Cabinet Size (HxWxD)	12.5 x 26.8 x 22.9 in (31.8 x 68.1 x 58.1 cm)
Remote Control	Wireless/Wired (with laser pointer) x 1	Packaged Weight	35.0 lb (15.9 kg)
Wired Remote Control	IN: MiniStereo x 1, OUT: MiniStereo x 1	Operating Temperature	41-95°F (5-35°C)
RS-232 Control	Dsub9 x 1	Electrical Safety Compliance	IEC / UL / cUL
LAN Port	RJ45 x 1	Electromagnetic Compatibility	FCC Class B, CE Mark
Computer Input in Pixels	up-to 1600x1200 (4:3), 1920x1200 (16:10)	Power Requirements	100-240V AC, 50/60 Hz
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	Power Consumption	0.5 W in Eco Standby mode, up-to 480 W
Analog Wide Inputs	WUXGA, WSXGA+, WXGA	Heat	up-to 1,638 BTU/hr
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	Security Facilities	Kensington® Security Slot
Digital Wide Inputs	WUXGA, WSXGA+, WXGA	UPC	4571194677652
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N	User Maintenance	Clean air filter, Replace Lamp
Video Input Analog	480i/p, 575i/p, 720p, 1035i, 1080i/p	Limited Warranty: to the original end use customer only	
Video Input Digital	480p, 575p, 720p, 1035i, 1080i/p	Projector	*3 years / 6000 hours
		Lamp	*6 month ownership / 500 hours use
			*(whichever occurs first)