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# E-VISION LASER 9000 WU DIGITAL PROJECTOR

THE VISIONARIES CHOICE




## E-Vision Laser 9000 WU

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

### Key Specifications:

<b>Colour System:</b>	Laser Phosphor / 4 Segment (RGBY) Colourwheel / 2x120Hz
<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>	87%
<b>Key Features:</b>	<p><b>Video &amp; Graphics Processing</b></p> <ul style="list-style-type: none"><li>• HDMI 2.0 for Side by Side, Frame Packing &amp; Top Bottom 3D Formats.</li><li>• Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources (example 144Hz display).</li><li>• Synchronisation of active glasses and compatible with polarised glasses</li><li>• 24p and 1080p native display.</li><li>• Sealed light engine</li><li>• DICOM Simulation Mode.</li><li>• HDR Support</li><li>• Powerful 7 point colour correction for accurate colour matching</li></ul> <p><b>Geometry Correction</b></p> <ul style="list-style-type: none"><li>• Cornerstone, Vertical &amp; Horizontal Keystone.</li><li>• Selectable Aspect Ratios</li><li>• Digital Zoom</li></ul>

	<p><b>HDBaseT® Interface</b></p> <ul style="list-style-type: none"> <li>Built in support for transmission of uncompressed High Definition Video over standard CAT5e/6 LAN cable.</li> <li>Allows projector to be placed up to 100m from source with low cost cabling.</li> <li>Projector Control via HDBaseT.</li> </ul>																																																																								
<b>Source Compatibility</b>	<p>HDMI including Deep Color™ processing. Graphics standards support up to 3840 x 2160 (4K-UHD) &amp; 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.</p>																																																																								
<b>Inputs/Outputs</b>	<table border="1"> <thead> <tr> <th colspan="3">Video &amp; Computer</th> <th colspan="3">Communication &amp; Control</th> </tr> <tr> <th>Type</th> <th>Connector</th> <th>Qty</th> <th>Type</th> <th>Connector</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>HDMI 2.0</td> <td>HDMI</td> <td>2</td> <td>3D Sync Out</td> <td>Mini DIN</td> <td>1</td> </tr> <tr> <td>DVI-D</td> <td>DVI</td> <td>1</td> <td>3D Sync In</td> <td>Mini DIN</td> <td>1</td> </tr> <tr> <td>VGA / Analog RGB</td> <td>15-pin D-Sub</td> <td>1</td> <td>LAN</td> <td>RJ45</td> <td>1</td> </tr> <tr> <td>Component Video</td> <td>5 x BNC</td> <td>5</td> <td>Serial In (RS232)</td> <td>9-pin D-Sub</td> <td>1</td> </tr> <tr> <td>HDBaseT</td> <td>RJ45</td> <td>1</td> <td>Serial Out (RS232)</td> <td>9-pin D-Sub</td> <td>1</td> </tr> <tr> <td>Video Out: VGA</td> <td>15-pin D-Sub</td> <td>1</td> <td>Wired Remote In</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>Audio In: Stereo</td> <td>RCA</td> <td>2</td> <td>Wired Remote Out</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>Audio In: Stereo</td> <td>3.5mm Jack</td> <td>1</td> <td>12V Trigger</td> <td>3.5mm Stereo Jack</td> <td>1</td> </tr> <tr> <td>Audio Out: Stereo</td> <td>RCA</td> <td>2</td> <td>USB (power only)</td> <td>USB Type A</td> <td>1</td> </tr> <tr> <td></td> <td></td> <td></td> <td>USB (Service)</td> <td>USB Type B</td> <td>1</td> </tr> </tbody> </table>	Video & Computer			Communication & Control			Type	Connector	Qty	Type	Connector	Qty	HDMI 2.0	HDMI	2	3D Sync Out	Mini DIN	1	DVI-D	DVI	1	3D Sync In	Mini DIN	1	VGA / Analog RGB	15-pin D-Sub	1	LAN	RJ45	1	Component Video	5 x BNC	5	Serial In (RS232)	9-pin D-Sub	1	HDBaseT	RJ45	1	Serial Out (RS232)	9-pin D-Sub	1	Video Out: VGA	15-pin D-Sub	1	Wired Remote In	3.5mm Stereo Jack	1	Audio In: Stereo	RCA	2	Wired Remote Out	3.5mm Stereo Jack	1	Audio In: Stereo	3.5mm Jack	1	12V Trigger	3.5mm Stereo Jack	1	Audio Out: Stereo	RCA	2	USB (power only)	USB Type A	1				USB (Service)	USB Type B	1
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<b>3D Formats Supported</b>	<p>Frame Packing Side By Side (half) Top and Bottom</p>																																																																								
<b>HDTV Formats Supported</b>	<p>1080p (24Hz, 25Hz, 30Hz, 50Hz, 60Hz), 1080i (50Hz, 60Hz), 720p (50, 60Hz)</p>																																																																								
<b>Computer Compatibility</b>	<p>Up to 1920 x 1200 via DVI-D, HDBaseT, VGA Up to 4096 x 2160 via HDMI</p>																																																																								
<b>Bandwidth</b>	<p>165 MHz on analog RGB 498 Megapixels per second on HDMI</p>																																																																								
<b>Remote Control</b>	<p>IR remote control, wireless and wired. On-Board keypad</p>																																																																								
<b>Automation Control</b>	<p>Crestron RoomView® Connected PJLink - AMX SSDP LAN RS232 - AMX SSDP</p>																																																																								
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			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%,

<b>Lens Mount</b>	Manual shift, zoom & focus.		
<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>	100-240VAC 50/60Hz single phase		
<b>Power Consumption</b>	1000		
<b>Thermal Dissipation</b>	3410		
<b>Fan Noise</b>	Typical 44dBA		
<b>Operating/Storage Temperature Operating:</b>	Operating: 0 to 40C (32 to 104F) >35C switches to Eco Mode Storage: -20 to 60C (-4 to 140F)		
<b>Operating Humidity</b>	10 to 85% non-condensing		
<b>Weight</b>	25 kg / 55.1 lbs		
<b>Dimensions</b>	L: 52.5 cm W: 47 cm H: 22.05 cm L: 20.66 in W: 18.5 in H: 8.68 in		
<b>Safety &amp; EMC Regulations</b>	CE, FCC Class B, UL, CCC, CB, RoHS		
<b>Accessories</b>	Accessory	Part No.	
	Infrared Remote (replacement)	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.*

<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>



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