

E-Vision Laser 15000 WU (Preliminary)

15,000 ISO / 13,500 ANSI Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) 1,000:1 native | Part No:120-994

E-VISION LASER 15000 WU DIGITAL PROJECTOR



THE VISIONARIES CHOICE

Colour System:	DMD Specification:
Blue and Red Lasers with Phosphor wheel	1920 x 1200 pixels native display. Fast transit pixels for smooth greyscale and improved contrast.
Display Type:	Aspect Ratio:
1 x 0.67" DarkChip™ DMD™	16x10
	Fill Factor
	87%

Key Features

Red Laser Assist

- Uses blue and red laser diodes for increased colour fidelity and highly accurate colours

Video & Graphics Processing

- HDMI 1.4b for Side by Side, Frame Packing, Frame Sequential & Top Bottom 3D formats.
- Dual Flash Processing can be used to multiply the displayed frame rate for 3D sources.
- Triple Flash processing for 24Hz 3D input (Frame Packed and Dual Pipe 3D)
- Dual Pipe Processing: Two sources in parallel for Left and Right eyes.
- Synchronisation of active glasses.
- 3GSDI with loop-through.
- 24p and 1080p native display.
- DICOM simulation mode.

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

- 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			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DVI-D 1.0	DVI	1	3D Sync Out	BNC	1
DisplayPort 1.1a	DisplayPort	1	3D Sync In	BNC	1
HDMI 1.4b	HDMI	2	LAN	RJ45	1
3G-SDI in	BNC	1	RS232	9-pin D-Sub	1
3G-SDI out	BNC	1	Wired Remote	3.5mm Stereo	1
VGA / Analog RGB	15-pin D-Sub	1	12V Trigger	Jack	2
VGA Monitor out	15-pin D-Sub	1	USB Power 5V/2A	3.5mm Stereo	1
Component Video	5 x BNC	1		Jack	
HDBaseT (see LAN)	LAN RJ45	1		USB Type A	

NOTE: The LAN port is shared with HDBase-T.

NOTE: USB Power only for WHDI interfaces.

3D Formats Supported

Frame Packing
Dual Pipe
Frame Sequential
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 2560 x 1600 RB displayed within WUXGA

Bandwidth

165 MHz on analog RGB
165 Megapixels per second on HDMI

Remote Control	Automation Control
Addressable IR remote control, wireless and wired. On-Board keypad.	PJLink Class 1 LAN RS-232 AMX (Device Discovery) Served web page Crestron Connected ART-NET control

Colour Temperature	Operation
3200 to 9300K	24x7 Operation

Lamp Type	Typical Lamp Life
Blue and Red Laser Light Source	20,000 hours

Lenses			
Lens	Part No.	Optimised Focus	Lens Shift
0.38 :1 fixed	117-341	0.68m - 2.44m	none
0.76 :1 fixed	112-499	0.81m - 5.08m	none
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
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%,

Lens Mount
Motorised and programmable shift, zoom and focus. Intelligent Lens Memory with 10 user-definable preset positions (except UST lens).

Mechanical Mounting	Orientation
Front/Rear Table Front/Rear Ceiling Adjustable Front/Rear Feet	Table Top or Inverted: Yes Pointing Up: Yes Pointing Down: Yes Roll (Portrait): Yes

Power Requirements	Power Consumption
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	Typical 1570W @ 240VAC in Normal mode Typical 1025W @ 110VAC in Normal modeW

Thermal Dissipation	Fan Noise
Typical 5357 BTU/Hour @ 240VAC in Normal mode Typical 3497 BTU/Hour @ 110VAC in Normal mode BTU/Hour	Normal mode: 48 dBA Max, 46 dBA Typical Eco mode: 45 dBA Max, 43 dBA Typical

Operating/Storage Temperature	Operating Humidity
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)	10 to 90% relative, non-condensing

Weight (Chassis Only)	Dimensions
31 kg 68.3 lb	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

Safety & EMC Regulations
UL / cUL, BIS, CB, CCC, KC, FCC (Part 15) Class A, FDA (Accession Number), 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

Accessories	
Accessory	Part No.

Infrared Remote (replacement)

117-880

Lens Hood

121-867

(Required in the USA for FDA Compliance with lenses 112-503 & 112-504)

**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](#)

[AUTOCAD Drawings](#)



Certificate Number 13629
ISO 9001

Specifications subject to change without notice. Digital Projection version: - ©2016 Digital Projection.
DLP®, Digital Light Processing™ and DMD are trademarks of Texas Instruments, Inc

DIGITAL PROJECTION, LTD GREENSIDE WAY, MIDDLETON MANCHESTER, UK. M24 1XX
T: +44.161.947.3300 | F: +44.161.684.7674 | www.digitalprojection.co.uk

DIGITAL PROJECTION, INC 55 CHASTAIN ROAD, SUITE 115 KENNESAW, GA. 30144
T: 770.420.1350 | F: 770.420.1360 | www.digitalprojection.com

DIGITAL PROJECTION, CHINA Rm A2006, ShaoYaoJu 101 North lane, Shi AO International Center, Chao Yang District, Beijing, 100029, PR CHINA
T: +86.10.58239771 | F: +86 10 58239770

DIGITAL PROJECTION, ASIA 16 NEW INDUSTRIAL ROAD, #02-10 HUDSON TECHNOCENTRE SINGAPORE 536204
T: +65.6284.1138 | F: +65.6284.1238