

E-Vision Laser 11000 4K-UHD (Preliminary)

9,500 ANSI / 10,500 ISO Lumens | Contrast Ratio: 6,000:1 (Dynamic Black) 1,000:1 native | Part No:119-735

E-VISION LASER 11000 4K-UHD DIGITAL PROJECTOR

THE VISIONARIES CHOICE



Colour System:	DMD Specification:
Laser Phosphor with enhanced colourwheel	Display resolutions 4K-UHD (3840 x 2160) or WQXGA+ (2716 x 1528)
Display Type:	8.3 megapixels on screen at 4K-UHD
1 x 0.67" WQXGA+ TRP UHD DMD™	Fast transit pixels for smooth greyscale and improved contrast.
	Aspect Ratio: 16:9
	Fill Factor Not applicable: Smooth Picture DMD™

Key Features

Video & Graphics Processing

- Two projectors in one - 4K-UHD and WQXGA+
- DisplayPort 1.2 with HDCP 2.2
- 2 x HDMI 2.0 with HDCP 2.2
- 2 x HDMI 1.4b inputs with HDCP 1.4 for Dual Pipe processing and Frame Sequential 3D Format.
- Sequential Processing: 3D via single HDMI 1.4b input
- Dual Pipe Processing: 3D Left and Right Eyes via two HDMI 1.4b inputs
- Synchronisation of active glasses
- 3G-SDI with loop-through
- DICOM simulation mode

Geometry Correction

- Onboard 4-Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, Arc, and Image Rotation
- User definable custom warp
- Digital zoom, pan and scan.
- Independent four boundary blanking control for custom input window sizing
- Scaling available for fixed aspect ratio screens.
- Unscaled processing for pixel mapped display.

Edge Blending

- Blending control available for all sides with width control.
- Correction for non-active pixels at the edge of the display.

Picture in Picture

- Two sources can be displayed simultaneously using 2D inputs with the original aspect ratios maintained

HDBaseT® Interface

- Built in support for reception of uncompressed High Definition Video over standard CAT5e/6 LAN cable
- Allows projector to be placed up to 100m from source with low cost cabling
- Supports up to 4K UHD 3840 x 2160@60Hz 4:2:0 or 4K UHD 3840 x 2160@30Hz 4:4:4

Colour Processing

- Four colour modes available: ColorMax / Manual Color Matching / Color Temperature / Gains and Lifts
- Powerful seven point colour correction for accurate colour matching with presets
- Easy colour temperature selection
- Manual seven point colour adjustment
- Traditional lifts and gains

Projector Controller Software

- Intuitive user interface for network control
- Simultaneous control of user-defined groups of projectors
- At-a-glance monitoring of projector status

Projector Automation

- Real-time clock provides daily on/off automation
- E-mail alerts for system status

Source Compatibility:

2D graphics standards up to 4K-UHD 3840 x 2160 resolution at 60Hz via HDMI 2.0, HDBaseT (4:2:0) and DisplayPort inputs.

3D graphics standards up to WQXGA at 120Hz DualPipe via HDMI 1.4b inputs.

3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.

WQXGA+ mode

2D sources up to WQXGA+ at 120Hz can be displayed scaled to fit WQXGA+.

3D sources up to WQXGA at 120Hz can be displayed scaled to fit WQXGA+.

4K-UHD mode

2D sources up to 4K-UHD will be displayed scaled to fit 4K-UHD.

Auto mode

Sources greater than WQXGA+ will be displayed scaled to fit 4K-UHD.

Sources up to WQXGA+ will be displayed scaled to fit WQXGA+.

Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2 (2D)	DisplayPort	1	3D Sync Out	BNC	1
HDMI 1.4b (3D)	HDMI	2	3D Sync In	BNC	1
HDMI 2.0 (2D)	HDMI	2	LAN	RJ45	2
3G-SDI in (2D)	BNC	1	RS232	9-pin D Sub	1
3G-SDI out	BNC	1	Wired Remote	3.5mm Stereo	1
HDBaseT (see LAN) (2D)	RJ45	1	12V Trigger	Jack	2
			3D Sync IR Out	3.5mm Stereo	1
				Jack	
				BNC	
			NOTE: One of the LAN ports is shared with HDBase-T.		

3D Formats Supported

Frame Sequential
Dual-Pipe

HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz, 100Hz, 120Hz)
1080i (50Hz, 60Hz)
720p (50, 60Hz)
2K (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)
4K-UHD (24Hz, 25Hz, 30Hz, 50Hz, 60Hz)

Computer Compatibility

2D
4K-UHD up to 60Hz.
WQXGA+ up to 120Hz.

3D

Supported formats will be displayed within WQXGA+.

Bandwidth

498 megapixels per second via DisplayPort and HDMI 2.0.

Remote Control		Automation Control	
Addressable IR remote control, wireless and wired. On-Board keypad		Crestron RoomView® Connected PJLink Class 1 LAN RS232 AMX (Device Discovery) Served web pages (projector status, projector control, Crestron RoomView®, network settings, alert mail setup, time setup, error log, On Screen Display)	
Colour Temperature			
3200K to 9300K			
Lamp Type		Typical Lamp Life	
Laser Light Source		20,000 hours	
Lenses			
Lens	Part No.	Optimised Focus Range	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	none
0.76 :1 fixed	112-499	0.81m - 5.08m	none
0.74 - 0.93 :1 zoom	115-339	1.02m - 12.7m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.24 - 1.78 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.71 - 2.25 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.20 - 3.67 :1 zoom	112-502	2.36m - 24.2m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
3.54 - 5.36 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.24 - 8.27 :1 zoom	112-504	5.59m - 54.8m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
Lens Mount			
Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).			
Mechanical Mounting		Orientation	
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet		Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes	
Power Requirements		Power Consumption	
100-130VAC and 200-240VAC selectable, 50/60Hz single phase		100V_60HZ Typical: 1344W, Maximum TBDW 240V_50HZ Typical: 1290W , Maximum TBDWW	
Thermal Dissipation		Fan Noise	
Typical 4590 BTU/Hour @ 100VAC Typical 4406 BTU/Hour @ 240VAC BTU/Hour		Smooth Picture On: Normal mode: typical 43 (max 45) dBA Eco mode: typical 39 (max 41) dBA Smooth Picture Off: Normal mode: typical 42 (max 44) dBA Eco mode: typical 38 (max 40) dBA	
Operating/Storage Temperature		Operating Humidity	
Operating: 5 to 40C (41 to 104F) Storage: -10 to 60C (14 to 140F)		10 to 85% non-condensing ((with maximum temperature of 40C)	
Weight (Chassis Only)		Dimensions	
31 kg 63.34 lb		L: 59.83 cm x W: 50 cm x H: 21.85 cm L: 23.55 in x W: 19.68 in x H: 8.60 in	
Safety & EMC Regulations			
UL/cUL, BIS, CB, CCC, CQC Eco label, CECP, KC, KTL, IC,BSMI, RoHS (China), RoHS (EU),FCC Class A, FDA,CE, IEC EN 60825-1 Class 3R Laser Product, IEC EN 62471-5 Risk Group 2, WEEE (EU)			
Accessories			
Accessory		Part No.	
Infrared Remote (replacement)		118-678	

**Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

Downloads

[PDF CAD Drawings](#)

[AUTOCAD Drawings](#)

[User Guides](#)

[User Guides German](#)

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[Important Information](#)



Certificate Number 13629
ISO 9001

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