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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: 120-482

Key Specifications:

Colour System:	Laser Phosphor / 4 Segment (RGBY) Colourwheel / 2x120Hz
Display Type:	1 x 0.67" DarkChip™ DMD™
DMD Specification:	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
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	<table><tr><th colspan="3">Video & Computer</th></tr><tr><th>Type</th><th>Connector</th><th>Qty</th></tr><tr><td>HDMI 2.0</td><td>HDMI</td><td>2</td></tr><tr><td>DVI-D</td><td>DVI</td><td>1</td></tr><tr><td>VGA / Analog RGB</td><td>15-pin D-Sub</td><td>1</td></tr><tr><td>Component Video</td><td>5 x BNC</td><td>5</td></tr><tr><td>HDBaseT</td><td>RJ45</td><td>1</td></tr><tr><td>Video Out: VGA</td><td>15-pin D-Sub</td><td>1</td></tr><tr><td>Audio In: Stereo</td><td>RCA</td><td>2</td></tr><tr><td>Audio In: Stereo</td><td>3.5mm Jack</td><td>1</td></tr><tr><td>Audio Out: Stereo</td><td>RCA</td><td>2</td></tr></table> <table><tr><th colspan="3">Communication & Control</th></tr><tr><th>Type</th><th>Connector</th><th>Qty</th></tr><tr><td>3D Sync Out</td><td>Mini DIN</td><td>1</td></tr><tr><td>3D Sync In</td><td>Mini DIN</td><td>1</td></tr><tr><td>LAN</td><td>RJ45</td><td>1</td></tr><tr><td>Serial In (RS232)</td><td>9-pin D-Sub</td><td>1</td></tr><tr><td>Serial Out (RS232)</td><td>9-pin D-Sub</td><td>1</td></tr><tr><td>Wired Remote In</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td>Wired Remote Out</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td>12V Trigger</td><td>3.5mm Stereo Jack</td><td>1</td></tr><tr><td>USB (power only)</td><td>USB Type A</td><td>1</td></tr><tr><td>USB (Service)</td><td>USB Type B</td><td>1</td></tr></table>	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
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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	<table><tr><th>Lens</th><th>Part No.</th><th>Optimised Focus Range*</th><th>Lens Shift (Frame)</th></tr><tr><td>0.77: 1 fixed</td><td>114-785</td><td>0.4m - 3.1m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>0.77 - 1.1: 1 zoom (special order - call for info)</td><td>119-001</td><td>0.67m - 12.1m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>1.1 - 1.3: 1 zoom</td><td>116-207</td><td>1m - 9m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>1.25-1.6 zoom (special order - call for info)</td><td>119-430</td><td>1.356m - 8.078m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>1.54 - 1.93: 1 zoom</td><td>114-783</td><td>0.95m - 11.9m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>1.93 - 2.91: 1 zoom</td><td>114-784</td><td>1.2m - 29.8m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr><tr><td>3.0 - 5.0: 1 zoom</td><td>116-208</td><td>3m - 20m</td><td>Vert: 0.55 (U) 0.15 (D) frame, Hor: 0.05 (L) 0.05 (R) frame</td></tr></table> * 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	Part No.	Optimised Focus Range*	Lens Shift (Frame)	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
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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:	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	25 kg / 55.1 lbs	
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	Part No.
	Infrared Remote (replacement)	117-880
	<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>	
Downloads	PDF CAD Drawings AUTOCAD Drawings STEP / IGS Drawings Lens CAD Drawings	
User Guide	User Guides User Guides (German) User Guides (French) Laser Risk Group Document Important Information Control Protocol	



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