

7,200 Lumens · 5,000,000:1 Contrast Ratio · WUXGA
3LCD · Laser Light Source · 4K Scaler

EK-720LU

Conference Series Projector



Key Features

- 7,200 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-720LU

WUXGA 3LCD Laser Projector

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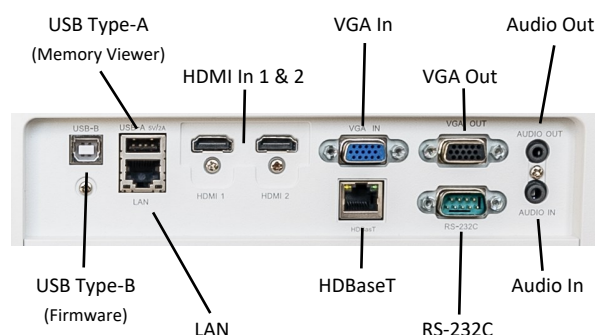
• Specifications

Model		EK-720LU
Display Type		0.64" 3LCD
Resolution		WUXGA (1920 x 1200)
Aspect Ratio		16:10
Brightness (Center Lumens)		7,200 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)		27.5 dB / 37.5 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 360 W
Thermal Dissipation		1,228 BTU
Standard Accessories		Detachable AC Power Cord, VGA Cable, Quick Start Guide,

• 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

		Screen Width (feet)				
		4	6	10	12	16
Throw Distance (feet)	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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