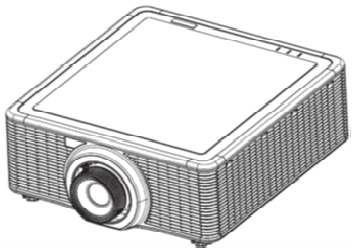
EK-1300LU

13,000 Lumens / WUXGA / 3LCD
Laser + Phosphor Light Engine
Accepts inputs up-to 4K
Crestron RoomView™ & AMX Device Discovery Technology



EK-1300LU
13,000 center lumens bright with 80% uniformity and a 100,000:1 contrast ratio.
Native WUXGA resolution. Compatible with inputs up-to UXGA, WUXGA and 4K.
Supports analog and digital video input in all color standards up-to 1080p.
Horizontal, Vertical & Corner Keystone. Pincushion/barrel correction.
Horizontal & Vertical Lens Shift. Wired network control.
Displays 4:3, 16:9 and 16:10 aspect ratios. Supports most HDTV resolutions.
Low maintenance filter-less design with sealed optical engine.
Auto input selection. Built-in Test Patterns.
Security bar. Kensington® MicroSaver® security slot. PIN lock.
3 year Projector warranty. 20,000 hour Laser Light Engine warranty.

Included Accessories:
Quick Start Guide, HDMI Cable, 6.0 ft (1.8 m) Detachable Power Cord, Remote Control (with 2x AA Batteries)

Optional Accessories:
Ceiling Mount, Ceiling Post and Plate

Specifications: Model EK-1300LU

Brightness	13,000 Center Lumens
Contrast Ratio	100,000:1
Illumination Uniformity	80%
Resolution and Aspect Ratio	WUXGA (1920x1200), 16:10
Color Reproduction	10-bit (16.7 million colors)
Projection Light Source	Laser (Blue) + Phosphor
Estimated Light Source Life	20,000 hours
Total Pixels	6,912,000 (1920x1200) x 3
Imaging System	0.76" in (19 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	Optional Lenses Available - See lens chart
Image Diagonal	50-500 in (127-1270 cm)
Image Width	3.5-35.3 ft (1.1-10.8 m)
Throw Distance	2.8-248.0 ft (0.85-75.8 m)
Lens Shift	V: -10%~+50% H: +/- 20%
Projector Elevation Adjustment (legs)	Up-to 1°
Maximum Pitch	Up-to 360° Installation
Vert/Horiz. Keystone Correction	Digital: V: +/- 30° H: +/- 30°, Corner Keystone
Image Orientation	Normal, Reversed, Inverted
Local Control / Power Management	Full Function / Auto Shutdown
Remote Control	Wireless / Wired x 2 (In/Out)
RS-232 Control	Dsub9 x 1
LAN Port	RJ45 x 1
Computer Input in Pixels	up-to 1600x1200 (4:3), 3840x2160 (16:9)
Analog 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA
Analog Wide Inputs	WUXGA, WSXGA+, WXGA
Digital 4x3 Inputs	UXGA, SXGA+, SXGA, XGA, SVGA, VGA
Digital Wide Inputs	4K, WUXGA, WSXGA+, WXGA
Video Formats	NTSC / PAL / SECAM
Video Input Analog	480i/p, 576i/p
Video Input Digital	480p, 576p, 720p, 1080i/p

Image Signal Resizing	Smart Scaling Technology
Image Signal Inputs	
Computer 1	Dsub15 x 1
Digital Video (w/ HDCP)	HDMI x 2
Digital Video (w/ HDCP)	DVI-D x 1
HDBaseT	RJ45 x 1
3G-SDI	BNC x 1
USB-A - Memory Viewer	USB Type A x 1
USB-B - USB Display / Firmware	USB Type B x 1
Audio Signal Inputs	
Computer Audio	MiniStereo x 1
Outputs	
Digital Video	HDMI x 1
Computer Out	Dsub15 x 1
Audio Output	Variable, Stereo: MiniStereo x 1
Fan Noise (Eco / Normal)	40 dB / 43 dB
Cabinet Size (HxWxD) - excluding legs	8.6 x 23.6 x 19.8 in (21.8 x 60.0 x 50.3 cm)
Weight - without lens	52.9 lb (24.0 kg)
Packaged Cabinet Size (HxWxD)	14.2 x 28.9 x 24.9 in (36.0 x 73.5 x 63.2 cm)
Packaged Weight	61.7 lb (28.5 kg)
Operating Temperature	41-104°F (5-40°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 960 W
Heat	3,276 BTU
Security Facilities	Kensington® Security Slot
Limited Warranty: to the original end use customer only	
Projector	*3 years / 6,000 hours
Laser Light Engine only	*3 years / 20,000 hours use *(whichever occurs first)

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