

8,200 Lumens · 5,000,000:1 Contrast Ratio · WUXGA
3LCD · Laser Light Source · 4K Scaler

EK-820LU

Conference Series Projector



Key Features

- 8,200 center lumens bright with 80% uniformity and a 5,000,000:1 contrast ratio.
- High brightness and contrast with long life 20,000 hour Laser + Phosphor Light Source.
- 10-bit color processing, for superior color reproduction.
- 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.
- Supports 4K video input via HDMI.
- Convenient mid-range (1.6:1) manual zoom and focus lens.
- Horizontal, Vertical & Corner Keystone Correction.
- Pincushion/Barrel & 6 point Geometric Correction.
- Horizontal & Vertical Manual Lens Shift. Wired network control.
- Compatible with Crestron RoomView™ & AMX Device Discovery Technology.
- Built-in 16 Watt amplifier and speaker system. Closed Caption decoding.



EK-820LU

WUXGA 3LCD Laser Projector



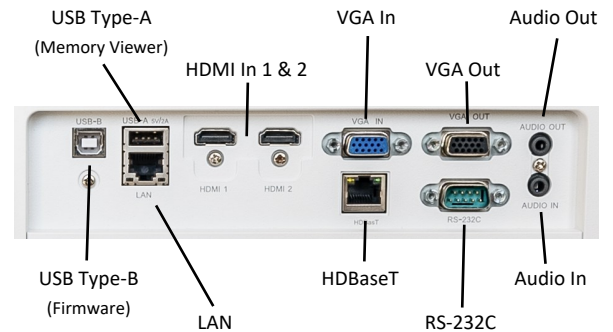
Specifications

Model	EK-820LU	
Display Type	0.64" 3LCD	
Resolution	WUXGA (1920 x 1200)	
Aspect Ratio	16:10	
Brightness (Center Lumens)	8,200 lumens	
Contrast Ratio	5,000,000:1	
Projection Light Source	Laser (Blue) + Phosphor	
Light Source Life	20,000 hours	
Image Diagonal	30-300"	
Lens (F Value / Focal Length)	f: 1.5-2.08; FL: 0.677-1.09 in (17.2-27.7 mm)	
Zoom Ratio	Manual x 1.6	
Throw Distance	2.5-42 ft (0.77-12.8 m)	
Throw:Width Ratio	1.22-1.98:1	
Lens Shift	V: + 60% H: +/- 29% (Manual)	
Keystone Correction	V: +/- 30° H: +/- 30°, Corner Keystone	
Projection Elevation Adjustment	up-to 3.5°	
Scanning Frequency	H Sync. 15-100 KHz, V Sync. 24-85 Hz	
Dot Clock	up-to 300 MHz	
Input Signals - Computer	4K (3840 x 2160) - VGA (640 x 480)	
Input Signals - Video	1080 i/p, 720 p, 576 i/p, 480 i/p	
Terminal	HDMI In	HDMI x 2
	VGA In	Dsub15 x 1
	HDBaseT In	RJ45 x 1
	USB	USB Type A x 1 (Memory Viewer)
	USB	USB Type B x 2 (Firmware)
	VGA Out	Dsub15 x 1
	Audio In	3.5mm MiniStereo x 1
	Audio Out	3.5mm MiniStereo x 1
Built-in Speaker	Mono 16 Watt	
Fan Noise (Eco / Normal)	29 dB / 39 dB	
Dimensions (H x W x D)	5.3 x 15.9 x 14.7 in (13.5 x 40.5 x 37.3 cm)	
Weight	17.0 lb (7.7 kg)	
Power Requirements	100-240V AC, 50/60 Hz	
Power Consumption	0.5 W in Eco Standby mode, up-to 425 W	
Thermal Dissipation	1,450 BTU	
Standard Accessories	Detachable AC Power Cord, VGA Cable, Quick Start Guide, Remote Control (with 2x AAA Batteries)	

Dimensions



Terminals



Lens Specs

1.6X Manual Zoom and Focus Lens
 f: 1.5-2.08; FL: 0.677-1.09 in (17.2-27.7 mm)
 Throw to Width: 1.22-1.98:1

Distance Chart

Throw Distance (feet)	Wide	Screen Width (feet)				
		4	6	10	12	16
Tele	Wide	4.9	7.3	12.2	14.7	19.6
	Tele	7.9	11.9	19.8	23.8	31.7

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2024/07-V1 GW