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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:	<p>Video & Graphics Processing</p> <ul style="list-style-type: none">• 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 <p>Geometry Correction</p> <ul style="list-style-type: none">• 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	<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>0.77: 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> </tbody> </table> <p>* 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%,</p>	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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