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# E-VISION LASER 15000 WU DIGITAL PROJECTOR

THE VISIONARIES CHOICE



## E-Vision Laser 15000 WU

**15,000 ISO / 13,500 ANSI Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) 1,000:1 native | Part Number: 120-994**

### Key Specifications:

<b>Colour System:</b>	Blue and Red Lasers with Phosphor wheel
<b>Display Type:</b>	1 x 0.67" DarkChip™ DMD™
<b>DMD Specification:</b>	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
<b>Aspect Ratio:</b>	16x10
<b>Fill Factor</b>	
<b>Key Features:</b>	<p><b>Red Laser Assist</b></p> <ul style="list-style-type: none"><li>• Uses blue and red laser diodes for increased colour fidelity and highly accurate colours</li></ul> <p><b>Video &amp; Graphics Processing</b></p> <ul style="list-style-type: none"><li>• HDMI 1.4b for Side by Side, Frame Packing, Frame Sequential &amp; Top Bottom 3D formats.</li><li>• Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources.</li><li>• Triple Flash processing for 24Hz 3D input (Frame Packed and Dual Pipe 3D)</li><li>• Dual Pipe Processing: Two sources in parallel for Left and Right eyes.</li><li>• Synchronisation of active glasses.</li><li>• 3GSDI with loop-through.</li><li>• 24p and 1080p native display.</li><li>• DICOM simulation mode.</li></ul>

### Geometry Correction

- Four Corners, Vertical & Horizontal Keystone, Pincushion & Barrel, Arc and Image Rotation.
- Non Linear Warp.
- Blanking control for custom input window sizing.
- Digital zoom, pan and scan.
- Scaling available for fixed aspect ratio screens and independent input aspect ratios.

### Edge Blending

- For independent edge and blend width adjustment.
- Correction for non-active pixels at the edge of the display.
- Electronic black level compensation.

### 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 reception of uncompressed High Definition Video over standard CAT5e/6 LAN cable.
- Allows the projector to be placed up to 100m from the source with low cost cabling.

### Colour Processing

- Powerful seven point colour correction for accurate colour matching.
- Selectable default colour gamut

### Projector Control

- Intuitive user interface for network control

### PC Projector Controller Application for:

- Simultaneous control of user-defined groups of projectors
- At-a-glance monitoring of projector status
- Served web pages for browser monitoring and control access from PC's and Smart phones

### Projector Automation

- Real-time clock provides daily on/off automation.

### Projector Maintenance Features

- IP6x Sealed optics.
- Long life 20,000 hour illumination.

### 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		
Type	Connector	Qty
DVI-D 1.0	DVI	1
DisplayPort 1.1a	DisplayPort	1
HDMI 1.4b	HDMI	2
3G-SDI in	BNC	1

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<b>3D Formats Supported</b>	<p>Frame Packing</p> <p>Dual Pipe</p> <p>Frame Sequential</p> <p>Side By Side (half)</p> <p>Top and Bottom</p>																																				
<b>HDTV Formats Supported</b>	1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)																																				
<b>Computer Compatibility</b>	Up to 2560 x 1600 RB displayed within WUXGA																																				
<b>Bandwidth</b>	165 MHz on analog RGB 165 Megapixels per second on HDMI																																				
<b>Remote Control</b>	Addressable IR remote control, wireless and wired. On-Board keypad.																																				
<b>Automation Control</b>	PJLink Class 1 LAN RS-232 AMX (Device Discovery) Served web page Crestron Connected ART-NET control																																				
<b>Colour Temperature</b>	3200 to 9300K																																				
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<b>illumination Type</b>	Blue and Red Laser Light Source																																				
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<b>Lenses</b>	<table border="1"> <thead> <tr> <th>Lens</th> <th>Part No.</th> <th>Optimised Focus Range*</th> <th>Lens Shift (Frame)</th> </tr> </thead> <tbody> <tr> <td>0.38 :1 fixed</td> <td>117-341</td> <td>0.68m - 2.44m</td> <td>Depends on image</td> </tr> </tbody> </table>	Lens	Part No.	Optimised Focus Range*	Lens Shift (Frame)	0.38 :1 fixed	117-341	0.68m - 2.44m	Depends on image																												
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			size, see Installation Guide.
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
0.76 :1 fixed	112-499	0.81m - 5.08m	none
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 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%,

<b>Lens Mount</b>	Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).
<b>Mechanical Mounting</b>	Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet
<b>Orientation</b>	<b>Table Top or Inverted:</b> Yes <b>Pointing Up:</b> Yes <b>Pointing Down:</b> Yes <b>Roll (Portrait):</b> Yes
<b>Power Requirements</b>	200-240VAC 50/60Hz single phase 8.2A 100-130VAC 50/60Hz single phase 11.9A Note: that in 100-130VAC operation, the projector will be at 65% brightness
<b>Power Consumption</b>	Typical 1570W @ 240VAC in Normal mode Typical 1025W @ 110VAC in Normal mode
<b>Thermal Dissipation</b>	Typical 5357 BTU/Hour @ 240VAC in Normal mode Typical 3497 BTU/Hour @ 110VAC in Normal mode
<b>Fan Noise</b>	Normal mode: 48 dBA Max, 46 dBA Typical Eco mode: 45 dBA Max, 43 dBA Typical
<b>Operating/Storage Temperature:</b>	Operating: 0 to 35C (32 to 95F) Operating: 35 to 40C (95 to 104F) w/ reduced light output Storage: -20 to 60C (-4 to 140F)
<b>Operating Humidity</b>	10 to 90% relative, non-condensing
<b>Weight</b>	29.5 kg / 65 lbs

<b>Dimensions</b>	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	
<b>Safety &amp; EMC Regulations</b>	UL / cUL, BIS, CB, CCC, KC, FCC (Part 15) Class A, FDA, CE, RoHS 2, IEC EN 60825-1-2014 Class 3R Laser Product, IEC EN 60825-1-2007 Class 1 Laser Product IEC EN 62471-5-2015 Risk Group 3	
<b>Accessories</b>	Accessory	Part No.
	Infrared Remote (replacement) Lens Hood (Required in the USA for FDA Compliance with lenses 112-503 & 112-504)	117-880 121-867
	<i>*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.</i>	
<b>Downloads</b>	<a href="#">PDF CAD Drawings</a> <a href="#">AUTOCAD Drawings</a> <a href="#">STEP / IGS Drawings</a> <a href="#">Lens CAD Drawings</a>	
<b>User Guide</b>	<a href="#">User Guides</a> <a href="#">User Guides (German)</a> <a href="#">User Guides (French)</a> <a href="#">Laser Risk Group Document</a> <a href="#">Important Information</a> <a href="#">Important Information (German)</a> <a href="#">Important Information (French)</a> <a href="#">Control Protocol</a> <a href="#">Ultra Short Throw Lens</a> <a href="#">Ultra Short Throw Lens Installation Guide</a>	



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