



Projectors... and More!

EK-510U

7,000 ANSI Lumens / WUXGA / 3LCD
"Conference" Series Projector

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

EK-510U (EK-510UL no lens)

- 7,000 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.
- Vert. and Horiz. power lens shift and Corner Keystone Correction.
- Analog and digital computer and video inputs, including HDBaseT.
- 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.
- Edge Blending Feature.
- Wireless/wired remote control with laser pointer.
- 3 year projector warranty.



Included Accessories:

- Quick Start Guide, 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-510U

Brightness	7,000 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	HDBaseT	RJ45 x 1
Color Reproduction	10-bit (1.07 billion colors)	1b: Digital Computer / Digital Video w/ HDCP & MHL	HDMI x 2
Projection Lamp	430 Watts NSHA	2:RGBHV / YCbCr	BNC x 5
Estimated Lamp Life: Normal / Eco Total	3,000 / 4,000 hours	Component Video, 3BNC	
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 / Service	Micro USB x 1
Pixel Clock	160 MHz	Memory Viewer	USB Type A x 1
Lens	Changeable - Power Zoom and Focus	Audio Signal Inputs	
Lens Specs	Speed: f: 1.8-2.58; FL: 0.94-1.69 in (23.98-43.18 mm)	For Inputs 1 & 2	Stereo: MiniStereo x 2
Lens Ratios	Zoom Max:Min: 1.8:1; Throw:Width 1.4-2.6:1	For Video & S-Video	RCA x 4
Image Diagonal	40-300 in (102-762 cm)	Outputs	
Image Width	2.95-21.3 ft (0.9-6.5 m)	Computer Monitor	Dsub15 x 1
Throw Distance	3.9-55.9 ft (1.2-17.0 m)	Audio Output	Variable, Stereo: MiniStereo x 1
Projector Elevation Adjustment (legs)	up-to 4° Up or Down	Amplifier	Mono: 10 Watt
Maximum Pitch	up-to 360°	Speaker	1.46 in (3.7 cm) x 1 (Mono)
Vertical Lens Shift (% of image height)	up-to 60% Up or Down	Fan Noise (Eco / Normal)	34 dB / 40 dB
Horizontal Lens Shift (% of image height)	up-to 30% Left or Right	Cabinet Size (HxWxD)	7.0 x 18.6 x 16.2 in (17.7 x 47.2 x 41.1 cm)
Vertical Keystone Correction Horizontal	Digital: up-to 30° Up or Down	Weight with lens	22.7 lb (10.3 kg)
Keystone Correction	Digital: up-to 15° Left or Right	Packaged Size (HxWxD)	11.6 x 24.4 x 23.0 in (29.4 x 62.0 x 58.5 cm)
Image Orientation	Normal, Reversed, Inverted	Packaged Weight with lens	29.7 lb (13.5 kg)
Local Control / Power Management	Full Function / Auto Shutdown	Packaged Weight without lens	27.9 lb (12.7 kg)
Remote Control	Wireless/Wired (with laser pointer) x 1	Operating Temperature	41-95°F (5-35°C)
Wired Remote Control	IN: MiniStereo x 1, OUT: MiniStereo x 1	Electrical Safety Compliance	IEC / UL / cUL
RS-232 Control	Dsub9 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 580 W
Analog Wide Inputs	WUXGA, WSXGA+, WXGA	Heat	up-to 2,013 BTU/hr
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA, MAC	Security Facilities	Kensington® Security Slot
Digital Wide Inputs	WUXGA, WSXGA+, WXGA	UPC - EK-510U	4571194678727
Video Formats	NTSC / PAL / SECAM / NTSC 4.43 / PAL-M&N	UPC - EK-510UL	4571194678819
Video Input Analog	480i/p, 575i/p, 720p, 1035i, 1080i/p	User Maintenance	Clean air filter, Replace Lamp
Video Input Digital	480p, 575p, 720p, 1035i, 1080i/p	Limited Warranty: to the original end use customer only	
		Projector	*3 years / 6000 hours
		Lamp	*6 month ownership / 500 hours use (whichever occurs first)

Caution! Laser Radiation - Do not stare into beam. Max. Output: 1m Wave Length: 640 ~ 660 nm. Class II Laser Product Lamp contains Mercury. Do not put in trash. Dispose of as Hazardous Waste, according to Local, State or Federal Laws.

EIKI® is a registered trademark of Eiki International Inc. Kensington is a registered trademark of ACCO Brands Corporation. Crestron Roomview is a registered trademark of Crestron Electronics, Inc.

Specifications subject to change without notice. ©2017 Eiki International Inc. Issued Nov. 30, 2017
Eiki International Inc., 30251 Esparanza, Rancho Santa Margarita, CA 92688-2132. Tel: 800-242-3454; Fax: 800-457-3454, Email: usa@eiki.com
In Canada: 9170 County Rd. 93, Suite 304, Midland ON, L4R 4K4. Tel: 800-563-3454, Email: canada@eiki.com