

## E-Vision Laser 8500 WUXGA Black

8,500 Lumens | Contrast Ratio: 10,000:1 (Dynamic Black)1,800:1 native | Part No:119-024

### E-VISION LASER 8500 DIGITAL PROJECTOR



THE VISIONARIES CHOICE

<b>Colour System:</b>	<b>DMD Specification:</b>
Laser Phosphor	1920 x 1200 pixels native. Fast transit pixels for smooth greyscale and improved contrast.
<b>Display Type:</b>	<b>Aspect Ratio:</b>
1 x 0.67" DarkChip™ DMD™	16x10
	<b>Fill Factor</b>
	87%

### Key Features

#### Video & Graphics Processing

- HDMI 1.4 for Side by Side, Frame Packing & Top Bottom 3D Formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources
- Dual Pipe Processing: Two sources in parallel for Left and Right Eyes.
- Synchronisation of active glasses.
- 3GSDI with loop-through.
- 24p and 1080p native display.
- DICOM Simulation Mode.

#### Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens.

#### Edge Blending

- Correction for non-active pixels at the edge of the display.

#### Picture in Picture

- Two sources can be displayed either one within the other (PIP), or side by side, with original aspect ratios maintained.

#### HDBaseT® Interface

- Built in support for transmission 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.

#### Colour Processing

- Powerful seven point colour correction for accurate colour matching.

#### 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.

#### Source Compatibility:

3GSDI is SMPTE 292M, SMPTE 259M-C and SMPTE 424M compliant.  
HDMI including Deep Color™ processing.  
Graphics standards up to 1920 x 1200 resolution at 60Hz via HDMI, DisplayPort or VGA.  
Component Video (SD and HD) via RGBHV.

## Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.1a	DisplayPort	1	3D Sync Out	BNC	1
HDMI 1.4	HDMI	2	3D Sync In	BNC	1
3G-SDI in	BNC	1	LAN	RJ45	1
3G-SDI out	BNC	1	RS232	9-pin D Sub	1
VGA / Analog RGB	15-pin D-Sub	1	Wired Remote	3.5mm Stereo Jack	1
Component Video	5 x BNC	1	12V Trigger	3.5mm Stereo Jack	2
HDBaseT	LAN	1	Service Port	USB Type A	1

3D Formats Supported	HDTV Formats Supported
Frame Packing Dual Pipe Frame Sequential Side By Side (half) Top and Bottom	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

Computer Compatibility	Bandwidth
Up to 1920 x 1200	165 MHz on analog RGB 165 Megapixels per second on HDMI

Remote Control	Automation Control
Addressable IR remote control, wireless and wired. On-Board keypad	Crestron RoomView® Connected PJLink LAN RS232 AMX (Device Discovery)

Colour Temperature
User selectable from 5000 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
0.75 - 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
1.25 - 1.79 :1 zoom	112-500	1.33m - 11.73m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
1.73 - 2.27 :1 zoom	112-501	1.83m - 14.9m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
2.22 - 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
3.58 - 5.38 :1 zoom	112-503	3.8m - 35.35m	Vert: 0.5 (U) 0.3 (D) frame, Hor: 0.1(L) 0.2 (R) frame
5.31 - 8.26 :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	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> Yes

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	880 (920 @100 Vac)W

Thermal Dissipation	Fan Noise
3000 (3137 @100 Vac) BTU/Hour	40 dBA

Operating/Storage Temperature	Operating Humidity

Operating: 0 to 40C (32 to 104F)  
Storage: -20 to 60C (-4 to 140F)

10 to 90% non-condensing

### Weight (Chassis Only)

28 kg  
62 lb

### Dimensions

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

CE, FCC Class A, UL, CCC

*\*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](#)

[User Guides](#)

[AUTOCAD Drawings](#)

[Important Information](#)

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