E-Vision Laser 13000 WU (Preliminary)

11,500 ANSI / 12,500 ISO Lumens | Contrast Ratio: 10,000:1 (Dynamic Black) 1,000:1 native | Part No:119-734

E-VISION LASER 13000 WU
DIGITAL PROJECTOR

THE VISIONARIES CHOICE

Colour System:	DMD Specification:
Blue and Red Lasers with Phosphor wheel and 4-segment colour wheel	1920 x 1200 pixels native, +/- 12° tilt angle 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 colurs

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
- 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

- Cornerstone, Vertical & Horizontal Keystone, Pincushion & Barrel, and Image Rotation.
- Blanking control for custom input window sizing.
- Scaling for fixed aspect ratio screens.

Edge Blending

- For independent edge and blend width adjustment.

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.

Projector Controller Software

- Intuitive user interface for network control
- Simultaneous control of user-defined groups of projectors
- At-a-glance monitoring of projector status

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

Type	Connector	Qty
DVI-D 1.0	DVI	1
DisplayPort 1.1a	DisplayPort	1
HDMI 1.4b	HDMI	2
3G-SDI in	BNC	1
3G-SDI out	BNC	1
VGA / Analog RGB	15-pin D-Sub	1
VGA Monitor out	15-pin D-Sub	1
Component Video	5 x BNC	1
HDBaseT (see LAN)	LAN RJ45	1

Communication & Control

Type	Connector	Qty
3D Sync Out	BNC	1
3D Sync In	BNC	1
LAN	RJ45	1
RS232	9-pin D-Sub	1
Wired Remote	3.5mm Stereo Jack	1
12V Trigger	3.5mm Stereo Jack	2

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

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 1920 x 1200

Bandwidth

165 MHz on analog RGB
165 Megapixels per second on HDMI

Remote Control

Addressable IR remote control, wireless and wired.
On-Board keypad.

Automation Control

Crestron RoomView® Connected
PJLink Class 1
LAN
RS-232
AMX (Device Discovery)
Served web page

Colour Temperature

3200 to 9300K

Lamp Type

Blue and Red Laser Light Source

Typical Lamp Life

20,000 hours

Lenses

Lens	Part No.	Optimised Focus Range	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 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	**Table Top or Inverted:** Yes	
Front/Rear Ceiling	**Pointing Up:** Yes	
Adjustable Front/Rear Feet	**Pointing Down:** Yes	
	Roll (Portrait): Yes	

Power Requirements	Power Consumption
100-240VAC 50/60Hz single phase	Typical TBCW @ 240VAC in Normal mode
	Typical TBCW @ 240VAC in ECO mode
	Typical TBCW @ 110VAC in Normal mode
	Typical TBCW @ 110VAC in ECO modeW

Thermal Dissipation	Fan Noise
Typical TBC BTU/Hour @ 240VAC in Normal mode	Normal mode: TBC dBA Typical
Typical TBC BTU/Hour @ 240VAC in ECO mode	Eco mode: TBC dBA Typical
Typical TBC BTU/Hour @ 110VAC in Normal mode	
Typical TBC BTU/Hour @ 110VAC in ECO mode	
BTU/Hour	

Operating/Storage Temperature	Operating Humidity
Operating: 0 to 35C (32 to 95F)	10 to 90% relative, non-condensing
Operating: 35 to 40C (95 to 104F) w/ reduced light output	
Storage: -20 to 60C (-4 to 140F)	

Weight (Chassis Only)	Dimensions
31 kg	L: 58.0cm W: 50.0cm H: 21.6cm
68.3 lb	L: 22.8 inch W: 19.7 inch H: 8.5 inch

Safety & EMC Regulations
UL / cUL, CB, CCC, FCC Class 1, CE

Accessories

Accessory	Part No.
Infrared Remote (replacement)	117-780

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

Certificate Number 13629
ISO 9001

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