

## 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

<b>Colour System:</b>	<b>DMD Specification:</b>
Laser Phosphor with enhanced colourwheel	Display resolutions 4K-UHD (3840 x 2160) or WQXGA+ (2716 x 1528)
<b>Display Type:</b>	<b>8.3 megapixels on screen at 4K-UHD</b>
1 x 0.67" WQXGA+ TRP UHD DMD™	Fast transit pixels for smooth greyscale and improved contrast.
	<b>Aspect Ratio:</b> 16:9
	<b>Fill Factor</b> 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

Addressable IR remote control, wireless and wired.  
On-Board keypad

### Automation Control

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.	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
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Front/Rear Table	<b>Table Top or Inverted:</b> Yes
Front/Rear Ceiling	<b>Pointing Up:</b> Yes
Adjustable Front/Rear Feet	<b>Pointing Down:</b> Yes
	<b>Roll (Portrait):</b> Yes

Power Requirements	Power Consumption
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100-130VAC and 200-240VAC selectable, 50/60Hz single phase	100V_60HZ Typical: 1344W, Maximum TBDW 240V_50HZ Typical: 1290W , Maximum TBDWW
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Thermal Dissipation	Fan Noise
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Typical 4590 BTU/Hour @ 100VAC Typical 4406 BTU/Hour @ 240VAC BTU/Hour	<b>Smooth Picture On:</b> <i>Normal mode:</i> typical 43 (max 45) dBA <i>Eco mode:</i> typical 39 (max 41) dBA <b>Smooth Picture Off:</b> <i>Normal mode:</i> typical 42 (max 44) dBA <i>Eco mode:</i> typical 38 (max 40) dBA
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Operating/Storage Temperature	Operating Humidity
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Operating: 5 to 40C (41 to 104F) Storage: -10 to 60C (14 to 140F)	10 to 85% non-condensing ((with maximum temperature of 40C )
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Weight (Chassis Only)	Dimensions
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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
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### Safety & EMC Regulations

UL/cUL, 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)

*\*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](#)

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