

## E-Vision Laser 9000 WU

9,000 ISO / 8,000 ANSI Lumens | Contrast Ratio: 20,000:1 (dynamic) | Part Number: 120-481

## E-VISION LASER 9000 WU DIGITAL PROJECTOR



THE VISIONARIES CHOICE

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### Colour System:

Laser Phosphor / 4 Segment (RGBY)  
Colourwheel / 2x120Hz

### DMD Specification:

1920 x 1200 pixels native display.  
Fast transit pixels for smooth greyscale and improved contrast.

### Display Type:

1 x 0.67" DarkChip™ DMD™

### Aspect Ratio:

16x10

### Fill Factor

87%

## Key Features

### Video & Graphics Processing

- HDMI 2.0 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 (example 144Hz display).
- Synchronisation of active glasses and compatible with polarised glasses
- 24p and 1080p native display.
- Sealed light engine
- DICOM Simulation Mode.
- HDR Support
- Powerful 7 point colour correction for accurate colour matching

### Geometry Correction

- Cornerstone, Vertical & Horizontal Keystone.
- Selectable Aspect Ratios
- Digital Zoom

## 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.
- Projector Control via HDBaseT.

## Source Compatibility:

HDMI including Deep Color™ processing.

Graphics standards support up to 3840 x 2160 (4K-UHD) & 4096 x 2160 (full 4K) resolution via HDMI

Graphics standards up to native 1920 x 1200 resolution @ 60Hz via DVI-D, HDBaseT or VGA

Component Video (SD and HD) via RGBHV.

## Inputs/Outputs

### Video & Computer

Type	Connector	Qty
HDMI 2.0	HDMI	2
DVI-D	DVI	1
VGA / Analog RGB	15-pin D-Sub	1
Component Video	5 x BNC	5
HDBaseT	RJ45	1
Video Out: VGA	15-pin D-Sub	1
Audio In: Stereo	RCA	2
Audio In: Stereo	3.5mm Jack	1
Audio Out: Stereo	RCA	2

### Communication & Control

Type	Connector	Qty
3D Sync Out	Mini DIN	1
3D Sync In	Mini DIN	1
LAN	RJ45	1
Serial In (RS232)	9-pin D-Sub	1
Serial Out (RS232)	9-pin D-Sub	1
Wired Remote In	3.5mm Stereo Jack	1
Wired Remote Out	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	1
USB (power only)	USB Type A	1
USB (Service)	USB Type B	1

### 3D Formats Supported

Frame Packing  
Side By Side (half)  
Top and Bottom

### HDTV Formats Supported

1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)

### Computer Compatibility

Up to 1920 x 1200 via DVI-D, HDBaseT, VGA  
Up to 4096 x 2160 via HDMI

### Bandwidth

165 MHz on analog RGB  
498 Megapixels per second on HDMI

### Remote Control

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

### Automation Control

Crestron RoomView® Connected  
PJLink - AMX SSDP  
LAN  
RS232 - AMX SSDP

### Colour Temperature

User Selectable

### Operation



### Illumination Type

Laser Light Source

### Typical Illumination Life

20,000 hours

## Lenses

### Lens

### Part No. Optimised Focus Range\* Lens Shift

0.77: 1 fixed	114-785	0.4m - 3.1m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
0.77 - 1.1: 1 zoom (special order - call for info)	119-001	0.67m - 12.1m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.1 - 1.3: 1 zoom	116-207	1m - 9m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.25-1.6 zoom (special order - call for info)	119-430	1.356m - 8.078m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.54 - 1.93: 1 zoom	114-783	0.95m - 11.9m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
1.93 - 2.91: 1 zoom	114-784	1.2m - 29.8m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame
3.0 - 5.0: 1 zoom	116-208	3m - 20m	Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame

\* Lens focal ranges above are the optimised distances but are likely to focus further, please contact your RSM for more details. Lens ratio tolerances: E-Vision Series: +/-3%. HighLite Series: +/- 5%. M-Vision Series: +/- 2%. Titan Series: +/-2%, INSIGHT Series: +/-2%,

## Lens Mount

Manual shift, zoom & focus.

### Mechanical Mounting

Front/Rear Table  
Front/Rear Ceiling  
Adjustable Front/Rear Feet

### Orientation

**Table Top or Inverted:** Yes  
**Pointing Up:** Yes  
**Pointing Down:** Yes  
**Roll (Portrait):** Yes

### Power Requirements

100-240VAC 50/60Hz single phase

### Power Consumption

1000

### Thermal Dissipation

3410

### Fan Noise

Typical 44dBA

### Operating/Storage Temperature

Operating: 0 to 40C (32 to 104F)  
>35C switches to Eco Mode  
Storage: -20 to 60C (-4 to 140F)

### Operating Humidity

10 to 85% non-condensing

### Weight (Chassis Only)

25 kg  
55.1 lb

### Dimensions

L: 52.5 cm W: 47 cm H: 22.05 cm  
L: 20.66 in W: 18.5 in H: 8.68 in

### Safety & EMC Regulations

CE, FCC Class B, UL, CCC, CB, RoHS

### Accessories

#### Accessory

Infrared Remote (replacement)

#### Part No.

117-880

*\*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](#)

[Laser Risk Group Document](#)

[STEP / IGS Drawings](#)

[Important Information](#)

[Lens CAD Drawings](#)

[Control Protocol](#)



Certificate Number 13629  
ISO 9001

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